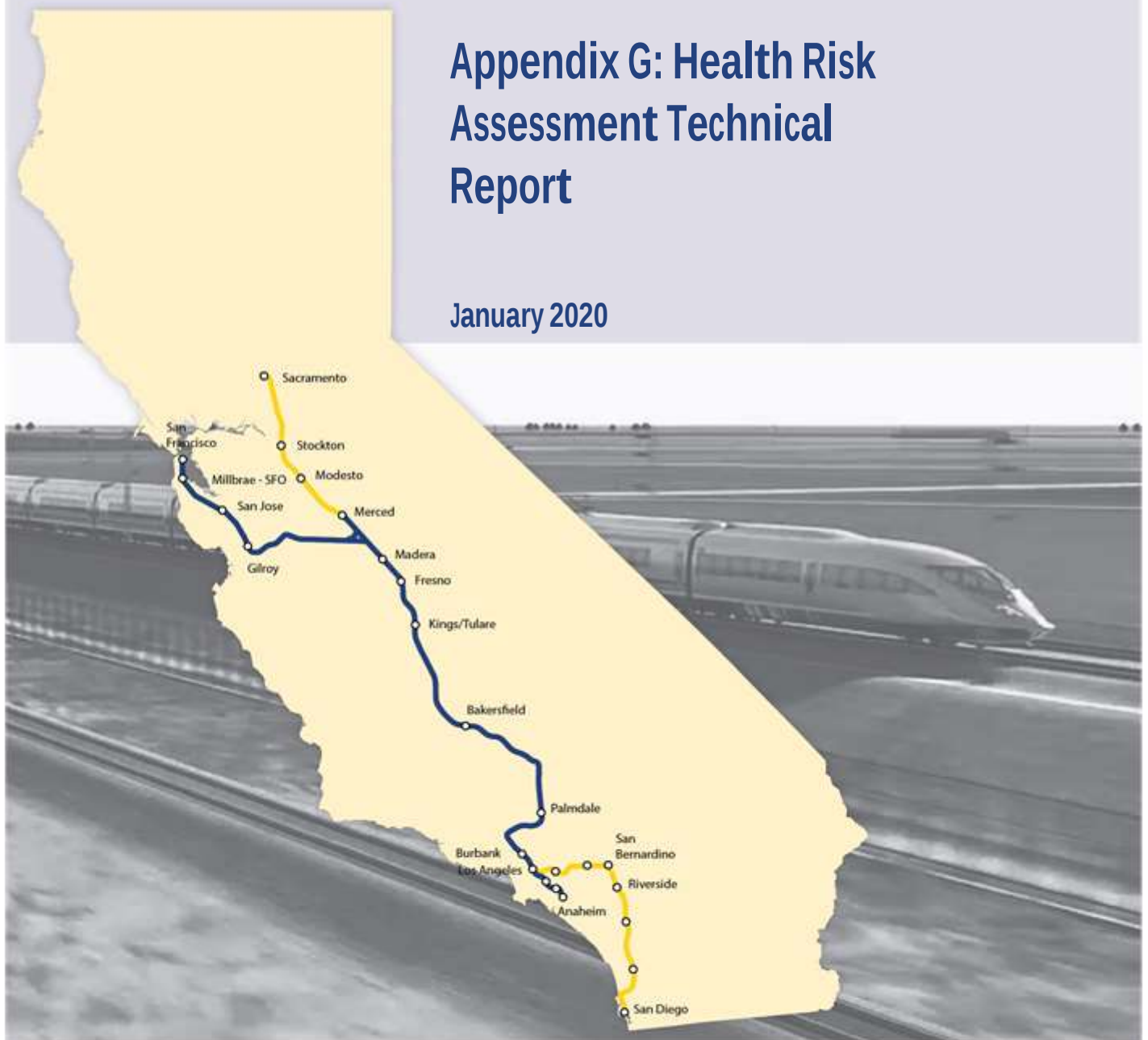


California High-Speed Rail Authority

Burbank to Los Angeles Project Section

Appendix G: Health Risk Assessment Technical Report

January 2020



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Attachment A: AERMOD Modeling Output Files

Attachment B: Human Health Risk Analysis

ACRONYMS AND ABBREVIATIONS

$\mu\text{g}/\text{m}^3$	microgram(s) per cubic meter
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
ASF	age sensitive factor
CAAQS	California Ambient Air Quality Standards
CARB	California Air Resources Board
CMF	Central Maintenance Facility
CO	carbon monoxide
DPM	diesel particulate matter
HI	hazard index
HQ	hazard quotient
HSR	high-speed rail
LAUS	Los Angeles Union Station
LST	localized significance threshold
NAAQS	National Ambient Air Quality Standards
NO ₂	nitrogen dioxide
NO _x	nitrogen oxides
OEHHA	Office of Environmental Health Hazard Assessment
PM _{2.5}	particulate matter smaller than or equal to 2.5 micrometers in diameter
PM ₁₀	particulate matter smaller than or equal to 10 micrometers in diameter
SCAQMD	South Coast Air Quality Management District
SO ₂	sulfur dioxide
SR	State Route
TAC	toxic air contaminant
USEPA	United States Environmental Protection Agency

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EXECUTIVE SUMMARY

This report documents efforts to identify potential health risk effects that may occur as a result of construction and operations of the Burbank to Los Angeles Project Section of the California High-Speed Rail (HSR) Project.

The California High-Speed Rail Authority proposes to construct, operate, and maintain an electric-powered HSR system in California. When completed, it will run from San Francisco to Los Angeles in under three hours, at speeds in excess of 200 miles per hour. The system will eventually extend to Sacramento and San Diego, with 800 miles of track and up to 24 stations.

The Burbank to Los Angeles Project Section is approximately 14 linear miles and would travel through the cities of Burbank, Glendale, and Los Angeles on an existing railroad corridor. It would be located within a narrow and constrained urban environment, crossing major streets and highways, with portions adjacent to the Los Angeles River. The Burbank to Los Angeles Project Section would include HSR stations near Hollywood Burbank Airport and at Los Angeles Union Station (LAUS). The HSR alignment would be entirely grade-separated so that the proposed HSR service would not interrupt or interface with other modes of transport, including vehicles, bicycles, and pedestrians.

This Health Risk Assessment (HRA) provides an analysis of localized air pollutant concentrations from the construction phase of the proposed project. The HSR Build Alternative would include several different types of construction activities. This assessment focuses on air pollutants from construction vehicle exhaust and fugitive dust entrainment from soil disturbance activities. Both criteria pollutants and toxic air contaminants were assessed for localized impacts. Analyses were conducted that considered chronic (long-term) and carcinogenic health risks. These analyses followed U.S. Environmental Protection Agency (USEPA), California Office of Environmental Health Hazard Assessment (OEHHA), and South Coast Air Quality Management District (SCAQMD) modeling guidance. Localized air pollutant analyses for roadway vehicles accessing the HSR stations during the operations phase can be found in the *Burbank to Los Angeles Project Section: Air Quality and Global Climate Change Technical Report* (California High Speed Rail Authority and the Federal Railroad Administration 2019).

The HRA includes three separate components: (1) emission inventory; (2) dispersion modeling; and (3) health risk calculations. Emissions from the construction of the HSR Build Alternative were calculated using the California Emission Estimator Model (CalEEMod) and emission factors from the California Air Resources Board (CARB) EMFAC and OFFROAD model. Dispersion modeling was performed using the U.S. EPA American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) model with meteorological data from the closest SCAQMD monitoring station. Sensitive receptors were placed at ground level at off-site residential, off-site school, and off-site recreational park locations. Cancer risk was calculated using the most recent (March 2015) Office of Environmental Health Hazard Assessment (OEHHA) guidelines for HRAs.

Construction activities associated with the Build Alternative would result in criteria pollutant emissions. Mass burden emission analysis includes maximum daily and annual emissions generated within the SCAQMD for each year of project construction. Emissions of CO and NO_x would exceed the SCAQMD's CEQA thresholds. Construction of the Build Alternative would also exceed the general conformity *de minimis* levels for NO_x. Under the General Conformity Rule, CO and NO_x emissions exceeding the *de minimis* levels can demonstrate conformity by conducting air quality modeling to show that CO and NO₂ concentrations would not cause or contribute to an increase in the severity or frequency of National Ambient Air Quality Standards (NAAQS) violations. Six discrete construction areas that would generate air pollutant emissions in heavy construction areas proximate to sensitive receptors were selected for evaluation. These construction areas include the Burbank SEM Tunneling and Cut and Cover area (i.e., below-grade alignment from Burbank Airport Station to Victory Place); the Burbank Boulevard grade separation area; the Glendale 2-mile rail segment area (i.e., between State Route (SR) 134 and Los Feliz Boulevard); the Metrolink Central Maintenance Facility (CMF) reconfiguration area; the Main Street grade separation area; and the LAUS Platform area. Maximum emissions from these

construction areas were estimated for the duration of construction and assigned to the construction areas where they would occur, relative to the distance to nearby sensitive receptors. The total CO and NO₂ emission concentrations were compared against the NAAQS and the California Ambient Air Quality Standards (CAAQS). The air pollutant dispersion analysis found that CO concentrations were below both the NAAQS and CAAQS. The 1-hour NO₂ concentration would exceed the both the NAAQS and CAAQS. Air pollutant concentrations for diesel particulate matter (DPM) were used in health risk calculations, which evaluated the chronic and carcinogenic health risks at sensitive receptors located near the construction work areas.

As a result of the health risk assessment, the analysis concludes that the various construction activities associated with six discrete construction areas would not generate pollutant concentrations of the magnitude that would result in health risks that exceed the applicable the SCAQMD significance threshold of 10 in one million. None of the discrete construction areas would result in exceedances of applicable thresholds for chronic hazard indices from the construction of the B-LA rail alignment. Therefore, the various construction activities associated with each of the discrete construction areas would not generate pollutant concentrations that result in health risks that exceed applicable thresholds.

1 INTRODUCTION

This report analyzes the potential for localized air quality impacts from the construction phase of the HSR Build Alternative for the Burbank to Los Angeles Project Section. The construction of the proposed project would likely progress in a predetermined series of smaller construction activities planned to accommodate the requirements of all the elements of the project. The areas that were analyzed for potential localized air quality impacts are based on the magnitude of air pollutant emissions, the proximity of sensitive receptors, and the exposure period to these pollutants.

This report describes the methods used to develop construction emission rates for each area of focus, the air pollutant dispersion modeling methods for construction emissions, and the estimated associated health risk impacts. Air pollutant dispersion modeling results were used to predict the ambient impacts of criteria pollutant emissions and evaluate these impacts with respect to the National Ambient Air Quality Standards (NAAQS) and the California Ambient Air Quality Standards (CAAQS). Health risk calculations were performed to evaluate the excess cancer risks and the acute and chronic noncancer health impacts on sensitive receptors located near the construction work areas.

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2 POLLUTANTS OF CONCERN

Criteria pollutants and toxic air contaminants (TAC)¹ were assessed for localized impacts. The following criteria pollutants were considered in this analysis of potential localized impacts:²

- Carbon monoxide (CO)
- Nitrogen dioxide (NO₂)

Noncriteria TACs were also analyzed for potential localized impacts. Sources of TACs include construction equipment exhaust, especially diesel fuel vehicles and equipment. The California Air Resources Board (CARB) and the California Office of Environmental Health Hazard Assessment (OEHHA) have identified TACs that may be emitted from construction vehicle and equipment sources. Construction equipment exhaust may contain diesel particulate matter (DPM), which has been identified by CARB as a TAC based on its potential to cause cancer and other adverse health problems, including respiratory illnesses and increased risk of heart disease. Analyses were conducted that considered chronic (long-term) carcinogenic, chronic non-carcinogenic, and acute (short-term) health risks. These analyses were conducted following OEHHA and South Coast Air Quality Management District (SCAQMD) modeling guidance.

¹ TACs are similar to hazardous air pollutants, a federal term for noncriteria pollutants that pose health impacts.

² Ozone and its precursors (reactive organic gases and oxides of nitrogen [NO_x]) are classified as regional impacts due to the atmospheric transport and chemical conversions that take place over long distances and time scales. Therefore, they are not analyzed in terms of localized impacts. Lead emissions are not considered because the mass emissions of this pollutant are very small and are unlikely to exceed the ambient air quality standards. Lead is quantified as a TAC component since it contains health toxicity factors.

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3 MODELED CONSTRUCTION AREAS

Construction of the project would generate emissions of ROG, NO_x, CO, SO_x, PM₁₀, PM_{2.5}, CO₂, CH₄, and N₂O that could result in short-term air quality and GHG effects. Emissions would originate from off-road equipment exhaust, employee and haul truck vehicle exhaust (on-road vehicles), site grading and earth movement, demolition, building construction, paving, and architectural coating. These emissions would be temporary (i.e., limited to the construction period of between the years 2020 and 2028) and would cease when construction activities are complete.

Combustion exhaust, fugitive dust (PM₁₀ and PM_{2.5}), and fugitive off-gassing (ROG) were estimated using a combination of emission factors and methodologies from CalEEMod, version 2016.3.2, the CARB's EMFAC2014 model and OFFROAD2011 based on project-specific construction data (e.g., schedule, equipment, haul truck material volumes) provided by the project engineering team.

3.1 Project Design Features

The Authority has developed IAMFs that would avoid or minimize potential air quality effects. Because IAMFs are included as part of the project design, they are not considered mitigation and are included as part of the project construction emissions estimate. Specifically, the following emissions benefits achieved by the IAMFs developed by the Authority were assumed in the modeling (refer to Section 9, High Speed Rail Project Impact Avoidance and Minimization Features, for full list of IAMFs):

- Fugitive dust reductions from earthmoving best management practices (AQ-IAMF#1):
 - PM from ground disturbance (i.e., scraping and grading activities), 61 percent
 - PM from unpaved vehicle travel (i.e., re-entrained road dust), 55 percent⁸
 - PM from demolition, 36 percent
- VOC reductions (93 percent) from application of architectural coatings (AQ-IAMF#2).
- Criteria pollutant and GHG reductions from use of renewable diesel (AQ-IAMF#3) in all off-road diesel-powered engines (Lovegrove and Tadross 2018):
 - PM, 30 percent
 - CO₂e, 99.1 percent
- Criteria pollutant and GHG reductions from use of Tier 4 off-road engines (AQ-IAMF#4). Emissions reductions vary by pollutant and equipment type. Emissions were modeled using Tier 4 emission rates from CalEEMod.
- Criteria pollutant and GHG reductions from use of model year 2010 or newer on-road engines in heavy-duty, diesel powered trucks (AQ-IAMF#5). Emissions reductions vary by pollutant, analysis year, and air basin. Emissions were modeled using emission rates derived from the CARB's EMFAC2014 model.

While the project design also includes emissions benefits achieved by the implementation of typical control measures such as water sprays, enclosures, and hoods at new concrete batch plants to minimize fugitive dust emissions (AQ-IAMF#6), the modeling for the project section did not account for these emissions benefits because the Authority anticipates that concrete for project construction would be supplied by existing batch plants in the region and that one concrete batch plant may be needed. These existing batch plants would be subject to air quality permits from SCAQMD and would comply with district rules to minimize emissions.

3.2 Regulatory Control Measures

The control measures required by both SCAQMD's Rule 403 (Fugitive Dust) and Rule 1113 (Architectural Coatings) are relatively the same or similar to AQ-IAMF#1 and AQ-IAMF#2, respectively. Accordingly, no additional reductions from compliance with air district rules are assumed in the emissions modeling.

The length of the HSR Build Alternative is approximately 14 miles. For the purposes of this analysis, the following six construction areas were evaluated for the potential to cause localized air quality effects:

- Burbank SEM Tunneling and Cut and Cover Construction Area
 - Construction of a 1.8-mile segment of the below grade alignment south of Burbank Airport Station to Victory Place
- Burbank Boulevard Overcrossing Construction Area
 - Construction of a grade separation Burbank Boulevard over new rail tracks along with the demolition of several buildings, construction of at-grade tracks south to Alameda Avenue, and rail bridge over Alameda Avenue.
- Glendale 2-Miles Rail Segment
 - Construction of a 2-mile segment of the at-grade alignment between SR 134 and Los Feliz Boulevard
- Metrolink Central Maintenance Facilities (CMF) Rail Track Reconfiguration Area
 - Construction of at-grade rail tracks from SR-2 to SR-110
 - Reconfiguration of the Metrolink CMF
- Main Street Grade Separation Construction Area
 - Construction of grade separation areas (Main Street)
 - Construction of the at-grade rail track alignment
- LAUS Platform Construction
 - Construction of the LAUS platforms

3.3 General Assumptions for Methodologies

The sources of air pollutants analyzed in this HRA include heavy equipment usage (bulldozers, backhoes, tractors, excavators, cranes, etc.) and trucks travelling to and from the sites (i.e., concrete trucks, excavation haul trucks, demolished material haul trucks, etc.).

Analysts used project section-specific data provided by the project engineers, including construction equipment lists and the construction schedule, for construction associated with the rail alignment, and performed calculations for each year of construction, which are anticipated to occur from 2020 to 2028. The analysis groups major construction activities into the following categories:

- Land Clearing
- Land Clearing Haul Roads
- Earthmoving
- Tunneling Cut-and-Cover
- Materials Handling
- Laying Track At-Grade
- System Facilities
- Buildings Demolition
- Bridge Demolition
- Elevated Structures Roads
- Elevated Structures Rail
- Roadway Construction
- Burbank Airport Station Construction
- Maintenance Station Facilities
- LAUS Platform Construction

A brief description of the approach and rationale for each construction area is provided in the following sections.

Each of these construction areas were evaluated independently of each other. These six discrete construction areas were selected based on the magnitude of construction, the resulting emissions, and proximity to sensitive receptors, including residents, schools, daycare centers, recreational parks, and hospitals. These selected construction areas were determined to have the highest total maximum daily emission rates; therefore, those emissions were used as a conservative representation of all construction components of the 14-mile alignment. It is assumed that if the selected construction areas do not show an exceedance of the CAAQS/NAAQS, neither will the other localized construction areas. This conclusion is based on the assumption that these selected construction areas will have the highest construction emissions and that any areas with fewer construction activities will have lower ambient air quality impacts. Assumptions about the construction equipment and vehicle estimates were obtained from the HSR construction engineering team and these variables were used in the setup of the AERMOD analysis. Section 5 provides more detailed modeling source parameters.

Since the six discrete construction areas analyzed were selected to represent the worst-case scenarios for construction-related air quality and health risk impacts on the maximum number of sensitive receptors along the Burbank to Los Angeles alignment, not every construction areas results are shown in Sections 4 through 7 applies to every project section Build Alternative. The selection of discrete construction locations was independent of Build Alternative, but the range of areas was designed to capture risks from all project section within the Build Alternative. In cases where multiple construction activities pass through a construction area, the analysis was defined using the highest emissions.

3.4 Burbank SEM Tunneling and Cut and Cover Construction Area

For the Burbank Airport Station to Victory Place rail track segment, a 1.8-mile segment of the alignment from south of the Burbank Airport Station to Victory Place was selected to represent the worst-case scenario of below grade rail construction activities. The construction emissions associated with this construction area include several different phases, such as installation of below-grade airport station, buildings demolition, cut-and-cover tunneling, earthmoving, land clearing, and both below- and at-grade track construction. For localized impacts, the analysis evaluated construction of the tunneling, cut-and-cover, and the at-grade portion of the track. The analysis assumed that emissions from project construction within the remainder of this segment would result in lower emission concentrations because they would have a reduced magnitude of construction activities and/or fewer sensitive receptors in the immediate proximity. The selected segment for analysis is adjacent to residential, commercial, and industrial buildings, as well as schools and recreational parks. Receptors were set at the project fence line boundary, discrete Cartesian receptors extending out to approximately 1,000 feet (300 meters) at up to 25 meters receptor fence line spacing to develop air pollutant concentration contours.

3.5 Burbank Boulevard Overcrossing Construction Area

For the Burbank Boulevard Overcrossing segment, the construction emissions associated with heavy equipment activities from Burbank Blvd Bridge (Road) to Alameda Ave Bridge (Rail) construction area. These construction activities would include bridges and buildings demolition, earthmoving, land clearing, elevated structures roads and rail construction, and both at-grade track and road construction. Receptors were set at the construction work boundary, discrete Cartesian receptors extending out to approximately 1,000 feet (300 meters) at up to 25 meters fence line grid spacing to develop air pollutant concentration contours.

3.6 Glendale 2-Miles Rail Segment

For the Glendale 2-Miles rail segment, a 2-mile segment of the alignment from SR 134 to Los Feliz Boulevard was selected to represent another worst-case scenario of rail construction and track realignment activities. The construction emissions associated with this construction area include several different phases, such as mobilization, demolition, earthmoving, land clearing, at-

grade track construction, and roadway/rail bridges. For localized impacts, the analysis evaluated construction of a 2-mile-long portion of the track. The analysis assumed that emissions from project construction within the remainder of this subsection would result in lower construction emission concentrations because they would have a reduced magnitude of construction and/or fewer sensitive receptors in the immediate proximity. The selected segment for analysis is adjacent to residential and low-income housing, commercial and industrial buildings, and schools. Receptors were set at the construction work boundary, discrete Cartesian receptors extending out to approximately 1,000 feet (300 meters) at up to 25 meters fence line grid spacing to develop air pollutant concentration contours. One roadway (Chevy Chase Drive) is proposed to be closed within this segment, and one new grade separation (Goodwin Avenue) would be built. Two existing railroad bridges (Colorado Street and Los Feliz Boulevard) would require modifications and widening.

3.7 Metrolink CMF Reconfiguration

The existing Metrolink CMF would be reconfigured as part of the HSR Build Alternative, with two electrified tracks placed along the west side of the CMF and two non-electrified tracks located along the east side. This construction area would require relocation and expansion of the rail yard and separation of the HSR alignment from the Amtrak and Metrolink tracks and maintenance facilities. For this analysis, several discrete Cartesian receptors for the local area was set up to evaluate pollutant exposure at residential units and schools. Based on the predominantly westerly wind information from the meteorological data, it is noted that the neighboring schools, playgrounds, parks, and residential areas are located on the downwind side of the CMF. Construction emissions and predicted air concentrations were modeled up to approximately 1,000 feet (300 meters) around the construction area.

3.8 Main Street Grade Separation Construction Area

The new Main Street grade separation was chosen to be the representative construction area for grade separation construction activity, due to the proximity of two large freeway intersections and residential units. This area was modeled using an extensive fence-line receptor network extending outward to cover all residential and mixed-use properties. Discrete receptor locations were set to represent the William Mead Homes just southwest of the Main Street grade separation area.

3.9 Los Angeles Union Station Platforms Construction Area

Emissions from LAUS Platforms construction would be a result of mass site grading and excavation, underground and aboveground facilities construction (i.e., train boarding platforms, the station building, pick-up/drop-off facilities for private autos, and the transit center for buses and shuttles), asphalt paving activates for surface roadways and parking areas, and architectural coatings. Emissions from LAUS Platforms would result from the construction of two 1,000-foot platform, four HSR tracks, and installation of the overhead catenary system. Where applicable, emissions resulting from worker trips, vendor trips, and construction equipment exhaust were included. CalEEMod was used to estimate emissions from the construction phases of the HSR stations.

4 EMISSIONS AND EMISSION RATES

4.1 Emissions from Construction Activities

Construction emissions for the HSR Build Alternative were quantified and analyzed. Proposed project construction activities expected to occur during the maximum daily and average annual construction period were summarized according to the construction schedule presented in Section 3.0 of the CalEEMod output files included in Appendix A of the Air Quality and Global Climate Change Technical Report. Emission estimates were broken down for each year of construction, from 2020 through 2028. Since the precise schedule is yet to be determined, the maximum construction emissions in pounds per hour were used to represent the worst-case emissions for the purpose of emission dispersion modeling and evaluation for a localized impact and potential for a human health risk impact.

Table 4-1 provides a summary of the maximum hourly construction emission data inputs in the dispersion model for each construction phase.

4.2 Emissions for Modeled Construction Work Areas

The emissions shown in

Table 4-1 were applied to the representative construction work areas for use in air dispersion modeling. Pollutant emissions were allocated to represent the types of construction activities and the relative size of the construction area.

Table 4-1 Construction Emission Data Inputs for the High-Speed Rail Build Alternative (pounds per hour)

Modeled Construction Work Area	Construction Phase	Emissions for Modeled Construction Work Area (Maximum Hourly Emissions - pounds per hour) ¹						
		VOC	CO	NO _x	SO ₂	PM ₁₀ ²	PM _{2.5} ²	DPM
Burbank Airport Station to Victory Place	Burbank Airport Station Construction	2.6814	1.0497375	1.020875	0.0017	0.098075	0.0699	0.0215765
	Buildings Demolition	0.3459125	7.5995375	4.142275	0.022525	1.2045875	0.286375	0.0315
	Land Clearing	0.0470375	1.5925	0.2029125	0.0033625	0.0304625	0.0109125	0.0054125
	Land Clearing Haul Roads	0.0290875	0.6131625	0.0902125	0.0013625	0.050075	0.01465	0.0019125
	Earthmoving	0.586925	9.957625	9.3466875	0.037475	3.2836125	0.84015	0.04885
	Tunneling Cut-and-Cover	1.0773625	30.21025	8.9311375	0.0695	5.637328767	0.839575	0.084975
	Materials Handling	0.0795125	2.362375	0.2167875	0.004225	0.1098625	0.0335875	0.006125
	Laying Track At-Grade	0.0797375	1.6532375	0.17995	0.00375	0.1429625	0.0415375	0.005025
	System Facilities	0.0641375	1.2014625	0.134475	0.0028875	0.1302625	0.037225	0.003725
Burbank Blvd Overcrossing Area (i.e., Burbank Blvd Bridge (Road) to Alameda Ave Bridge (Rail))	Bridge Demolition - Burbank	0.0433	1.3568125	0.2106375	0.0028625	0.0866	0.0225125	0.082575
	Bridge Demolition - Alameda	0.0469375	1.4763125	0.1880625	0.003075	0.067275	0.0196375	0.0627625
	Buildings Demolition	0.3459125	7.5995375	4.142275	0.022525	1.2045875	0.286375	0.0315
	Land Clearing	0.0470375	1.5925	0.2029125	0.0033625	0.0304625	0.0109125	0.0054125
	Land Clearing Haul Roads	0.0290875	0.6131625	0.0902125	0.0013625	0.050075	0.01465	0.0019125
	Earthmoving	0.586925	9.957625	9.3466875	0.037475	3.2836125	0.84015	0.04885
	Materials Handling	0.0795125	2.362375	0.2167875	0.004225	0.1098625	0.0335875	0.006125
	Elevated Structures Roads	0.06845	1.3099375	0.206175	0.0030125	0.13265	0.0379625	0.0038
	Elevated Structures Rail	0.1360125	2.8778125	0.3655875	0.00645	0.2400625	0.069925	0.008625
	Laying Track At-Grade	0.0797375	1.6532375	0.17995	0.00375	0.1429625	0.0415375	0.005025
	System Facilities	0.0641375	1.2014625	0.134475	0.0028875	0.1302625	0.037225	0.003725
	Roadway Construction	0.7454875	15.67715	2.3288625	0.033025	1.4381	0.411125	0.043475

Modeled Construction Work Area	Construction Phase	Emissions for Modeled Construction Work Area (Maximum Hourly Emissions - pounds per hour) ¹						
		VOC	CO	NO _x	SO ₂	PM ₁₀ ²	PM _{2.5} ²	DPM
Glendale 2-Mile Segment (between SR 134 and Los Feliz Boulevard)	Bridge Demolition -Colorado	0.0619875	2.0509	0.23515	0.003975	0.0946625	0.027525	0.08885
	Buildings Demolition	0.3426875	7.48055	4.3327375	0.023075	0.9767875	0.2242625	0.030375
	Land Clearing	0.0470375	1.5925	0.2029125	0.0033625	0.0304625	0.0109125	0.0054125
	Land Clearing Haul Roads	0.0290875	0.6131625	0.0902125	0.0013625	0.050075	0.01465	0.0019125
	Earthmoving	0.586925	9.957625	9.3466875	0.037475	3.2836125	0.84015	0.04885
	Materials Handling	0.0795125	2.362375	0.2167875	0.004225	0.1098625	0.0335875	0.006125
	Elevated Structures Roads	0.06845	1.3099375	0.206175	0.0030125	0.13265	0.0379625	0.0038
	Elevated Structures Rail	0.1360125	2.8778125	0.3655875	0.00645	0.2400625	0.069925	0.008625
	Laying Track At-Grade	0.0797375	1.6532375	0.17995	0.00375	0.1429625	0.0415375	0.005025
	System Facilities	0.0641375	1.2014625	0.134475	0.0028875	0.1302625	0.037225	0.003725
	Roadway Construction	0.7454875	15.67715	2.3288625	0.033025	1.4381	0.411125	0.043475
Metrolink CMF	Bridge Demolition - CMF Access	0.0475	1.480925	0.177025	0.003025	0.0574375	0.017975	0.0529125
	Bridge Demolition - Los Feliz	0.0679625	2.1115	0.258725	0.0040125	0.0925	0.027425	0.0865625
	Land Clearing	0.0470375	1.5925	0.2029125	0.0033625	0.0304625	0.0109125	0.0054125
	Land Clearing Haul Roads	0.0290875	0.6131625	0.0902125	0.0013625	0.050075	0.01465	0.0019125
	Earthmoving	0.586925	9.957625	9.3466875	0.037475	3.2836125	0.84015	0.04885
	Materials Handling	0.0795125	2.362375	0.2167875	0.004225	0.1098625	0.0335875	0.006125
	Elevated Structures Roads	0.06845	1.3099375	0.206175	0.0030125	0.13265	0.0379625	0.0038
	Elevated Structures Rail	0.1360125	2.8778125	0.3655875	0.00645	0.2400625	0.069925	0.008625
	Laying Track At-Grade	0.0797375	1.6532375	0.17995	0.00375	0.1429625	0.0415375	0.005025
	System Facilities	0.0641375	1.2014625	0.134475	0.0028875	0.1302625	0.037225	0.003725
	Roadway Construction	0.7454875	15.67715	2.3288625	0.033025	11.8064625	2.9546375	0.043475
	Maintenance Station Facilities	0.1627125	3.379875	0.3616625	0.0077625	0.285225	0.0832125	0.0105125

Modeled Construction Work Area	Construction Phase	Emissions for Modeled Construction Work Area (Maximum Hourly Emissions - pounds per hour) ¹						
		VOC	CO	NO _x	SO ₂	PM ₁₀ ²	PM _{2.5} ²	DPM
Main Street Grade Separation	Buildings Demolition	0.6079	4.7415875	5.4604125	0.0194625	1.1889	0.3402125	0.1527375
	Land Clearing	0.0470375	1.5925	0.2029125	0.0033625	0.0304625	0.0109125	0.0054125
	Land Clearing Haul Roads	0.0290875	0.6131625	0.0902125	0.0013625	0.050075	0.01465	0.0019125
	Earthmoving	0.586925	9.957625	9.3466875	0.037475	3.2836125	0.84015	0.04885
	Materials Handling	0.0795125	2.362375	0.2167875	0.004225	0.1098625	0.0335875	0.006125
	Elevated Structures Roads	0.06845	1.3099375	0.206175	0.0030125	0.13265	0.0379625	0.0038
	Elevated Structures Rail	0.1360125	2.8778125	0.3655875	0.00645	0.2400625	0.069925	0.008625
	Laying Track At-Grade	0.0797375	1.6532375	0.17995	0.00375	0.1429625	0.0415375	0.005025
	System Facilities	0.0641375	1.2014625	0.134475	0.0028875	0.1302625	0.037225	0.003725
	Roadway Construction	0.7454875	15.67715	2.3288625	0.033025	1.4381	0.411125	0.043475
LAUS Platforms	Station Platform Construction	0.48375	10.38125	1.39375	0.02	0.0525	0.03	0.012
	Materials Handling	0.0795125	2.362375	0.2167875	0.004225	0.1098625	0.0335875	0.006125
	System Facilities	0.0641375	1.2014625	0.134475	0.0028875	0.1302625	0.037225	0.003725

Source: California High Speed Rail (2019)

¹ The emissions used in this analysis are from on-site construction equipment exhaust, except as noted for PM₁₀ and PM_{2.5}.

² The PM₁₀ and PM_{2.5} emissions are from on-site construction equipment exhaust and fugitive dust.

³ DPM is equal to 100 percent of the estimated exhaust PM₁₀ only, not including the fugitive PM₁₀.

CMF = Central Maintenance Facility

CO = carbon monoxide

DPM = diesel particulate matter

HSR = high-speed rail

LAUS = Los Angeles Union Station

NO_x = nitrogen oxides

PM₁₀ = particulate matter smaller than or equal to 10 micrometers in diameter

PM_{2.5} = particulate matter smaller than or equal to 2.5 micrometers in diameter

SO₂ = sulfur dioxide

SR = State Route

VOC = volatile organic compound

5 DISPERSION MODELING METHODOLOGY

As the construction activities of the HSR Build Alternative have the potential to cause health impacts on nearby sensitive receptors, AERMOD was used to conduct detailed dispersion modeling analyses to quantify these potential impacts. AERMOD is approved by the U.S. Environmental Protection Agency (USEPA) for estimating the air quality impacts associated with point and fugitive sources in simple and complex terrain. The model was used to simulate meteorological and terrain conditions that affect air pollutant dispersal from construction emission sources and predict pollutant concentrations near the construction work areas. This allowed for a comparison of localized impacts of these construction emissions to the NAAQS and the CAAQS.

Furthermore, the SCAQMD requires that all Health Risk Assessments be prepared in accordance with the *OEHHA Air Toxic Hot Spots Program Risk Assessment Guidelines* (OEHHA 2015a) and using the USEPA's AERMOD air pollutant dispersion model (USEPA, October 2019), the CARB guidance,³ and the CARB computer program. The detailed information on the methodology and data used to conduct the air dispersion modeling is summarized below.

5.1 Inputs

Model: AERMOD Version 19191 was used to conduct the modeling analysis.

Meteorological Data: AERMOD requires meteorological data as input into the model. These are typically processed using AERMET, a pre-processor to AERMOD. AERMET requires surface meteorological data, upper-air meteorological data, and surface parameter data. The SCAQMD has several meteorological data sets that have been processed using AERMET available on its website.⁴ For the 1.8-mile segment, the 2-mile rail segment, and the Metrolink CMF, the nearest representative meteorological data (Burbank data set) were used. For the Main Street crossing and LAUS platform areas, the nearest representative meteorological data (Central Los Angeles data set) were used. Five years of meteorological data from 2012 through 2016 for the Burbank area and data from 2010 through 2011 and 2014 through 2016 for the Central Los Angeles area were used. The SCAQMD contracted the government meteorologist at Miramar to pre-process upper-air data from the Miramar meteorological station into the five-year Burbank meteorological dataset, making the entire dataset ready to use in AERMOD. The pre-processed data set is certified to meet the USEPA data quality requirements for use in AERMOD for regulatory modeling.

Terrain: The SCAQMD required surface roughness of approximately 3 feet (1 meter). Terrain data was downloaded from the U.S. Geological Survey data center and configured for the Universal Transverse Mercator coordinate system, matching the modeling domain of approximately 23,000 feet (7,000 meters) in all directions from the center of the project site. National Elevation Dataset 1/3 10-meter terrain data were downloaded for AERMOD use in determining the receptor elevation to be modeled.

Receptors: Receptors were modeled using a fence-line grid with various receptor spacing from the project fence line to approximately 1,000 feet (300 meters). For the rail segment, the sites were conservatively modeled with sensitive receptors located adjacent to the modeled construction work areas. All receptors were modeled at a height of approximately 6 feet (1.8 meters). All six work areas were set with 25-meter fence-line grid spacing and additional lateral grid spacing at up to 25-meter intervals to approximately 1,000 feet (300 meters). Discrete receptors were placed at sensitive receptor locations (e.g., residential units, senior citizen centers, and elementary schools) to analyze pollutant concentrations.

³ Office of Environmental Health Hazard Assessment. http://oehha.ca.gov/air/hot_spots/hotspots2015.html (accessed April 2017).

⁴ South Coast Air Quality Management District (SCAQMD). 2016. www.aqmd.gov/home/library/air-quality-data-studies/meteorological-data/data-for-aermod (accessed April 2017).

Source Parameters: Construction work areas were modeled as area (open pit and polygon areas) sources. The area sources were assumed to have a release height of 10 feet (3 meters). Table 5-1 provides a summary of model source parameters. Sources were modeled using the urban land use option, and the population of Burbank, Glendale, and downtown Los Angeles was used for receptor density.

Table 5-1 AERMOD Model Source Parameters

Construction Work Area	Source Type	Size of Modeled Area ¹	Release Height
Burbank Tunneling Cut & Cover 1.8-Mile Segment (between Burbank Airport Station and Victory Place)	1st Open Pit	1,596,819 square feet (148,349 square meters)	10 feet (3 meters)
	2nd Areapoly	701,929 square feet (65,211 square meters)	10 feet (3 meters)
Burbank Boulevard Overcrossing Area	Areapoly	828,546 square feet (76,975 square meters)	10 feet (3 meters)
Glendale 2-Mile Segment (between SR 134 and Los Feliz Boulevard)	Areapoly	1,637,313 square feet (152,111 square meters)	10 feet (3 meters)
Metrolink CMF Area	Areapoly	1,957,237 square feet (181,833 square meters)	10 feet (3 meters)
Main Street Grade Separation	Areapoly	599,446 square feet (55,691 square meters)	10 feet (3 meters)
LAUS Platforms	Areapoly	115,687 square feet (10,748 square meters)	10 feet (3 meters)

Source: California High Speed Rail (2019)

¹ The sizes of modeled areas are shown as dimensions of length and width where the modeled work area is a rectangular shape. For irregularly shaped modeled work areas, such as those modeled as polygon area sources (Areapoly), the approximate area of the source is shown.

AERMOD = American Meteorological Society/Environmental Protection Agency Regulatory Model

CMF = Central Maintenance Facility

LAUS = Los Angeles Union Station

SR = State Route

Model Output Options

The AERMOD dispersion model can provide results for different averaging time periods, such as hourly, daily, and annual. The averaging times used for the ambient air quality standards and concentration thresholds are different for each pollutant. To compare the modeling results to the applicable ambient air quality standards and thresholds, criteria pollutant concentrations were calculated as outlined below:

- **NO₂:** The one-hour average, 24-hour average, and annual average concentrations were calculated. The one-hour average was calculated using the multiyear average of the eighth-highest one-hour daily maximum value for each year, consistent with the statistical description of the ambient air quality standard. The annual average concentration was calculated using the average of the five years of meteorological data. In order to convert the NO_x emissions to NO₂ emissions, a default ambient NO₂/NO_x ratio method representing the extent of conversion by distance is applied.
- **CO:** The one-hour and eight-hour averages were calculated. The maximum one-hour and eight-hour concentrations for the five years of meteorological data were used.

6 COMPARISON TO THE AMBIENT AIR QUALITY STANDARDS

In order to determine if the incremental concentrations associated with construction emissions would cause or contribute to exceedances of the NAAQS and the CAAQS, the appropriate background concentrations for all attainment pollutants are required. For a given pollutant, the appropriate background concentration is added to the incremental concentration estimated from the air dispersion modeling. If the combined value exceeds the NAAQS or CAAQS of that pollutant, then the emissions could contribute to exceedances. The background concentrations were based on the SCAQMD-reported monitoring background values where available. For pollutants and averaging times that did not have reported background values from the SCAQMD, the highest recent values of CARB monitors near the HSR Build Alternative were conservatively used, as noted for each pollutant in the following tables.

Table 6-1 and Table 6-2 show the estimated CO and NO₂ ambient air concentrations for each of the construction work areas, respectively. The predicted one-hour NO₂ and annual NO₂ ambient impacts would exceed the one-hour NAAQS and CAAQS standards. The predicted annual NO₂ would exceed the CAAQS. The predicted one- and eight-hour CO ambient impacts for all of the work areas are below the NAAQS and CAAQS.

Table 6-1 Carbon Monoxide Concentrations from Construction Emissions

Construction Area	Maximum Incremental Off-Site Average CO Concentration (µg/m ³) Unmitigated		Background CO Concentration (µg/m ³) ¹		Total Off-Site CO Concentration (µg/m ³)		NAAQS (µg/m ³ equivalent)		CAAQS (µg/m ³ equivalent)	
	1-hour	8-hour	1-hour ¹	8-hour ²	1-hour	8-hour	1-hour	8-hour	1-hour	8-hour
Burbank Tunneling Cut & Cover 1.8-Mile Segment (between Burbank Airport Station and Victory Place)	3,161	1,060	2,514	2,000	5,675	3,060	40,000	10,000	23,000	10,000
Burbank Boulevard Overcrossing Area	3,160	1,060	2,514	2,000	5,674	3,060	40,000	10,000	23,000	10,000
Glendale 2-Mile Segment (between SR 134 and Los Feliz Boulevard)	903	277	2,514	2,000	3,417	2,277	40,000	10,000	23,000	10,000
Metrolink CMF Area	519	144	2,514	2,000	3,033	2,144	40,000	10,000	23,000	10,000
Main Street Grade Separation	2,182	782	2,514	2,000	4,696	2,782	40,000	10,000	23,000	10,000
LAUS Platforms	1,785	603	2,514	2,000	4,299	2,603	40,000	10,000	23,000	10,000

Sources: California High Speed Rail (2019); South Coast Air Quality Management District, Historical Data by Year, <http://www.aqmd.gov/home/air-quality/historical-air-quality-data/historical-data-by-year> (accessed December 2019); California Air Resources Board, California Ambient Air Quality Standards, <https://www.arb.ca.gov/research/aqs/caaqs/caaqs.htm> (accessed December 2019)

¹ The highest monitored one-hour value from the Pasadena station or Central Los Angeles station was used as the background concentration.

² The highest monitored eight-hour value from the Pasadena station or Central Los Angeles station was used as the background concentration.

µg/m³ = micrograms per cubic meter

CAAQS = California Ambient Air Quality Standards

CMF = Central Maintenance Facility

CO = carbon monoxide

LAUS = Los Angeles Union Station

N/A = not applicable

NAAQS = National Ambient Air Quality Standards

SR = State Route

TBP = to be provided

Table 6-2 Nitrogen Dioxide Concentrations from Construction Emissions

Construction Area	Maximum Incremental Off-Site Average NO ₂ Concentration (µg/m ³)		Background Concentration (µg/m ³) ¹		Total Off-Site NO ₂ Concentration (µg/m ³)		NAAQS		CAAQS	
	1-hour	Annual	1-hour	Annual	1-hour	Annual	1-hour	Annual	1-hour	Annual
Burbank Tunneling Cut & Cover 1.8-Mile Segment (between Burbank Airport Station and Victory Place)	438	20.3	152	39.6	590*	59.9*	188	100	339	57
Burbank Boulevard Overcrossing Area	294	2.4			446*	42.0				
Glendale 2-Mile Segment (between SR 134 and Los Feliz Boulevard)	146	10.9			298*	50.5				
Metrolink CMF Area	109	5.7			261*	45.3				
Main Street Grade Separation	491	37.7			643*	77.3*				
LAUS Platforms	131	10.2			283*	49.8				

Sources: California High Speed Rail (2019); South Coast Air Quality Management District, Historical Data by Year, <http://www.aqmd.gov/home/air-quality/historical-air-quality-data/historical-data-by-year> (accessed December 2019); California Air Resources Board, California Ambient Air Quality Standards, <https://www.arb.ca.gov/research/aaqs/caaqs/caaqs.htm> (accessed December 2019)

¹ The highest monitored one-hour value from the Pasadena station or Central Los Angeles station was used as the background concentration.

² The highest monitored annual value from the Pasadena station or Central Los Angeles station was used as the background concentration.

³ Exceedances of the LSTs are shown in **bold with asterisks**.

µg/m³ = micrograms per cubic meter

CAAQS = California Ambient Air Quality Standards

CMF = Central Maintenance Facility

LAUS = Los Angeles Union Station

LST = localized significance threshold

N/A = not applicable

NAAQS = National Ambient Air Quality Standards

NO₂ = nitrogen dioxide

SR = State Route

TBP = to be provided

7 HEALTH IMPACTS METHODOLOGY

TACs can result in a variety of health impacts. Health impacts are typically classified as carcinogenic (cancer causing) or noncarcinogenic (noncancer-causing). The severity of these adverse health impacts from TACs are typically based on the amount of exposure to the TAC. The methodology used to determine the severity of a health impact is described below for both carcinogenic and noncarcinogenic impacts. Carcinogenic health impacts are typically represented as the estimated excess lifetime cancer risk. SCAQMD considers an excess cancer risk of 10 in 1 million or greater to be significant. Noncarcinogenic health impacts are measured as a hazard index (HI). SCAQMD considers a HI of 1 or greater to be significant (SCAQMD 2015).

7.1 Exposure

The exposure parameters used for estimating the excess lifetime cancer risk and chronic noncancer HI for all potentially exposed populations were obtained using risk assessment guidelines from the OEHHA (unless otherwise noted) and are presented below.

The inhalation dose is a function of the concentration of a chemical and the intake of that chemical. The dose can be calculated as follows:

$$Dose = \frac{Conc * TAF * DBR * ET * EF * ED * CF}{AT}$$

Where:

Dose	=	Dose of chemical (mg/kg-day)
Conc	=	Chemical concentration in air (µg/m ³)
TAF	=	Time Adjustment Factor ⁵ (unitless)
DBR	=	Daily Breathing Rate (L/kg-day)
ET	=	Exposure Time (hours/day)
EF	=	Exposure Frequency (days/year)
ED	=	Exposure Duration (years)
CF	=	Conversion Factor (m ³ /L and mg/µg)
AT	=	Averaging Time (days)

7.2 Toxicity Assessment

The toxicity assessment characterizes the relationship between the magnitude of exposure and the nature and magnitude of adverse health effects that may result from such exposure. Toxicity values are used in conjunction with the calculated exposures to estimate the likelihood of adverse effects occurring. These adverse health effects are classified into two broad categories: cancer and noncancer endpoints. This section presents the toxicity assessments for DPM.

Diesel exhaust, a complex mixture that includes hundreds of individual constituents, is identified by the state as a known carcinogen. Consistent with California regulatory guidelines, this Health Risk Assessment used DPM as a surrogate measure of carcinogen exposure for the mixture of chemicals that make up diesel exhaust as a whole. Table 7-1 shows the toxicity values for DPM. Although certain components of DPM may pose acute and chronic noncancer health risks, cancer risk is typically the driving health impact for DPM (CARB 2019).

⁵ This factor adjusts the concentration to account for the overlap in time of sources and receptors, and is used for school and daycare receptors.

Table 7-1 Toxicity Factors

Pollutant	Cancer Potency Factor ¹	Chronic Reference Exposure Level	Acute Reference Exposure Level
DPM	1.1	5	N/A

Sources: Office of Environmental Health Hazard Assessment, Hot Spots Unit Risk and Cancer Potency Values as of May 2019, <https://oehha.ca.gov/media/CPFs042909.pdf>; Office of Environmental Health Hazard Assessment, Air Toxicology and Epidemiology: All OEHHA Acute, eight-hour and Chronic Reference Exposure Levels as of November 2019, <https://oehha.ca.gov/air/general-info/oehha-acute-8-hour-and-chronic-reference-exposure-level-rel-summary>

¹ Cancer potency factors were restricted to inhalation risks.

DPM = diesel particulate matter

N/A = not applicable

OEHHA = Office of Environmental Health Hazard Assessment

7.3 Risk Characterization

The SCAQMD generally categorizes potential health impacts from TACs as carcinogenic and noncarcinogenic effects. The following sections describe how these risks are characterized and calculated.

7.3.1 Carcinogenic Effects

Excess lifetime cancer risks are estimated as the upper-bound incremental probability that an individual will develop cancer over their lifetime as a direct result of exposure to potential carcinogens. The estimated risk is expressed as a unitless probability. The cancer risk attributed to a chemical is calculated by multiplying the chemical intake or dose at the human exchange boundaries (e.g., lungs) by the chemical-specific cancer potency factor. Table 7-2 lists the specific cancer potency factors used in this analysis.

Table 7-2 Exposure Factors

Population	Age	FAH	DBR/BW (L/kg-day)	ET	EF (days)	ED (years)	CF	AT (years)	ASF
Residential	0	1	361	0.96	350	9	0.000001	70	10
	0 to <2 months	1	1,090	0.96	350	9	0.000001	70	10
	2 to <9 years	1	631	0.96	350	9	0.000001	70	3
	9 to <16 years	1	572	0.96	350	9	0.000001	70	3
	16 to <30 years	0.73	261	0.96	350	9	0.000001	70	13
	16 to <70 years	0.73	233	0.96	350	9	0.000001	70	1
Recreational	0	1	0	0.08	350	9	0.000001	70	10
	0 to <2 months	1	1,200	0.08	350	9	0.000001	70	10
	2 to <9 years	1	640	0.08	350	9	0.000001	70	3
	9 to <16 years	1	520	0.08	350	9	0.000001	70	3
	16 to <30 years	0.73	240	0.08	350	9	0.000001	70	1
	16 to <70 years	0.73	230	0.08	350	9	0.000001	70	1
School	0	1	00	0.12	180	9	0.000001	70	10
	0 to <2 months	1	1,200	0.12	180	9	0.000001	70	10
	2 to <9 years	1	640	0.12	180	9	0.000001	70	3
	9 to <16 years	1	520	0.12	180	9	0.000001	70	3
	16 to <30 years	0.73	240	0.12	180	9	0.000001	70	1
	16 to <70 years	0.73	230	0.12	180	9	0.000001	70	1

Source: Office of Environmental Health Hazard Assessment, Air Toxics Hot Spots Program Guidance Manual for the Preparation of Risk Assessments (February 2015)

1. The FAH is used to adjust the modeled concentration to account for overlap in time of construction emissions and school exposure. This is an adjustment from 24 hours to eight hours and from seven days per week to five days per week. This is consistent with OEHHA guidance.

2. The mean DBR was used based on recommendations from the OEHHA (2015) and normalized to BW.

3. The ET accounts for the fraction of time an individual is at the location based on recommendations from OEHHA (2015).

4. The EF accounts for the number of days of exposure per year.

5. The ED accounts for the amount of time in years an individual is at the location based on recommendations from OEHHA.

6. The AT is based on a 70-year exposure.

7. ASFs are included to adjust the cancer potency factor for early-age exposure based on recommendations from OEHHA (2015).

ASF = Age Sensitivity Factor

AT = Averaging Time

BW = body weight

CF = Conversion Factor

CRAF = Cancer Risk Adjustment Factor

DBR = daily breathing rate

DBR/BW = daily breathing rate normalized to body weight

ED = exposure duration

EF = exposure frequency

ET = exposure time

FAH = frequency of time spent at home

L/kg = liters per kilogram

OEHHA = Office of Environmental Health Hazard Assessment

TAF = time adjustment factor

The estimated excess lifetime cancer risk for a resident child, a daycare child, and a schoolchild were adjusted using the age sensitivity factors (ASF) recommended by OEHHA (OEHHA 2015). This approach accounts for the “anticipated special sensitivity to carcinogens” of infants and children. Cancer risk estimates are weighted by a factor of 10 for exposures that occur from the third trimester of pregnancy to two years of age, and by a factor of three for exposures that occur from two years through 15 years of age. No weighting factor (i.e., an ASF of one, which is equivalent to no adjustment) is applied to ages 16 years to 70 years.

For example, individual cancer risk is directly proportional to the frequency and duration of exposure to TACs, modified by age sensitivity factors. The age sensitivity factors multiply the risk by 10 for third-trimester fetuses to age 2 (labeled by OEHHA as “0 < 2”); by 3 for children age 2 to 16 (“2 < 16”), and by 1 for persons age 16 and older.

For each receptor type, the youngest expected age range was modeled in the Health Risk Assessment to produce the most conservative (highest) risk result. For example, the calculation of residential cancer risk assumes that the exposed person is in the third trimester before birth at the beginning of the exposure period. This assumption maximizes the use of the childhood age sensitivity factors in the cancer risk calculation. Moreover, the calculated cancer risk is increased even further during childhood years by using higher breathing rates per body weight than adults.

For each sub-period calculated in this health risk assessment, the average annual construction emissions that would occur during that sub-period were used. The cancer risk results for each sub-period were then summed to obtain the cancer risk for the 9-year construction exposure duration. For example, the residential cancer risk for the proposed project was determined by calculating once for each of three sub-periods. The first sub-period represents a receptor age of $0 < 2$, assumes an exposure duration of two years, and uses construction emissions averaged over the 9-year construction period. The second sub-period represents a receptor age of $2 < 16$ and assumes an exposure duration of 9 years (i.e., the maximum construction duration period). The third sub-period represents a receptor age of $16 < 30$ and also assumes an exposure duration of 9 years. The cancer risks calculated for these three sub-periods were then summed to obtain the total cancer risks for the 9-year construction exposure duration.

The equation used to calculate the potential excess lifetime cancer risk for the inhalation pathway is as follows:

$$\text{Risk}_i = \text{Dose}_i * \text{CPF}_i * \text{ASF}$$

Where:

Risk_i	=	Cancer Risk; the incremental probability of an individual developing cancer as a result of inhalation exposure to a particular potential carcinogen (unitless)
Dose	=	Dose of chemical (mg/kg-day)
CPF_i	=	Cancer Potency Factor for Chemical i (mg chemical/kg body weight-day) ¹
ASF	=	Age Sensitivity Factor

7.3.2 Noncarcinogenic Effects

The potential for exposure to result in chronic noncancer effects is evaluated by comparing the estimated annual average air concentration (which is equivalent to the average daily air concentration) to the chemical-specific noncancer chronic reference exposure levels.

When calculated for a single chemical, the comparison yields a ratio termed a hazard quotient (HQ). To evaluate the potential for adverse chronic noncancer health effects from simultaneous exposure to multiple chemicals, the HQs for all chemicals are summed, yielding an HI. Conservatively, HIs are the sum of individual HQs, regardless of organ system. Table 7-2 lists the specific reference exposure levels used in this analysis.

The equations used to calculate the chemical-specific HQs consist of the following:

$$\text{Chronic HQ}_i = C_i \div \text{REL}_i$$

Where:

Chronic HQ_i	=	Chronic Hazard Quotient for Chemical i (unitless)
C_i	=	Annual Average Air Concentration for Chemical i ($\mu\text{g}/\text{m}^3$)
REL_i	=	Chronic Noncancer Reference Exposure Level for Chemical i ($\mu\text{g}/\text{m}^3$)

The OEHHHA has not identified potential health risks associated with acute exposure to DPM. As such, acute exposures to DPM are not evaluated further in this analysis.

7.4 Health Risk Assessment Results

For cancer impacts, a threshold of 10 excess cancers in 1 million is used. For a chronic HI, a threshold of 1.0 is used. According to the construction localized emission concentrations from the AERMOD dispersion modeling analysis, construction activities along the alignment (including roadway modifications or grade separations) would present an incremental increase in DPM emissions from construction equipment exhaust that would generate an incremental cancer risk of 2.97 in 1 million for the residential receptor. Table 7-3 presents the highest cancer risk and chronic hazard indices at the maximally exposed individual sensitive receptor location modeled for each work area under the nine-year construction exposure period. Each of the six discrete construction locations analyzed were designed to represent the “worst-case” in terms of construction-related air quality and health risk impacts, typically those that have a large amount of construction activity with exhaust vented to the air near sensitive receptors along the B-LA rail alignment. As shown in Table 7-3, none of the sensitive receptors nearby the six construction areas would exceed the cancer risk thresholds or the chronic hazard indices.

Table 7-3 Diesel Particulate Matter Cancer Risk Associated with Construction Emissions

Highest Risk, by Risk Type and Receptor Type	Sensitive Receptor Type		
	Residential ¹	Recreational	School
Burbank Tunneling Cut & Cover 1.8-Mile Segment (between Burbank Airport Station and Victory Place)			
Cancer Risk (per Million)	1.11	0.52	0.56
Noncancer Chronic Hazard Index	0.005	0.001	0.001
Burbank Boulevard Overcrossing Area			
Cancer Risk (per Million)	2.64	0.34	0.42
Noncancer Chronic Hazard Index	0.013	0.001	0.001
Glendale 2-Mile Segment (between SR 134 and Los Feliz Boulevard)			
Cancer Risk (per Million)	2.97	1.00	0.39
Noncancer Chronic Hazard Index	0.014	0.010	0.001
Metrolink CMF Area			
Cancer Risk (per Million)	1.10	1.42	1.12
Noncancer Chronic Hazard Index	0.005	0.005	0.005
Main Street Grade Separation			
Cancer Risk (per Million)	1.09	0.08	1.27
Noncancer Chronic Hazard Index	0.005	0.001	0.005
LAUS Platforms			
Cancer Risk (per Million)	2.14	N/A	N/A
Noncancer Chronic Hazard Index	0.010	N/A	N/A

Source: California High Speed Rail (2019)

¹ 30-year residential health risk was estimated based on the projected ambient air concentrations estimated from air dispersion modeling along with exposure factors and cancer potency factors.

CMF = Central Maintenance Facility

LAUS = Los Angeles Union Station

SR = State Route

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8 UNCERTAINTIES IN HEALTH RISK

The process of assessing health risks and impacts includes a degree of uncertainty. The level of uncertainty is dependent on the availability of data and the extent to which assumptions are relied upon in cases where the data are incomplete or unknown. All HRAs, including this HRA, rely upon scientific studies in order to reduce the level of uncertainty; however, it is not possible to completely eliminate uncertainty from the analysis. Where assumptions are used to substitute for incomplete or unknown data, it is standard practice to err on the side of health protection in order to avoid underestimating or underreporting the risk to the public. Therefore, as discussed earlier, this HRA used for the purpose of the EIR/EIS followed standard practice of side of health protection in cases where assumptions were relied upon. In general, sources of uncertainty that may lead to an overestimation or an underestimation of the risk include: (1) extrapolation of toxicity data in animals to humans; (2) uncertainty in the estimation of the emissions; (3) uncertainty in the air dispersion models; and (4) uncertainty in the exposure estimates. These sources of uncertainty, as they relate to the HSR Build Alternative, are describe in greater detail below. In addition to uncertainty, there exists “a natural range or variability in the human population in such properties as height, weight, and susceptibility to chemical toxicants.”⁶ As mentioned previously, it is typical to err on the side of health protection by assessing risk on the most sensitive populations, such as children and the elderly. Some examples of uncertainty or overestimation may include:

- Receptor exposure duration: The HRA assumes residents would be exposed to HSR Build Alternative related construction DPM concentration for almost 20 hours per day, 350 days per year. Although fraction of time at home was taken into consideration, most residents would leave the house during the daytime hours for work, school, or other activities away from home. Residents, who leave the home, particularly during daytime hours when construction activity would be taking place on the project sites, would experience a substantially lower exposure duration and a substantially lower risk level.
- Emissions estimation: Emissions from diesel powered equipment are assumed to be running continuously during the construction workday. While some equipment may run continuously during each work day, some equipment may sit idle or be used for only a few hours per day. The HRA assumes a worst-case scenario where all equipment would be running during the workday generating DPM emissions.
- Dispersion modeling parameters: The AERMOD dispersion model is able to account for dust deposition while in transport through the air, which would deplete the plume (lower concentration). As an emissions plume travels from the source to the receptor, heavier particles may drop out of the plume resulting in lower concentrations for receptors located farther away from the source. As a worst-case scenario, the dispersion modeling did not account for plume depletion due to deposition as sensitive receptor are located relatively close to the construction emissions generating activities.

⁶ Office of Environmental Health Hazard Assessment, Air Toxics Hot Spot Program Guidance Manual for Preparation of Health Risk Assessments, *February 2015*.

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9 CONCLUSIONS

The HSR Build Alternative was evaluated to determine whether the emissions associated with construction would result in localized adverse air quality impacts. The maximum CO and NO₂ emission concentrations were compared against the NAAQS and CAAQS. The air pollutant dispersion analysis found that CO concentrations were below both the NAAQS and CAAQS. The 1-hour NO₂ concentration would exceed the both the NAAQS and CAAQS. In addition, the impacts were assessed by evaluating the increased DPM concentrations and conducting a Health Risk Assessment. In summary, the representative six discrete construction areas would not generate DPM concentration that would result in health risks that exceed applicable the SCAQMD significance threshold of 10 in one million or the for chronic health indices. The findings of significance for potential localized impacts are discussed in Section 3.3 of the Draft Environmental Impact Report/Environmental Impact Statement for the proposed project.

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10 REFERENCES

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ATTACHMENT A: AERMOD MODELING RESULTS

This attachment contains AERMOD Output Files for use in the following analysis:

1. Burbank SEM Tunneling and Cut & Cover Segment Construction Area

- a. DPM Human Health Risk Analysis
- b. CO Analysis
- c. NO₂ Analysis

2. Burbank Boulevard Grade Separation Construction Area

- a. DPM Human Health Risk Analysis
- b. CO Analysis
- c. NO₂ Analysis

3. Glendale 2-Mile Segment Construction Area

- a. DPM Human Health Risk Analysis
- b. CO Analysis
- c. NO₂ Analysis

4. Metrolink CMF Construction Area

- a. DPM Human Health Risk Analysis
- b. CO Analysis
- c. NO₂ Analysis

5. Main Street Overpass Construction Area

- a. DPM Human Health Risk Analysis
- b. CO Analysis
- c. NO₂ Analysis

6. Los Angeles Union Station Platform Construction Area

- a. DPM Human Health Risk Analysis
- b. CO Analysis
- c. NO₂ Analysis

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**
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** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
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LA_DPM_BAS_Tunnel_Cut_Cover.ADI
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**
*****
** AERMOD Control Pathway
*****
**
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  AVERTIME 24 PERIOD
  URBANOPT 104834 City_of_Burbank_(2017)
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL HSR_B-LA_DPM_BAS_Tunnel_Cut_Cover.err
CO FINISHED
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** AERMOD Source Pathway
*****
**
**
SO STARTING
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** Source ID - Type - X Coord. - Y Coord. **
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** DESCRSRC Open Pit Area 1 Burbank Airport Station
LOCATION OPIT2          OPENPIT      375472.450  3784583.880          0.0
** DESCRSRC Open Pit Area 2 South of Runway
LOCATION OPIT3          OPENPIT      375606.746  3784345.824          0.0
** DESCRSRC Open Pit Area 3 at Hollywood Blvd and Empire Ave
LOCATION OPIT4          OPENPIT      375749.768  3784228.874          0.0
** DESCRSRC Open Pit Area 4 at Vanowen Street and Empire Ave
LOCATION OPIT5          OPENPIT      376058.707  3784139.025          0.0
** DESCRSRC Open Pit Area 5 at Vanowen Street
LOCATION PAREA1         AREAPOLY      376062.540  3784143.009          0.0
** DESCRSRC At Grade Track Construction Area 6
LOCATION PAREA2         AREAPOLY      376692.773  3784005.966          0.0
** DESCRSRC At Grade Track Construction Area 7
** Source Parameters **
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2626434.499      -9.500

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[illegible]

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    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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** AERMOD Receptor Pathway
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** No. of Tiers = 1
** Tier 1: Segment Distance = 25.00
** Tier 1: Tier Spacing = 25.00
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DISCCART	375255.85	3785155.12
DISCCART	375256.01	3785178.99
DISCCART	375256.17	3785202.86
DISCCART	375256.33	3785226.73
DISCCART	375256.49	3785250.60
DISCCART	375256.65	3785274.47
DISCCART	375256.81	3785298.34
DISCCART	375256.98	3785322.21
DISCCART	375257.14	3785346.08
DISCCART	375257.30	3785369.95
DISCCART	375257.46	3785393.82
DISCCART	375257.62	3785417.69
DISCCART	375257.78	3785441.56
DISCCART	375257.94	3785465.43
DISCCART	375258.11	3785489.30
DISCCART	375258.27	3785513.17
DISCCART	375258.43	3785537.04
DISCCART	375258.59	3785560.91
DISCCART	375252.41	3785600.37
DISCCART	375245.96	3785643.69
DISCCART	375239.51	3785687.01
DISCCART	375215.85	3785687.35
DISCCART	375193.27	3785687.35
DISCCART	375168.27	3785711.95
DISCCART	375167.91	3785734.53
DISCCART	375167.56	3785757.11
DISCCART	375167.20	3785779.69
DISCCART	375166.84	3785802.27
DISCCART	375166.48	3785824.85
DISCCART	375166.12	3785847.43
DISCCART	375165.76	3785870.00
DISCCART	375165.40	3785892.58
DISCCART	375165.04	3785915.16
DISCCART	375188.37	3785940.50
DISCCART	375212.57	3785942.12
DISCCART	375208.66	3785982.26
DISCCART	375212.77	3786021.88
DISCCART	375236.96	3786050.91
DISCCART	375261.15	3786079.94
DISCCART	375296.56	3786082.98
DISCCART	375314.95	3786067.34

DISCCART	375333.33	3786051.69
DISCCART	375351.72	3786036.05
DISCCART	375370.11	3786020.40
DISCCART	375388.49	3786004.76
DISCCART	375406.88	3785989.11
DISCCART	375425.27	3785973.47
DISCCART	375443.65	3785957.82
DISCCART	375462.04	3785942.18
DISCCART	375480.43	3785926.54
DISCCART	375498.81	3785910.89
DISCCART	375517.20	3785895.25
DISCCART	375535.59	3785879.60
DISCCART	375553.97	3785863.96
DISCCART	375572.36	3785848.31
DISCCART	375590.74	3785832.67
DISCCART	375609.13	3785817.02
DISCCART	375627.52	3785801.38
DISCCART	375645.90	3785785.73
DISCCART	375664.29	3785770.09
DISCCART	375672.98	3785748.72
DISCCART	375669.11	3785707.43
DISCCART	375663.30	3785645.50

** END OF FENCELINE GRID RECEPTORS

** Discrete Cartesian Plant Boundary - Primary Receptors

** Plant Boundary Name PLBN1

** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"

DISCCART	375280.36	3786063.94
DISCCART	375231.98	3786005.88
DISCCART	375238.43	3785918.79
DISCCART	375190.04	3785915.56
DISCCART	375193.27	3785712.35
DISCCART	375261.01	3785712.35
DISCCART	375283.59	3785560.74
DISCCART	375280.36	3785083.34
DISCCART	375367.46	3785080.12
DISCCART	375367.46	3785060.76
DISCCART	375396.49	3785060.76
DISCCART	375448.10	3784776.91
DISCCART	375412.62	3784757.55
DISCCART	375438.42	3784667.23
DISCCART	375406.16	3784667.23
DISCCART	375406.16	3784593.04
DISCCART	375464.23	3784583.37
DISCCART	375528.74	3784444.66
DISCCART	375435.19	3784444.66
DISCCART	375441.65	3784351.12
DISCCART	375631.96	3784293.06
DISCCART	375635.19	3784228.54
DISCCART	375935.17	3784135.00
DISCCART	375928.72	3784067.26
DISCCART	376060.97	3784057.58
DISCCART	376064.20	3784102.74
DISCCART	376083.55	3784099.52
DISCCART	376086.78	3784086.61

DISCCART	376119.03	3784083.39
DISCCART	376115.81	3784070.49
DISCCART	376131.94	3784070.49
DISCCART	376131.94	3784060.81
DISCCART	376180.32	3784060.81
DISCCART	376180.32	3784047.91
DISCCART	376219.03	3784051.13
DISCCART	376219.03	3784038.23
DISCCART	376257.74	3784038.23
DISCCART	376302.90	3784035.00
DISCCART	376302.90	3784022.10
DISCCART	376364.18	3784018.88
DISCCART	376364.18	3783996.30
DISCCART	376402.89	3783999.52
DISCCART	376406.12	3783980.17
DISCCART	376448.05	3783980.17
DISCCART	376448.05	3784002.75
DISCCART	376464.18	3784002.75
DISCCART	376464.18	3783986.62
DISCCART	376506.11	3783989.84
DISCCART	376506.11	3783973.72
DISCCART	376602.88	3783967.27
DISCCART	376602.88	3783944.69
DISCCART	376712.55	3783938.23
DISCCART	376719.01	3783964.04
DISCCART	376760.94	3783954.36
DISCCART	376770.62	3783941.46
DISCCART	376822.23	3783944.69
DISCCART	376828.68	3783935.01
DISCCART	376867.39	3783935.01
DISCCART	376867.39	3783915.65
DISCCART	376928.67	3783915.65
DISCCART	376931.90	3783902.75
DISCCART	376960.93	3783902.75
DISCCART	376967.38	3783899.53
DISCCART	376999.64	3783899.53
DISCCART	376999.64	3783886.62
DISCCART	377012.54	3783886.62
DISCCART	377012.54	3783870.50
DISCCART	377057.70	3783873.72
DISCCART	377057.70	3783860.82
DISCCART	377199.63	3783860.82
DISCCART	377202.85	3783851.14
DISCCART	377235.11	3783844.69
DISCCART	377238.34	3783828.56
DISCCART	377360.91	3783818.89
DISCCART	377360.91	3783805.98
DISCCART	377389.94	3783809.21
DISCCART	377396.39	3783786.63
DISCCART	377454.46	3783789.85
DISCCART	377473.81	3783776.95
DISCCART	377496.39	3783760.82
DISCCART	377528.65	3783764.05
DISCCART	377567.35	3783764.05

DISCCART	377822.18	3783699.54
DISCCART	377893.15	3783670.50
DISCCART	377912.50	3783728.57
DISCCART	377738.31	3783783.40
DISCCART	376725.46	3784028.55
DISCCART	376735.13	3784047.91
DISCCART	376641.59	3784057.58
DISCCART	375999.68	3784212.42
DISCCART	376006.14	3784228.54
DISCCART	375960.98	3784228.54
DISCCART	375967.43	3784251.12
DISCCART	375870.66	3784251.12
DISCCART	375877.11	3784264.03
DISCCART	375819.05	3784267.25
DISCCART	375815.82	3784334.99
DISCCART	375767.44	3784341.44
DISCCART	375760.99	3784405.95
DISCCART	375683.57	3784412.41
DISCCART	375664.22	3784454.34
DISCCART	375670.67	3785618.80
DISCCART	375638.41	3785647.83
DISCCART	375648.09	3785751.05

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

 SURFFILE KBUR_v9.SFC

 PROFFILE KBUR_v9.PFL

 SURFDATA 23152 2012

 UAIRDATA 3190 2012

 PROFBASE 236.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

 RECTABLE ALLAVE 1ST

 RECTABLE 24 1ST

** Auto-Generated Plotfiles

 PLOTFILE 24 ALL 1ST HSR_B-LA_DPM_BAS_TUNNEL_CUT_COVER.AD\24H1GALL.PLT

31

 PLOTFILE PERIOD ALL HSR_B-LA_DPM_BAS_TUNNEL_CUT_COVER.AD\PE00GALL.PLT

32

 NOHEADER PLOTFILE

 SUMMFILE HSR_B-LA_DPM_BAS_Tunnel_Cut_Cover.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	731	MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used		0.50
ME W187	731	MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET		

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/19/19
*** AERMET - VERSION 16216 *** ***
*** 17:58:49

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** MODEL SETUP OPTIONS

SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 7 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 104834.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:

FASTAREA - Use hybrid approach to optimize AREA sources;
also applies to LINE sources (formerly TOXICS option)

ADJ_U* - Use ADJ_U* option for SBL in AERMET

CCVR_Sub - Meteorological data includes CCVR substitutions

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM_10

**Model Calculates 1 Short Term Average(s) of: 24-HR
and Calculates PERIOD Averages

**This Run Includes: 7 Source(s); 1 Source Group(s); and
484 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 2 AREA type source(s)

and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 5 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with 0 line(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) = 236.00 ;
Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: HSR_B-LA_DPM_BAS_Tunnel_Cut_Cover.err

**File for Summary of Results: HSR_B-LA_DPM_BAS_Tunnel_Cut_Cover.sum

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/19/19
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** AREAPOLY SOURCE DATA

NUMBER	INIT.	NUMBER	EMISSION RATE	LOCATION OF AREA		BASE	RELEASE
SOURCE	PART.	URBAN	EMISSION RATE	X	Y	ELEV.	HEIGHT
OF VERTS.	SZ	SOURCE	SCALAR VARY				
ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	BY						
PAREA1	0	0.60567E-07	376062.5	3784143.0	236.0	3.00	
4	0.00	YES	HRDOW7				
PAREA2	0	0.50222E-07	376692.8	3784006.0	236.0	3.00	
4	0.00	YES	HRDOW7				

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 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/19/19
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** OPENPIT SOURCE DATA

X-DIM	Y-DIM	NUMBER	EMISSION	RATE	COORD (SW CORNER)	BASE	RELEASE
SOURCE	PART.	ORIENT.	VOLUME	URBAN	EMISSION	RATE	HEIGHT
OF PIT	OF PIT	OF PIT	OF PIT	SOURCE	SCALAR	VARY	
ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	(METERS)	(DEG.)	(M**3)		BY		
OPIT1		0	0.64421E-07	375377.4	3785079.6	236.0	3.00
92.00	820.00	-9.50	.26264E+07	YES	HRDOW7		
OPIT2		0	0.39505E-06	375472.5	3784583.9	236.0	3.00
92.00	168.12	-14.50	.40455E+06	YES	HRDOW7		
OPIT3		0	0.15801E-06	375606.7	3784345.8	236.0	3.00
92.00	270.46	-30.00	.78637E+06	YES	HRDOW7		
OPIT4		0	0.23743E-06	375749.8	3784228.9	236.0	3.00
92.00	180.00	-50.00	.61564E+06	YES	HRDOW7		
OPIT5		0	0.24574E-06	376058.7	3784139.0	236.0	3.00
50.00	320.00	-74.00	.45427E+06	YES	HRDOW7		

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LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/19/19
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

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

ALL	OPIT1	,	OPIT2	,	OPIT3	,	OPIT4	,
OPIT5	, PAREA1	,	PAREA2	,				

```

*** AERMOD - VERSION 19191 ***      *** C:\Lakes\AERMOD View\HSR_B-
LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ ***      12/19/19
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***      17:58:49

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*** MODELOPTs:      NonDEFAULT  CONC  FLAT  FASTAREA  URBAN  ADJ_U*

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

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URBAN ID	URBAN POP	SOURCE IDs						
-----	-----	-----						
	104834.	OPIT1	,	OPIT2	,	OPIT3	,	OPIT4
, OPIT5	, PAREA1	, PAREA2	,					

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = OPIT1 ; SOURCE TYPE = OPENPIT :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = MONDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = TUESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = WEDNESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = THURSDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = FRIDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10

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			

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = OPIT2 ; SOURCE TYPE = OPENPIT :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = TUESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = WEDNESDY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = THURSDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = FRIDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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			

```

                                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		

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/19/19
 *** AERMET - VERSION 16216 *** ***
 *** 17:58:49

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = OPIT4 ; SOURCE TYPE = OPENPIT :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = MONDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = TUESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = WEDNESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = THURSDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = FRIDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10

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			

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 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/19/19
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 *** 17:58:49

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = OPIT5 ; SOURCE TYPE = OPENPIT :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = MONDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = TUESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = WEDNESDY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = THURSDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = FRIDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10

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			

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*** AERMOD - VERSION 19191 ***    *** C:\Lakes\AERMOD View\HSR_B-
LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ ***    12/19/19
*** AERMET - VERSION 16216 ***    ***
***    17:58:49

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*** MODELOPTs:      NonDEFAULT  CONC  FLAT  FASTAREA  URBAN  ADJ_U*

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          * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW7) *

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```

SOURCE ID = PAREAl      ; SOURCE TYPE = AREAPOLY :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR

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- - - - -

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                                DAY OF WEEK = MONDAY
      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .1000E+01      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 .1000E+01     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 = TUESDAY
      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .1000E+01      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 .1000E+01     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 = WEDNESDY
      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .1000E+01      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 .1000E+01     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 = THURSDAY
      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .1000E+01      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 .1000E+01     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 = FRIDAY
      1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5
.0000E+00      6 .1000E+01      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 .1000E+01     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			

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/19/19
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = MONDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = TUESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = WEDNESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = THURSDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = FRIDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10

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		

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/19/19
 *** AERMET - VERSION 16216 *** ***
 *** 17:58:49

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(376133.0, 3784532.5,	236.0,	236.0,	0.0);	(
376123.0, 3784315.4,	236.0,	236.0,	0.0);	(
(376015.5, 3783978.0,	236.0,	236.0,	0.0);	(
376105.9, 3784076.2,	236.0,	236.0,	0.0);	(
(376385.7, 3784156.6,	236.0,	236.0,	0.0);	(
376114.5, 3783805.8,	236.0,	236.0,	0.0);	(
(377221.3, 3783760.9,	236.0,	236.0,	0.0);	(
377316.0, 3783558.8,	236.0,	236.0,	0.0);	(
(377865.5, 3783511.8,	236.0,	236.0,	0.0);	(
376735.1, 3784341.7,	236.0,	236.0,	0.0);	(
(376797.8, 3784336.7,	236.0,	236.0,	0.0);	(
376631.9, 3784358.1,	236.0,	236.0,	0.0);	(
(375780.7, 3786075.6,	236.0,	236.0,	0.0);	(
375775.0, 3785911.2,	236.0,	236.0,	0.0);	(
(375708.8, 3785897.6,	236.0,	236.0,	0.0);	(
375673.2, 3785918.3,	236.0,	236.0,	0.0);	(
(375683.1, 3786158.2,	236.0,	236.0,	0.0);	(
375578.5, 3786187.3,	236.0,	236.0,	0.0);	(
(375475.3, 3786229.3,	236.0,	236.0,	0.0);	(
375368.5, 3786274.2,	236.0,	236.0,	0.0);	(
(375267.5, 3786311.2,	236.0,	236.0,	0.0);	(
375211.2, 3786311.2,	236.0,	236.0,	0.0);	(
(375331.5, 3786215.1,	236.0,	236.0,	0.0);	(
375655.1, 3785666.4,	236.0,	236.0,	0.0);	(
(375687.4, 3785637.4,	236.0,	236.0,	0.0);	(
375695.5, 3785593.9,	236.0,	236.0,	0.0);	(
(375695.4, 3785569.1,	236.0,	236.0,	0.0);	(
375695.3, 3785544.3,	236.0,	236.0,	0.0);	(
(375695.1, 3785519.6,	236.0,	236.0,	0.0);	(
375695.0, 3785494.8,	236.0,	236.0,	0.0);	(
(375694.8, 3785470.0,	236.0,	236.0,	0.0);	(
375694.7, 3785445.2,	236.0,	236.0,	0.0);	(
(375694.6, 3785420.5,	236.0,	236.0,	0.0);	(
375694.4, 3785395.7,	236.0,	236.0,	0.0);	(
(375694.3, 3785370.9,	236.0,	236.0,	0.0);	(
375694.2, 3785346.1,	236.0,	236.0,	0.0);	(
(375694.0, 3785321.3,	236.0,	236.0,	0.0);	(
375693.9, 3785296.6,	236.0,	236.0,	0.0);	(
(375693.8, 3785271.8,	236.0,	236.0,	0.0);	(
375693.6, 3785247.0,	236.0,	236.0,	0.0);	(

(375693.5, 3785222.2, 236.0, 236.0, 0.0); (

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(375693.2, 3785172.7, 236.0, 236.0, 0.0); (

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(375692.9, 3785123.1, 236.0, 236.0, 0.0); (

375692.8, 3785098.4, 236.0, 236.0, 0.0);

(375692.6, 3785073.6, 236.0, 236.0, 0.0); (

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(375692.4, 3785024.0, 236.0, 236.0, 0.0); (

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(375692.1, 3784974.5, 236.0, 236.0, 0.0); (

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(375691.5, 3784875.4, 236.0, 236.0, 0.0); (

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(375691.3, 3784825.8, 236.0, 236.0, 0.0); (

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(375691.0, 3784776.3, 236.0, 236.0, 0.0); (

375690.9, 3784751.5, 236.0, 236.0, 0.0);

(375690.7, 3784726.7, 236.0, 236.0, 0.0); (

375690.6, 3784702.0, 236.0, 236.0, 0.0);

(375690.5, 3784677.2, 236.0, 236.0, 0.0); (

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(375690.2, 3784627.6, 236.0, 236.0, 0.0); (

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(375689.9, 3784578.1, 236.0, 236.0, 0.0); (

375689.8, 3784553.3, 236.0, 236.0, 0.0);

(375689.6, 3784528.5, 236.0, 236.0, 0.0); (

375689.5, 3784503.8, 236.0, 236.0, 0.0);

(375689.4, 3784479.0, 236.0, 236.0, 0.0); (

375689.2, 3784454.2, 236.0, 236.0, 0.0);

(375706.3, 3784422.9, 236.0, 236.0, 0.0); (

375743.7, 3784432.5, 236.0, 236.0, 0.0);

(375785.9, 3784408.4, 236.0, 236.0, 0.0); (

375790.2, 3784365.4, 236.0, 236.0, 0.0);

(375819.1, 3784359.8, 236.0, 236.0, 0.0); (

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(375841.9, 3784313.6, 236.0, 236.0, 0.0); (

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(375844.0, 3784268.4, 236.0, 236.0, 0.0); (

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(375878.5, 3784289.0, 236.0, 236.0, 0.0); (

375899.1, 3784264.7, 236.0, 236.0, 0.0);

(375919.0, 3784276.1, 236.0, 236.0, 0.0); (

375943.2, 3784276.1, 236.0, 236.0, 0.0);

(375967.4, 3784276.1, 236.0, 236.0, 0.0); (

375991.5, 3784244.2, 236.0, 236.0, 0.0);

(375961.0, 3784253.5, 236.0, 236.0, 0.0); (

376028.1, 3784230.9, 236.0, 236.0, 0.0);

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/19/19
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(376053.1, 3784225.2, 236.0, 236.0, 0.0);	(
376076.9, 3784219.5, 236.0, 236.0, 0.0);	(
(376100.6, 3784213.8, 236.0, 236.0, 0.0);	(
376124.4, 3784208.0, 236.0, 236.0, 0.0);	(
(376148.2, 3784202.3, 236.0, 236.0, 0.0);	(
376172.0, 3784196.6, 236.0, 236.0, 0.0);	(
(376195.7, 3784190.8, 236.0, 236.0, 0.0);	(
376219.5, 3784185.1, 236.0, 236.0, 0.0);	(
(376243.3, 3784179.4, 236.0, 236.0, 0.0);	(
376267.1, 3784173.6, 236.0, 236.0, 0.0);	(
(376290.8, 3784167.9, 236.0, 236.0, 0.0);	(
376314.6, 3784162.2, 236.0, 236.0, 0.0);	(
(376338.4, 3784156.4, 236.0, 236.0, 0.0);	(
376362.2, 3784150.7, 236.0, 236.0, 0.0);	(
(376385.9, 3784145.0, 236.0, 236.0, 0.0);	(
376409.7, 3784139.2, 236.0, 236.0, 0.0);	(
(376433.5, 3784133.5, 236.0, 236.0, 0.0);	(
376457.3, 3784127.8, 236.0, 236.0, 0.0);	(
(376481.0, 3784122.0, 236.0, 236.0, 0.0);	(
376504.8, 3784116.3, 236.0, 236.0, 0.0);	(
(376528.6, 3784110.6, 236.0, 236.0, 0.0);	(
376552.3, 3784104.8, 236.0, 236.0, 0.0);	(
(376576.1, 3784099.1, 236.0, 236.0, 0.0);	(
376599.9, 3784093.3, 236.0, 236.0, 0.0);	(
(376623.7, 3784087.6, 236.0, 236.0, 0.0);	(
376647.5, 3784081.9, 236.0, 236.0, 0.0);	(
(376690.9, 3784077.6, 236.0, 236.0, 0.0);	(
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(376737.7, 3784072.8, 236.0, 236.0, 0.0);	(
376757.3, 3784048.3, 236.0, 236.0, 0.0);	(
(376779.6, 3784041.2, 236.0, 236.0, 0.0);	(
376803.7, 3784035.3, 236.0, 236.0, 0.0);	(
(376827.8, 3784029.5, 236.0, 236.0, 0.0);	(
376851.9, 3784023.7, 236.0, 236.0, 0.0);	(
(376876.0, 3784017.8, 236.0, 236.0, 0.0);	(
376900.1, 3784012.0, 236.0, 236.0, 0.0);	(
(376924.3, 3784006.1, 236.0, 236.0, 0.0);	(
376948.4, 3784000.3, 236.0, 236.0, 0.0);	(
(376972.5, 3783994.5, 236.0, 236.0, 0.0);	(
376996.6, 3783988.6, 236.0, 236.0, 0.0);	(

(377020.7, 3783982.8, 236.0, 236.0, 0.0); (

377044.8, 3783977.0, 236.0, 236.0, 0.0);

(377069.0, 3783971.1, 236.0, 236.0, 0.0); (

377093.1, 3783965.3, 236.0, 236.0, 0.0);

(377117.2, 3783959.5, 236.0, 236.0, 0.0); (

377141.3, 3783953.6, 236.0, 236.0, 0.0);

(377165.4, 3783947.8, 236.0, 236.0, 0.0); (

377189.5, 3783941.9, 236.0, 236.0, 0.0);

(377213.6, 3783936.1, 236.0, 236.0, 0.0); (

377237.8, 3783930.3, 236.0, 236.0, 0.0);

(377261.9, 3783924.4, 236.0, 236.0, 0.0); (

377286.0, 3783918.6, 236.0, 236.0, 0.0);

(377310.1, 3783912.8, 236.0, 236.0, 0.0); (

377334.2, 3783906.9, 236.0, 236.0, 0.0);

(377358.3, 3783901.1, 236.0, 236.0, 0.0); (

377382.5, 3783895.2, 236.0, 236.0, 0.0);

(377406.6, 3783889.4, 236.0, 236.0, 0.0); (

377430.7, 3783883.6, 236.0, 236.0, 0.0);

(377454.8, 3783877.7, 236.0, 236.0, 0.0); (

377478.9, 3783871.9, 236.0, 236.0, 0.0);

(377503.0, 3783866.1, 236.0, 236.0, 0.0); (

377527.1, 3783860.2, 236.0, 236.0, 0.0);

(377551.3, 3783854.4, 236.0, 236.0, 0.0); (

377575.4, 3783848.6, 236.0, 236.0, 0.0);

(377599.5, 3783842.7, 236.0, 236.0, 0.0); (

377623.6, 3783836.9, 236.0, 236.0, 0.0);

(377647.7, 3783831.0, 236.0, 236.0, 0.0); (

377671.8, 3783825.2, 236.0, 236.0, 0.0);

(377696.0, 3783819.4, 236.0, 236.0, 0.0); (

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(377744.2, 3783807.7, 236.0, 236.0, 0.0); (

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(377789.4, 3783793.5, 236.0, 236.0, 0.0); (

377811.1, 3783786.7, 236.0, 236.0, 0.0);

(377832.9, 3783779.8, 236.0, 236.0, 0.0); (

377854.7, 3783773.0, 236.0, 236.0, 0.0);

(377876.5, 3783766.1, 236.0, 236.0, 0.0); (

377898.2, 3783759.3, 236.0, 236.0, 0.0);

(377920.0, 3783752.4, 236.0, 236.0, 0.0); (

377936.2, 3783720.7, 236.0, 236.0, 0.0);

(377923.3, 3783681.9, 236.0, 236.0, 0.0); (

377893.6, 3783647.6, 236.0, 236.0, 0.0);

(377865.9, 3783654.6, 236.0, 236.0, 0.0); (

377830.5, 3783669.1, 236.0, 236.0, 0.0);

(377792.9, 3783681.2, 236.0, 236.0, 0.0); (

377769.7, 3783687.0, 236.0, 236.0, 0.0);

(377746.5, 3783692.9, 236.0, 236.0, 0.0); (

377723.4, 3783698.8, 236.0, 236.0, 0.0);

(377700.2, 3783704.6, 236.0, 236.0, 0.0); (

377677.0, 3783710.5, 236.0, 236.0, 0.0);

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/19/19
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(377653.9, 3783716.4,	236.0,	236.0,	0.0);	(
377630.7, 3783722.2,	236.0,	236.0,	0.0);	(
(377607.5, 3783728.1,	236.0,	236.0,	0.0);	(
377584.4, 3783733.9,	236.0,	236.0,	0.0);	(
(377561.2, 3783739.8,	236.0,	236.0,	0.0);	(
377528.6, 3783739.0,	236.0,	236.0,	0.0);	(
(377498.9, 3783735.9,	236.0,	236.0,	0.0);	(
377470.6, 3783748.5,	236.0,	236.0,	0.0);	(
(377440.6, 3783769.0,	236.0,	236.0,	0.0);	(
377417.1, 3783762.7,	236.0,	236.0,	0.0);	(
(377372.3, 3783779.8,	236.0,	236.0,	0.0);	(
377365.9, 3783802.3,	236.0,	236.0,	0.0);	(
(377340.1, 3783796.7,	236.0,	236.0,	0.0);	(
377335.9, 3783818.9,	236.0,	236.0,	0.0);	(
(377309.9, 3783797.8,	236.0,	236.0,	0.0);	(
377285.4, 3783799.8,	236.0,	236.0,	0.0);	(
(377260.9, 3783801.7,	236.0,	236.0,	0.0);	(
377236.4, 3783803.6,	236.0,	236.0,	0.0);	(
(377213.8, 3783823.6,	236.0,	236.0,	0.0);	(
377182.7, 3783837.8,	236.0,	236.0,	0.0);	(
(377152.3, 3783835.8,	236.0,	236.0,	0.0);	(
377128.7, 3783835.8,	236.0,	236.0,	0.0);	(
(377105.0, 3783835.8,	236.0,	236.0,	0.0);	(
377081.3, 3783835.8,	236.0,	236.0,	0.0);	(
(377057.7, 3783835.8,	236.0,	236.0,	0.0);	(
377036.4, 3783852.0,	236.0,	236.0,	0.0);	(
(377014.3, 3783845.6,	236.0,	236.0,	0.0);	(
376991.5, 3783861.3,	236.0,	236.0,	0.0);	(
(376987.5, 3783886.6,	236.0,	236.0,	0.0);	(
376967.4, 3783874.5,	236.0,	236.0,	0.0);	(
(376931.9, 3783877.8,	236.0,	236.0,	0.0);	(
376912.1, 3783889.9,	236.0,	236.0,	0.0);	(
(376887.8, 3783890.6,	236.0,	236.0,	0.0);	(
376842.4, 3783915.6,	236.0,	236.0,	0.0);	(
(376867.4, 3783910.0,	236.0,	236.0,	0.0);	(
376812.4, 3783917.1,	236.0,	236.0,	0.0);	(
(376789.4, 3783917.6,	236.0,	236.0,	0.0);	(
376750.6, 3783926.5,	236.0,	236.0,	0.0);	(
(376713.4, 3783939.7,	236.0,	236.0,	0.0);	(
376743.3, 3783958.0,	236.0,	236.0,	0.0);	(

(376711.1, 3783913.3, 236.0, 236.0, 0.0); (

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(376623.3, 3783918.4, 236.0, 236.0, 0.0); (

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(376577.9, 3783967.3, 236.0, 236.0, 0.0); (

376601.2, 3783942.3, 236.0, 236.0, 0.0);

(376552.8, 3783945.5, 236.0, 236.0, 0.0); (

376528.6, 3783947.2, 236.0, 236.0, 0.0);

(376504.5, 3783948.8, 236.0, 236.0, 0.0); (

376484.5, 3783965.2, 236.0, 236.0, 0.0);

(376443.2, 3783977.4, 236.0, 236.0, 0.0); (

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(376339.2, 3783996.3, 236.0, 236.0, 0.0); (

376339.2, 3784018.9, 236.0, 236.0, 0.0);

(376362.9, 3783993.9, 236.0, 236.0, 0.0); (

376301.6, 3783997.1, 236.0, 236.0, 0.0);

(376281.3, 3784013.5, 236.0, 236.0, 0.0); (

376256.0, 3784013.3, 236.0, 236.0, 0.0);

(376219.0, 3784013.2, 236.0, 236.0, 0.0); (

376197.7, 3784029.4, 236.0, 236.0, 0.0);

(376159.4, 3784038.7, 236.0, 236.0, 0.0); (

376131.9, 3784035.8, 236.0, 236.0, 0.0);

(376110.6, 3784052.0, 236.0, 236.0, 0.0); (

376091.5, 3784076.5, 236.0, 236.0, 0.0);

(376066.5, 3784074.1, 236.0, 236.0, 0.0); (

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(376015.1, 3784035.9, 236.0, 236.0, 0.0); (

375971.0, 3784039.1, 236.0, 236.0, 0.0);

(375926.9, 3784042.3, 236.0, 236.0, 0.0); (

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(375906.0, 3784092.2, 236.0, 236.0, 0.0); (

375908.1, 3784114.8, 236.0, 236.0, 0.0);

(375910.3, 3784137.4, 236.0, 236.0, 0.0); (

375881.6, 3784125.5, 236.0, 236.0, 0.0);

(375858.5, 3784132.7, 236.0, 236.0, 0.0); (

375835.4, 3784139.9, 236.0, 236.0, 0.0);

(375812.3, 3784147.1, 236.0, 236.0, 0.0); (

375789.3, 3784154.3, 236.0, 236.0, 0.0);

(375766.2, 3784161.5, 236.0, 236.0, 0.0); (

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(375720.0, 3784175.9, 236.0, 236.0, 0.0); (

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(375673.9, 3784190.3, 236.0, 236.0, 0.0); (

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(375627.8, 3784204.7, 236.0, 236.0, 0.0); (

375610.2, 3784227.3, 236.0, 236.0, 0.0);

(375608.1, 3784270.3, 236.0, 236.0, 0.0); (

375577.1, 3784283.7, 236.0, 236.0, 0.0);

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/19/19
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(375553.3, 3784290.9,	236.0,	236.0,	0.0);	(
375529.5, 3784298.2,	236.0,	236.0,	0.0);	(
(375505.7, 3784305.4,	236.0,	236.0,	0.0);	(
375481.9, 3784312.7,	236.0,	236.0,	0.0);	(
(375458.1, 3784319.9,	236.0,	236.0,	0.0);	(
375434.3, 3784327.2,	236.0,	236.0,	0.0);	(
(375416.7, 3784349.4,	236.0,	236.0,	0.0);	(
375415.1, 3784372.8,	236.0,	236.0,	0.0);	(
(375413.5, 3784396.2,	236.0,	236.0,	0.0);	(
375411.9, 3784419.5,	236.0,	236.0,	0.0);	(
(375410.2, 3784442.9,	236.0,	236.0,	0.0);	(
375435.2, 3784469.7,	236.0,	236.0,	0.0);	(
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375441.6, 3784572.8,	236.0,	236.0,	0.0);	(
(375460.1, 3784558.7,	236.0,	236.0,	0.0);	(
375402.0, 3784568.4,	236.0,	236.0,	0.0);	(
(375381.2, 3784593.0,	236.0,	236.0,	0.0);	(
375381.2, 3784617.8,	236.0,	236.0,	0.0);	(
(375381.2, 3784642.5,	236.0,	236.0,	0.0);	(
375381.2, 3784667.2,	236.0,	236.0,	0.0);	(
(375397.3, 3784688.6,	236.0,	236.0,	0.0);	(
375422.3, 3784692.2,	236.0,	236.0,	0.0);	(
(375395.0, 3784728.1,	236.0,	236.0,	0.0);	(
375388.6, 3784750.7,	236.0,	236.0,	0.0);	(
(375400.6, 3784779.5,	236.0,	236.0,	0.0);	(
375436.1, 3784798.9,	236.0,	236.0,	0.0);	(
(375423.5, 3784772.4,	236.0,	236.0,	0.0);	(
375414.9, 3784819.8,	236.0,	236.0,	0.0);	(
(375410.6, 3784843.4,	236.0,	236.0,	0.0);	(
375406.3, 3784867.0,	236.0,	236.0,	0.0);	(
(375402.0, 3784890.7,	236.0,	236.0,	0.0);	(
375397.7, 3784914.4,	236.0,	236.0,	0.0);	(
(375393.4, 3784938.0,	236.0,	236.0,	0.0);	(
375389.1, 3784961.7,	236.0,	236.0,	0.0);	(
(375384.8, 3784985.3,	236.0,	236.0,	0.0);	(
375380.5, 3785009.0,	236.0,	236.0,	0.0);	(

(375376.2, 3785032.6, 236.0, 236.0, 0.0); (

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(375342.5, 3785060.8, 236.0, 236.0, 0.0); (

375301.2, 3785057.5, 236.0, 236.0, 0.0);

(375255.4, 3785083.5, 236.0, 236.0, 0.0); (

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(375255.7, 3785131.2, 236.0, 236.0, 0.0); (

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(375256.3, 3785226.7, 236.0, 236.0, 0.0); (

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(375257.9, 3785465.4, 236.0, 236.0, 0.0); (

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(375215.8, 3785687.3, 236.0, 236.0, 0.0); (

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(375168.3, 3785711.9, 236.0, 236.0, 0.0); (

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(375166.1, 3785847.4, 236.0, 236.0, 0.0); (

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(375165.4, 3785892.6, 236.0, 236.0, 0.0); (

375165.0, 3785915.2, 236.0, 236.0, 0.0);

(375188.4, 3785940.5, 236.0, 236.0, 0.0); (

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(375237.0, 3786050.9, 236.0, 236.0, 0.0); (

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(375296.6, 3786083.0, 236.0, 236.0, 0.0); (

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(375333.3, 3786051.7, 236.0, 236.0, 0.0); (

375351.7, 3786036.0, 236.0, 236.0, 0.0);

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/19/19
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(375370.1, 3786020.4, 236.0, 236.0, 0.0);	(
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(375443.6, 3785957.8, 236.0, 236.0, 0.0);	(
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(375480.4, 3785926.5, 236.0, 236.0, 0.0);	(
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(375517.2, 3785895.2, 236.0, 236.0, 0.0);	(
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(375554.0, 3785864.0, 236.0, 236.0, 0.0);	(
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(375669.1, 3785707.4, 236.0, 236.0, 0.0);	(
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(376364.2, 3783996.3, 236.0, 236.0, 0.0); (

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(376770.6, 3783941.5, 236.0, 236.0, 0.0); (

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(376931.9, 3783902.8, 236.0, 236.0, 0.0); (

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377199.6, 3783860.8, 236.0, 236.0, 0.0);

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/19/19
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(377202.8, 3783851.1, 236.0, 236.0, 0.0);	(
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(375815.8, 3784335.0, 236.0, 236.0, 0.0);	(
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(375638.4, 3785647.8, 236.0, 236.0, 0.0);	(
375648.1, 3785751.0, 236.0, 236.0, 0.0);	(

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/19/19
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF

METEOROLOGICAL DATA ***

Surface file: KBUR_v9.SFC
 Met Version: 16216
 Profile file: KBUR_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 23152 Upper air station no.:
 3190
 Name: UNKNOWN Name:
 UNKNOWN Year: 2012 Year:
 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0
BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT					
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	01	01	1	01	-23.4	0.241	-9.000	-9.000	-999.	285.		64.1	0.16
3.02	1.00			2.45	359.	7.9	286.4	2.0					
12	01	01	1	02	-11.3	0.143	-9.000	-9.000	-999.	134.		23.1	0.16
3.02	1.00			1.50	289.	7.9	284.9	2.0					
12	01	01	1	03	-4.8	0.092	-9.000	-9.000	-999.	68.		14.5	0.16
3.02	1.00			0.99	300.	7.9	283.8	2.0					
12	01	01	1	04	-8.1	0.121	-9.000	-9.000	-999.	100.		19.1	0.16
3.02	1.00			1.28	295.	7.9	284.2	2.0					
12	01	01	1	05	-2.9	0.074	-9.000	-9.000	-999.	49.		12.3	0.16
3.02	1.00			0.75	323.	7.9	282.5	2.0					
12	01	01	1	06	-11.3	0.143	-9.000	-9.000	-999.	130.		23.0	0.16
3.02	1.00			1.50	306.	7.9	283.1	2.0					
12	01	01	1	07	-16.9	0.176	-9.000	-9.000	-999.	178.		34.3	0.16
3.02	1.00			1.82	315.	7.9	284.9	2.0					
12	01	01	1	08	-8.8	0.134	-9.000	-9.000	-999.	118.		24.3	0.16
3.02	0.55			1.40	323.	7.9	287.0	2.0					
12	01	01	1	09	36.3	0.171	0.339	0.008	38.	169.	-12.2	0.16	
3.02	0.32			1.31	23.	7.9	288.8	2.0					
12	01	01	1	10	110.9	0.119	0.729	0.009	124.	99.	-1.4	0.16	
3.02	0.24			0.62	163.	7.9	292.0	2.0					
12	01	01	1	11	165.2	0.157	1.185	0.005	358.	149.	-2.1	0.16	
3.02	0.21			0.89	112.	7.9	296.4	2.0					
12	01	01	1	12	192.9	0.184	1.540	0.005	672.	189.	-2.8	0.16	
3.02	0.20			1.11	225.	7.9	299.2	2.0					
12	01	01	1	13	192.1	0.199	1.840	0.005	1152.	213.	-3.6	0.16	
3.02	0.20			1.26	250.	7.9	299.9	2.0					

12	01	01	1	14	164.6	0.270	1.886	0.005	1447.	337.	-10.6	0.16
3.02		0.21			2.03	273.	7.9	300.4	2.0			
12	01	01	1	15	111.1	0.289	1.699	0.005	1566.	373.	-19.3	0.16
3.02		0.25			2.35	270.	7.9	300.4	2.0			
12	01	01	1	16	35.3	0.338	1.167	0.005	1596.	472.	-96.9	0.16
3.02		0.33			3.12	289.	7.9	298.8	2.0			
12	01	01	1	17	-20.8	0.255	-9.000	-9.000	-999.	312.	71.4	0.16
3.02		0.60			2.57	318.	7.9	296.4	2.0			
12	01	01	1	18	-35.0	0.369	-9.000	-9.000	-999.	538.	149.9	0.16
3.02		1.00			3.68	320.	7.9	293.8	2.0			
12	01	01	1	19	-27.7	0.291	-9.000	-9.000	-999.	380.	93.2	0.16
3.02		1.00			2.93	345.	7.9	292.0	2.0			
12	01	01	1	20	-20.7	0.216	-9.000	-9.000	-999.	243.	51.2	0.16
3.02		1.00			2.20	325.	7.9	290.4	2.0			
12	01	01	1	21	-8.5	0.124	-9.000	-9.000	-999.	108.	19.8	0.16
3.02		1.00			1.31	359.	7.9	288.1	2.0			
12	01	01	1	22	-7.4	0.116	-9.000	-9.000	-999.	94.	18.4	0.16
3.02		1.00			1.23	304.	7.9	287.5	2.0			
12	01	01	1	23	-6.3	0.106	-9.000	-9.000	-999.	82.	16.7	0.16
3.02		1.00			1.13	314.	7.9	285.9	2.0			
12	01	01	1	24	-19.7	0.203	-9.000	-9.000	-999.	220.	45.5	0.16
3.02		1.00			2.08	319.	7.9	287.0	2.0			

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	359.	2.45	286.5	99.0	-99.00	-99.00

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/19/19
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 *** 17:58:49

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
376132.99	3784532.47	0.01536	
376123.03	3784315.38	0.02768	
376015.55	3783978.00	0.02050	
376105.94	3784076.22	0.02517	
376385.67	3784156.65	0.03332	
376114.48	3783805.75	0.01049	
377221.29	3783760.91	0.00754	
377315.96	3783558.76	0.00433	
377865.45	3783511.79	0.00392	
376735.15	3784341.71	0.00777	
376797.79	3784336.73	0.00714	
376631.94	3784358.08	0.00888	
375780.66	3786075.59	0.00330	
375774.97	3785911.17	0.00436	
375708.77	3785897.65	0.00502	
375673.18	3785918.29	0.00521	
375683.15	3786158.16	0.00325	
375578.52	3786187.34	0.00359	
375475.31	3786229.33	0.00390	
375368.55	3786274.18	0.00412	
375267.47	3786311.19	0.00400	
375211.24	3786311.19	0.00392	
375331.53	3786215.10	0.00460	
375655.13	3785666.41	0.00902	
375687.39	3785637.38	0.00865	
375695.53	3785593.89	0.00907	
375695.40	3785569.11	0.00942	
375695.26	3785544.33	0.00976	
375695.12	3785519.56	0.01010	
375694.98	3785494.78	0.01046	

	375694.85	3785470.01	0.01081
375694.71	3785445.23	0.01117	
	375694.57	3785420.46	0.01152
375694.43	3785395.68	0.01188	
	375694.30	3785370.90	0.01223
375694.16	3785346.13	0.01259	
	375694.02	3785321.35	0.01296
375693.89	3785296.58	0.01333	
	375693.75	3785271.80	0.01371
375693.61	3785247.03	0.01418	
	375693.47	3785222.25	0.01477
375693.34	3785197.47	0.01530	
	375693.20	3785172.70	0.01563
375693.06	3785147.92	0.01561	
	375692.92	3785123.15	0.01524
375692.79	3785098.37	0.01472	
	375692.65	3785073.60	0.01430
375692.51	3785048.82	0.01413	
	375692.38	3785024.04	0.01420
375692.24	3784999.27	0.01447	
	375692.10	3784974.49	0.01491
375691.96	3784949.72	0.01552	
	375691.83	3784924.94	0.01636
375691.69	3784900.16	0.01751	
	375691.55	3784875.39	0.01905
375691.42	3784850.61	0.02099	
	375691.28	3784825.84	0.02325
375691.14	3784801.06	0.02574	
	375691.00	3784776.29	0.02851
375690.87	3784751.51	0.03182	
	375690.73	3784726.73	0.03602
375690.59	3784701.96	0.04141	
	375690.45	3784677.18	0.04804
375690.32	3784652.41	0.05525	
	375690.18	3784627.63	0.06148
375690.04	3784602.86	0.06552	
	375689.91	3784578.08	0.06864
375689.77	3784553.30	0.07325	
	375689.63	3784528.53	0.08049
375689.49	3784503.75	0.09004	
	375689.36	3784478.98	0.10404
375689.22	3784454.20	0.11519	
	375706.27	3784422.89	0.11886
375743.71	3784432.48	0.09513	
	375785.87	3784408.44	0.07401
375790.17	3784365.43	0.10037	
	375819.12	3784359.77	0.08671
375840.79	3784336.18	0.09301	
	375841.87	3784313.60	0.10298
375842.94	3784291.02	0.11693	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
375844.02	3784268.44	0.14364	
375820.43	3784292.21	0.10241	
375878.49	3784288.99	0.12484	
375899.10	3784264.72	0.16262	
375919.04	3784276.12	0.11693	
375943.24	3784276.12	0.10341	
375967.43	3784276.12	0.09258	
375991.47	3784244.25	0.12550	
375960.98	3784253.54	0.13258	
376028.10	3784230.89	0.09864	
376053.09	3784225.25	0.07066	
376076.87	3784219.52	0.05497	
376100.64	3784213.78	0.04893	
376124.41	3784208.05	0.04667	
376148.19	3784202.31	0.04565	
376171.96	3784196.58	0.04469	
376195.74	3784190.84	0.04388	
376219.51	3784185.11	0.04313	
376243.29	3784179.37	0.04242	
376267.06	3784173.64	0.04175	
376290.84	3784167.91	0.04113	
376314.61	3784162.17	0.04053	
376338.38	3784156.44	0.03995	
376362.16	3784150.70	0.03942	
376385.93	3784144.97	0.03898	
376409.71	3784139.23	0.03854	
376433.48	3784133.50	0.03813	
376457.26	3784127.76	0.03771	
376481.03	3784122.03	0.03729	
376504.81	3784116.29	0.03699	

	376528.58	3784110.56	0.03627
376552.35	3784104.82	0.03540	
	376576.13	3784099.09	0.03428
376599.90	3784093.35	0.03312	
	376623.68	3784087.62	0.03217
376647.45	3784081.88	0.03145	
	376690.93	3784077.61	0.02637
376714.32	3784075.19	0.02374	
	376737.70	3784072.78	0.02144
376757.27	3784048.34	0.02763	
	376779.57	3784041.17	0.02783
376803.69	3784035.34	0.02723	
	376827.80	3784029.50	0.02690
376851.92	3784023.66	0.02665	
	376876.03	3784017.83	0.02616
376900.15	3784011.99	0.02583	
	376924.26	3784006.15	0.02552
376948.38	3784000.32	0.02521	
	376972.50	3783994.48	0.02495
376996.61	3783988.64	0.02469	
	377020.73	3783982.81	0.02441
377044.84	3783976.97	0.02414	
	377068.96	3783971.13	0.02390
377093.07	3783965.29	0.02368	
	377117.19	3783959.46	0.02345
377141.30	3783953.62	0.02325	
	377165.42	3783947.78	0.02306
377189.54	3783941.95	0.02289	
	377213.65	3783936.11	0.02271
377237.77	3783930.27	0.02250	
	377261.88	3783924.44	0.02227
377286.00	3783918.60	0.02207	
	377310.11	3783912.76	0.02190
377334.23	3783906.93	0.02172	
	377358.34	3783901.09	0.02156
377382.46	3783895.25	0.02139	
	377406.57	3783889.42	0.02123
377430.69	3783883.58	0.02107	
	377454.81	3783877.74	0.02090
377478.92	3783871.90	0.02074	
	377503.04	3783866.07	0.02059
377527.15	3783860.23	0.02039	
	377551.27	3783854.39	0.02016
377575.38	3783848.56	0.01999	
	377599.50	3783842.72	0.01989
377623.61	3783836.88	0.01981	
	377647.73	3783831.05	0.01966
377671.84	3783825.21	0.01937	
	377695.96	3783819.37	0.01881
377720.08	3783813.54	0.01797	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
377744.19	3783807.70	0.01704	
377767.59	3783800.39	0.01674	
377789.36	3783793.54	0.01643	
377811.14	3783786.69	0.01573	
377832.91	3783779.83	0.01385	
377854.68	3783772.98	0.01052	
377876.46	3783766.12	0.00765	
377898.23	3783759.27	0.00627	
377920.01	3783752.42	0.00546	
377936.22	3783720.67	0.00537	
377923.32	3783681.95	0.00588	
377893.63	3783647.57	0.00586	
377865.94	3783654.62	0.00680	
377830.45	3783669.14	0.00858	
377792.88	3783681.17	0.00963	
377769.71	3783687.03	0.00989	
377746.55	3783692.90	0.01006	
377723.38	3783698.76	0.01024	
377700.21	3783704.63	0.01043	
377677.05	3783710.49	0.01058	
377653.88	3783716.36	0.01068	
377630.71	3783722.22	0.01073	
377607.55	3783728.09	0.01077	
377584.38	3783733.95	0.01081	
377561.21	3783739.81	0.01085	
377528.65	3783739.05	0.00995	
377498.88	3783735.94	0.00920	
377470.57	3783748.54	0.00968	
377440.59	3783769.05	0.01102	
377417.13	3783762.74	0.00986	

	377372.35	3783779.76	0.01048
377365.90	3783802.34	0.01358	
	377340.07	3783796.67	0.01153
377335.91	3783818.89	0.01615	
	377309.92	3783797.84	0.01086
377285.40	3783799.77	0.01051	
	377260.89	3783801.70	0.01010
377236.37	3783803.64	0.00972	
	377213.83	3783823.65	0.01126
377182.71	3783837.83	0.01208	
	377152.32	3783835.82	0.01090
377128.67	3783835.82	0.01040	
	377105.01	3783835.82	0.01003
377081.35	3783835.82	0.00976	
	377057.70	3783835.82	0.00964
377036.36	3783851.98	0.01031	
	377014.32	3783845.56	0.00998
376991.52	3783861.35	0.01062	
	376987.54	3783886.62	0.01250
376967.38	3783874.53	0.01122	
	376931.90	3783877.75	0.01101
376912.08	3783889.86	0.01167	
	376887.82	3783890.65	0.01121
376842.39	3783915.65	0.01265	
	376867.39	3783910.01	0.01269
376812.38	3783917.06	0.01233	
	376789.38	3783917.59	0.01232
376750.62	3783926.46	0.01329	
	376713.39	3783939.68	0.01536
376743.26	3783957.97	0.01757	
	376711.08	3783913.27	0.01277
376667.21	3783915.86	0.01312	
	376623.34	3783918.44	0.01307
376577.88	3783944.69	0.01483	
	376577.88	3783967.27	0.01778
376601.22	3783942.33	0.01491	
	376552.83	3783945.55	0.01462
376528.64	3783947.16	0.01461	
	376504.45	3783948.78	0.01474
376484.48	3783965.18	0.01575	
	376443.19	3783977.45	0.01672
376448.05	3783955.17	0.01482	
	376406.12	3783955.17	0.01428
376381.46	3783976.05	0.01584	
	376339.18	3783996.30	0.01723
376339.18	3784018.88	0.02007	
	376362.87	3783993.91	0.01743
376301.59	3783997.13	0.01656	
	376281.33	3784013.50	0.01802
376255.96	3784013.29	0.01772	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
376219.03	3784013.23	0.01778	
376197.69	3784029.39	0.01920	
376159.36	3784038.71	0.02038	
376131.94	3784035.81	0.02058	
376110.60	3784051.97	0.02243	
376091.55	3784076.54	0.02549	
376066.48	3784074.12	0.02659	
376059.15	3784032.65	0.02346	
376015.06	3784035.87	0.02780	
375970.98	3784039.10	0.02896	
375926.90	3784042.33	0.02652	
375903.83	3784069.63	0.03006	
375905.98	3784092.21	0.03609	
375908.13	3784114.79	0.04495	
375910.28	3784137.37	0.06003	
375881.58	3784125.52	0.04561	
375858.50	3784132.72	0.04479	
375835.43	3784139.91	0.04360	
375812.35	3784147.11	0.04116	
375789.28	3784154.31	0.03725	
375766.20	3784161.50	0.03385	
375743.12	3784168.70	0.03209	
375720.05	3784175.89	0.03111	
375696.97	3784183.09	0.02902	
375673.90	3784190.28	0.02502	
375650.82	3784197.48	0.02118	
375627.75	3784204.67	0.01871	
375610.22	3784227.29	0.01949	
375608.07	3784270.30	0.02900	
375577.09	3784283.66	0.02640	

	375553.30	3784290.92	0.02334
375529.51	3784298.18	0.02060	
	375505.72	3784305.44	0.01812
375481.93	3784312.69	0.01586	
	375458.14	3784319.95	0.01396
375434.35	3784327.21	0.01246	
	375416.71	3784349.40	0.01230
375415.09	3784372.78	0.01343	
	375413.48	3784396.17	0.01483
375411.86	3784419.55	0.01651	
	375410.25	3784442.94	0.01857
375435.19	3784469.66	0.02674	
	375458.58	3784469.66	0.03376
375481.96	3784469.66	0.04567	
	375505.35	3784469.66	0.06925
375478.42	3784493.56	0.05367	
	375459.99	3784533.20	0.04886
375441.56	3784572.83	0.04595	
	375460.12	3784558.71	0.05003
375402.05	3784568.38	0.03244	
	375381.16	3784593.04	0.02816
375381.16	3784617.77	0.02989	
	375381.16	3784642.50	0.03440
375381.16	3784667.23	0.04364	
	375397.32	3784688.57	0.07381
375422.29	3784692.23	0.13612	
	375395.03	3784728.10	0.08460
375388.58	3784750.68	0.07060	
	375400.65	3784779.50	0.06263
375436.13	3784798.86	0.06431	
	375423.50	3784772.44	0.07757
375414.90	3784819.75	0.04944	
	375410.60	3784843.40	0.04139
375406.30	3784867.05	0.03539	
	375402.00	3784890.71	0.03080
375397.70	3784914.36	0.02720	
	375393.40	3784938.02	0.02433
375389.10	3784961.67	0.02199	
	375384.80	3784985.33	0.02007
375380.49	3785008.98	0.01848	
	375376.19	3785032.63	0.01718
375371.89	3785056.29	0.01618	
	375342.46	3785060.76	0.01493
375301.21	3785057.55	0.01366	
	375255.36	3785083.51	0.01249
375255.52	3785107.38	0.01259	
	375255.68	3785131.25	0.01288
375255.85	3785155.12	0.01338	
	375256.01	3785178.99	0.01408
375256.17	3785202.86	0.01493	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
375256.33	3785226.73	0.01584	
375256.49	3785250.60	0.01667	
375256.65	3785274.47	0.01750	
375256.81	3785298.34	0.01835	
375256.98	3785322.21	0.01920	
375257.14	3785346.08	0.02009	
375257.30	3785369.95	0.02110	
375257.46	3785393.82	0.02229	
375257.62	3785417.69	0.02366	
375257.78	3785441.56	0.02511	
375257.94	3785465.43	0.02651	
375258.11	3785489.30	0.02804	
375258.27	3785513.17	0.02968	
375258.43	3785537.04	0.03144	
375258.59	3785560.91	0.03329	
375252.41	3785600.37	0.03326	
375245.96	3785643.69	0.03254	
375239.51	3785687.01	0.03006	
375215.85	3785687.35	0.02525	
375193.27	3785687.35	0.02131	
375168.27	3785711.95	0.01799	
375167.91	3785734.53	0.01768	
375167.56	3785757.11	0.01684	
375167.20	3785779.69	0.01555	
375166.84	3785802.27	0.01394	
375166.48	3785824.85	0.01223	
375166.12	3785847.43	0.01061	
375165.76	3785870.00	0.00923	
375165.40	3785892.58	0.00822	
375165.04	3785915.16	0.00753	

	375188.37	3785940.50	0.00725
375212.57	3785942.12	0.00750	
	375208.66	3785982.26	0.00678
375212.77	3786021.88	0.00627	
	375236.96	3786050.91	0.00608
375261.15	3786079.94	0.00585	
	375296.56	3786082.98	0.00589
375314.95	3786067.34	0.00608	
	375333.33	3786051.69	0.00625
375351.72	3786036.05	0.00639	
	375370.11	3786020.40	0.00650
375388.49	3786004.76	0.00658	
	375406.88	3785989.11	0.00664
375425.27	3785973.47	0.00672	
	375443.65	3785957.82	0.00689
375462.04	3785942.18	0.00721	
	375480.43	3785926.54	0.00765
375498.81	3785910.89	0.00804	
	375517.20	3785895.25	0.00824
375535.59	3785879.60	0.00823	
	375553.97	3785863.96	0.00807
375572.36	3785848.31	0.00786	
	375590.74	3785832.67	0.00766
375609.13	3785817.02	0.00750	
	375627.52	3785801.38	0.00737
375645.90	3785785.73	0.00725	
	375664.29	3785770.09	0.00713
375672.98	3785748.72	0.00729	
	375669.11	3785707.43	0.00802
375663.30	3785645.50	0.00914	
	375280.36	3786063.94	0.00610
375231.98	3786005.88	0.00664	
	375238.43	3785918.79	0.00832
375190.04	3785915.56	0.00780	
	375193.27	3785712.35	0.02161
375261.01	3785712.35	0.03504	
	375283.59	3785560.74	0.05149
375280.36	3785083.34	0.01301	
	375367.46	3785080.12	0.01582
375367.46	3785060.76	0.01589	
	375396.49	3785060.76	0.01707
375448.10	3784776.91	0.08478	
	375412.62	3784757.55	0.08409
375438.42	3784667.23	0.19209	
	375406.16	3784667.23	0.06975
375406.16	3784593.04	0.03574	
	375464.23	3784583.37	0.05759
375528.74	3784444.66	0.08327	
	375435.19	3784444.66	0.02254
375441.65	3784351.12	0.01425	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-
375631.96	3784293.06	0.04863	
375635.19	3784228.54	0.02286	
375935.17	3784135.00	0.06904	
375928.72	3784067.26	0.03164	
376060.97	3784057.58	0.02551	
376064.20	3784102.74	0.03028	
376083.55	3784099.52	0.02902	
376086.78	3784086.61	0.02691	
376119.03	3784083.39	0.02621	
376115.81	3784070.49	0.02431	
376131.94	3784070.49	0.02418	
376131.94	3784060.81	0.02295	
376180.32	3784060.81	0.02285	
376180.32	3784047.91	0.02112	
376219.03	3784051.13	0.02205	
376219.03	3784038.23	0.02007	
376257.74	3784038.23	0.02098	
376302.90	3784035.00	0.02174	
376302.90	3784022.10	0.01971	
376364.18	3784018.88	0.02064	
376364.18	3783996.30	0.01771	
376402.89	3783999.52	0.01874	
376406.12	3783980.17	0.01662	
376448.05	3783980.17	0.01695	
376448.05	3784002.75	0.01993	
376464.18	3784002.75	0.02065	
376464.18	3783986.62	0.01778	
376506.11	3783989.84	0.01964	
376506.11	3783973.72	0.01683	
376602.88	3783967.27	0.01850	

	376602.88	3783944.69	0.01518
376712.55	3783938.23	0.01520	
	376719.01	3783964.04	0.01936
376760.94	3783954.36	0.01683	
	376770.62	3783941.46	0.01473
376822.23	3783944.69	0.01679	
	376828.68	3783935.01	0.01501
376867.39	3783935.01	0.01674	
	376867.39	3783915.65	0.01339
376928.67	3783915.65	0.01523	
	376931.90	3783902.75	0.01319
376960.93	3783902.75	0.01405	
	376967.38	3783899.53	0.01373
376999.64	3783899.53	0.01550	
	376999.64	3783886.62	0.01284
377012.54	3783886.62	0.01331	
	377012.54	3783870.50	0.01134
377057.70	3783873.72	0.01303	
	377057.70	3783860.82	0.01129
377199.63	3783860.82	0.01913	
	377202.85	3783851.14	0.01589
377235.11	3783844.69	0.01639	
	377238.34	3783828.56	0.01263
377360.91	3783818.89	0.01864	
	377360.91	3783805.98	0.01414
377389.94	3783809.21	0.01764	
	377396.39	3783786.63	0.01201
377454.46	3783789.85	0.01641	
	377473.81	3783776.95	0.01390
377496.39	3783760.82	0.01168	
	377528.65	3783764.05	0.01409
377567.35	3783764.05	0.01724	
	377822.18	3783699.54	0.01431
377893.15	3783670.50	0.00656	
	377912.50	3783728.57	0.00631
377738.31	3783783.40	0.03364	
	376725.46	3784028.55	0.05040
376735.13	3784047.91	0.03169	
	376641.59	3784057.58	0.05655
375999.68	3784212.42	0.19776	
	376006.14	3784228.54	0.13565
375960.98	3784228.54	0.22667	
	375967.43	3784251.12	0.13347
375870.66	3784251.12	0.22385	
	375877.11	3784264.03	0.17864
375819.05	3784267.25	0.12433	
	375815.82	3784334.99	0.09936
375767.44	3784341.44	0.20729	
	375760.99	3784405.95	0.09377
375683.57	3784412.41	0.12033	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
375664.22	3784454.34	0.15010	
375670.67	3785618.80	0.00935	
375638.41	3785647.83	0.00982	
375648.09	3785751.05	0.00778	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/19/19
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
376132.99	3784532.47	0.10909	(12021024)	
376123.03	3784315.38	0.19556m	(13123124)	
376015.55	3783978.00	0.30512m	(15123124)	
376105.94	3784076.22	0.26321m	(15123124)	
376385.67	3784156.65	0.15334	(12021024)	
376114.48	3783805.75	0.14772	(13021124)	
377221.29	3783760.91	0.06747	(12020624)	
377315.96	3783558.76	0.04292	(12121124)	
377865.45	3783511.79	0.04722	(12020624)	
376735.15	3784341.71	0.07216	(12021024)	
376797.79	3784336.73	0.07030	(12021024)	
376631.94	3784358.08	0.07427	(12021024)	
375780.66	3786075.59	0.03205c	(14020424)	
375774.97	3785911.17	0.03535	(12100524)	
375708.77	3785897.65	0.03312	(12100524)	
375673.18	3785918.29	0.03679c	(14020424)	
375683.15	3786158.16	0.03090	(12032324)	
375578.52	3786187.34	0.04093	(12032324)	
375475.31	3786229.33	0.05193	(12032324)	
375368.55	3786274.18	0.06261	(12032324)	
375267.47	3786311.19	0.06965	(14022624)	
375211.24	3786311.19	0.07368	(14022624)	
375331.53	3786215.10	0.06649	(15031924)	
375655.13	3785666.41	0.05250m	(13123124)	
375687.39	3785637.38	0.05092m	(13123124)	
375695.53	3785593.89	0.05342m	(13123124)	
375695.40	3785569.11	0.05436m	(13123124)	
375695.26	3785544.33	0.05462m	(13123124)	
375695.12	3785519.56	0.05450m	(13123124)	
375694.98	3785494.78	0.05484	(12100524)	

	375694.85	3785470.01	0.05714	(12100524)
375694.71	3785445.23	0.05941	(12100524)	
	375694.57	3785420.46	0.06177	(12100524)
375694.43	3785395.68	0.06415	(12100524)	
	375694.30	3785370.90	0.06647	(12100524)
375694.16	3785346.13	0.06873	(12100524)	
	375694.02	3785321.35	0.07096	(12100524)
375693.89	3785296.58	0.07301	(12100524)	
	375693.75	3785271.80	0.07536	(14121024)
375693.61	3785247.03	0.07749	(14121024)	
	375693.47	3785222.25	0.07899	(14121024)
375693.34	3785197.47	0.08158c	(15020524)	
	375693.20	3785172.70	0.08801c	(15020524)
375693.06	3785147.92	0.09363c	(15020524)	
	375692.92	3785123.15	0.09753c	(15020524)
375692.79	3785098.37	0.09975c	(15020524)	
	375692.65	3785073.60	0.10050c	(15020524)
375692.51	3785048.82	0.10035	(12100324)	
	375692.38	3785024.04	0.10122	(14032524)
375692.24	3784999.27	0.10531c	(15020224)	
	375692.10	3784974.49	0.12931c	(15020224)
375691.96	3784949.72	0.15123c	(15020224)	
	375691.83	3784924.94	0.16668c	(15020224)
375691.69	3784900.16	0.17111c	(15020224)	
	375691.55	3784875.39	0.16444c	(14020424)
375691.42	3784850.61	0.17652c	(12011024)	
	375691.28	3784825.84	0.17751c	(12011024)
375691.14	3784801.06	0.18809c	(12112024)	
	375691.00	3784776.29	0.20413c	(12112024)
375690.87	3784751.51	0.20198c	(12112024)	
	375690.73	3784726.73	0.21629m	(13123124)
375690.59	3784701.96	0.29155	(12021024)	
	375690.45	3784677.18	0.34014	(12021024)
375690.32	3784652.41	0.34561	(12021024)	
	375690.18	3784627.63	0.34647c	(12011924)
375690.04	3784602.86	0.33213	(12020624)	
	375689.91	3784578.08	0.32540m	(13123124)
375689.77	3784553.30	0.36755m	(15123124)	
	375689.63	3784528.53	0.43417m	(15123124)
375689.49	3784503.75	0.48001m	(15123124)	
	375689.36	3784478.98	0.53299m	(15123124)
375689.22	3784454.20	0.58927m	(15123124)	
	375706.27	3784422.89	0.55469m	(15123124)
375743.71	3784432.48	0.42684m	(15123124)	
	375785.87	3784408.44	0.35735m	(15123124)
375790.17	3784365.43	0.49750m	(13123124)	
	375819.12	3784359.77	0.43238m	(13123124)
375840.79	3784336.18	0.43745	(12021024)	
	375841.87	3784313.60	0.38817m	(15123124)
375842.94	3784291.02	0.45401m	(15123124)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
375844.02	3784268.44	0.55402m (15123124)	
375820.43	3784292.21	0.52072m (15123124)	
375878.49	3784288.99	0.41767 (16121224)	
375899.10	3784264.72	0.54589m (13123124)	
375919.04	3784276.12	0.41149m (13123124)	
375943.24	3784276.12	0.38429m (13123124)	
375967.43	3784276.12	0.35904m (13123124)	
375991.47	3784244.25	0.54199m (13123124)	
375960.98	3784253.54	0.54149m (13123124)	
376028.10	3784230.89	0.43775 (12021024)	
376053.09	3784225.25	0.38641 (12021024)	
376076.87	3784219.52	0.34658 (12021024)	
376100.64	3784213.78	0.31542 (12021024)	
376124.41	3784208.05	0.28833 (12021024)	
376148.19	3784202.31	0.26777 (12021024)	
376171.96	3784196.58	0.24941 (12021024)	
376195.74	3784190.84	0.23373 (12021024)	
376219.51	3784185.11	0.21975 (12021024)	
376243.29	3784179.37	0.20714 (12021024)	
376267.06	3784173.64	0.19589 (12021024)	
376290.84	3784167.91	0.18597 (12021024)	
376314.61	3784162.17	0.17693 (12021024)	
376338.38	3784156.44	0.16982 (12021024)	
376362.16	3784150.70	0.16377 (12021024)	
376385.93	3784144.97	0.15923 (12021024)	
376409.71	3784139.23	0.15367 (12021024)	
376433.48	3784133.50	0.14873 (12021024)	
376457.26	3784127.76	0.14449 (12021024)	
376481.03	3784122.03	0.14064 (12021024)	
376504.81	3784116.29	0.13847c (12112124)	

	376528.58	3784110.56	0.13589c (12112124)
376552.35	3784104.82	0.13257c (12112124)	
	376576.13	3784099.09	0.12925c (12112124)
376599.90	3784093.35	0.12620c (12011924)	
	376623.68	3784087.62	0.12483c (12011924)
376647.45	3784081.88	0.12372c (12011924)	
	376690.93	3784077.61	0.11265c (12011924)
376714.32	3784075.19	0.10423c (16011424)	
	376737.70	3784072.78	0.09913c (12011924)
376757.27	3784048.34	0.11976c (12011924)	
	376779.57	3784041.17	0.11799c (12011924)
376803.69	3784035.34	0.11511c (12011924)	
	376827.80	3784029.50	0.11194c (12011924)
376851.92	3784023.66	0.10954c (12011924)	
	376876.03	3784017.83	0.10797c (12011924)
376900.15	3784011.99	0.10614c (12011924)	
	376924.26	3784006.15	0.10398c (12011924)
376948.38	3784000.32	0.10205 (14012724)	
	376972.50	3783994.48	0.10141 (14012724)
376996.61	3783988.64	0.09995c (12011924)	
	377020.73	3783982.81	0.09871 (14012724)
377044.84	3783976.97	0.09731c (12011924)	
	377068.96	3783971.13	0.09621 (14012724)
377093.07	3783965.29	0.09509 (14012724)	
	377117.19	3783959.46	0.09389 (14012724)
377141.30	3783953.62	0.09259c (12011924)	
	377165.42	3783947.78	0.09153c (12011924)
377189.54	3783941.95	0.09047c (12011924)	
	377213.65	3783936.11	0.08949c (12011924)
377237.77	3783930.27	0.08829c (12011924)	
	377261.88	3783924.44	0.08725c (12011924)
377286.00	3783918.60	0.08636c (12011924)	
	377310.11	3783912.76	0.08528c (12011924)
377334.23	3783906.93	0.08439c (12011924)	
	377358.34	3783901.09	0.08355c (12011924)
377382.46	3783895.25	0.08269c (12011924)	
	377406.57	3783889.42	0.08184c (12011924)
377430.69	3783883.58	0.08080c (12011924)	
	377454.81	3783877.74	0.07996c (12011924)
377478.92	3783871.90	0.07919c (12011924)	
	377503.04	3783866.07	0.07843c (12011924)
377527.15	3783860.23	0.07767c (12011924)	
	377551.27	3783854.39	0.07709c (12011924)
377575.38	3783848.56	0.07648c (12011924)	
	377599.50	3783842.72	0.07596c (12011924)
377623.61	3783836.88	0.07551c (12011924)	
	377647.73	3783831.05	0.07488c (12011924)
377671.84	3783825.21	0.07418c (12011924)	
	377695.96	3783819.37	0.07338c (12011924)
377720.08	3783813.54	0.07232c (12011924)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
377744.19	3783807.70	0.07120c (12011924)	
377767.59	3783800.39	0.07178c (12011924)	
377789.36	3783793.54	0.07248c (12011924)	
377811.14	3783786.69	0.07276c (12011924)	
377832.91	3783779.83	0.07276c (12011924)	
377854.68	3783772.98	0.06853c (12011924)	
377876.46	3783766.12	0.06290c (12011924)	
377898.23	3783759.27	0.05876 (14012724)	
377920.01	3783752.42	0.05802 (14012724)	
377936.22	3783720.67	0.06551 (14012724)	
377923.32	3783681.95	0.06868 (14012724)	
377893.63	3783647.57	0.06160 (12020624)	
377865.94	3783654.62	0.06398 (12020624)	
377830.45	3783669.14	0.07134 (14021424)	
377792.88	3783681.17	0.07459 (14021424)	
377769.71	3783687.03	0.07516 (14021424)	
377746.55	3783692.90	0.07575 (14021424)	
377723.38	3783698.76	0.07602 (14021424)	
377700.21	3783704.63	0.07631 (14021424)	
377677.05	3783710.49	0.07653 (14021424)	
377653.88	3783716.36	0.07703 (14021424)	
377630.71	3783722.22	0.07736 (14021424)	
377607.55	3783728.09	0.07784 (14021424)	
377584.38	3783733.95	0.07824 (14021424)	
377561.21	3783739.81	0.07861 (14021424)	
377528.65	3783739.05	0.07435 (14021424)	
377498.88	3783735.94	0.06997 (14021424)	
377470.57	3783748.54	0.07267 (14021424)	
377440.59	3783769.05	0.07998 (14021424)	
377417.13	3783762.74	0.07395 (14021424)	

	377372.35	3783779.76	0.07742	(14021424)
377365.90	3783802.34	0.09253	(14021424)	
	377340.07	3783796.67	0.08328	(14021424)
377335.91	3783818.89	0.10650	(14021424)	
	377309.92	3783797.84	0.07989	(14021424)
377285.40	3783799.77	0.07813	(14021424)	
	377260.89	3783801.70	0.07662	(14021424)
377236.37	3783803.64	0.07536	(14021424)	
	377213.83	3783823.65	0.08276	(14021424)
377182.71	3783837.83	0.08757	(14021424)	
	377152.32	3783835.82	0.08257	(14021424)
377128.67	3783835.82	0.08042	(14021424)	
	377105.01	3783835.82	0.07896	(12020624)
377081.35	3783835.82	0.07869	(12020624)	
	377057.70	3783835.82	0.07875	(12020624)
377036.36	3783851.98	0.08177	(12020624)	
	377014.32	3783845.56	0.08139	(12020624)
376991.52	3783861.35	0.08396	(12020624)	
	376987.54	3783886.62	0.09400	(14021424)
376967.38	3783874.53	0.08702	(12020624)	
	376931.90	3783877.75	0.08850	(12020624)
376912.08	3783889.86	0.09156	(12020624)	
	376887.82	3783890.65	0.09238	(12020624)
376842.39	3783915.65	0.09980	(12020624)	
	376867.39	3783910.01	0.09733	(12020624)
376812.38	3783917.06	0.10213	(12020624)	
	376789.38	3783917.59	0.10463	(12020624)
376750.62	3783926.46	0.11202	(12020624)	
	376713.39	3783939.68	0.11990	(12020624)
376743.26	3783957.97	0.12814	(12020624)	
	376711.08	3783913.27	0.10697	(12020624)
376667.21	3783915.86	0.10677	(12020624)	
	376623.34	3783918.44	0.10672	(12020624)
376577.88	3783944.69	0.11708	(12020624)	
	376577.88	3783967.27	0.12933	(12020624)
376601.22	3783942.33	0.11643	(12020624)	
	376552.83	3783945.55	0.11701	(12020624)
376528.64	3783947.16	0.11763	(12020624)	
	376504.45	3783948.78	0.11912	(13011824)
376484.48	3783965.18	0.12589	(12020624)	
	376443.19	3783977.45	0.13261	(12020624)
376448.05	3783955.17	0.12691	(13011824)	
	376406.12	3783955.17	0.13079	(13011824)
376381.46	3783976.05	0.13780	(13011824)	
	376339.18	3783996.30	0.14613	(13011824)
376339.18	3784018.88	0.15786	(12020624)	
	376362.87	3783993.91	0.14202	(13011824)
376301.59	3783997.13	0.15136	(16012124)	
	376281.33	3784013.50	0.15761	(13011824)
376255.96	3784013.29	0.16775	(16012124)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
376219.03	3784013.23	0.18798	(16012124)	
376197.69	3784029.39	0.19647	(16012124)	
376159.36	3784038.71	0.22388m	(15123124)	
376131.94	3784035.81	0.27888m	(15123124)	
376110.60	3784051.97	0.30101m	(15123124)	
376091.55	3784076.54	0.29958m	(15123124)	
376066.48	3784074.12	0.39350m	(15123124)	
376059.15	3784032.65	0.45666m	(15123124)	
376015.06	3784035.87	0.47335m	(15123124)	
375970.98	3784039.10	0.39811m	(15123124)	
375926.90	3784042.33	0.28334	(14011324)	
375903.83	3784069.63	0.31025m	(15123124)	
375905.98	3784092.21	0.43184m	(15123124)	
375908.13	3784114.79	0.58021m	(15123124)	
375910.28	3784137.37	0.74527m	(15123124)	
375881.58	3784125.52	0.54055m	(15123124)	
375858.50	3784132.72	0.46207m	(15123124)	
375835.43	3784139.91	0.37748	(15121124)	
375812.35	3784147.11	0.36110	(15121124)	
375789.28	3784154.31	0.33690	(15121124)	
375766.20	3784161.50	0.33911c	(12120524)	
375743.12	3784168.70	0.34441	(16122824)	
375720.05	3784175.89	0.40213	(16122824)	
375696.97	3784183.09	0.39732	(16122824)	
375673.90	3784190.28	0.33448	(16122824)	
375650.82	3784197.48	0.26724	(16122824)	
375627.75	3784204.67	0.22825c	(14011524)	
375610.22	3784227.29	0.23259	(13011724)	
375608.07	3784270.30	0.28910	(16122824)	
375577.09	3784283.66	0.27881	(13011724)	

	375553.30	3784290.92	0.25966	(13011724)
375529.51	3784298.18	0.22942	(13011724)	
	375505.72	3784305.44	0.20529	(13122524)
375481.93	3784312.69	0.19907	(13122524)	
	375458.14	3784319.95	0.18087	(13122524)
375434.35	3784327.21	0.16175	(13122524)	
	375416.71	3784349.40	0.15351	(16122924)
375415.09	3784372.78	0.16915	(13022624)	
	375413.48	3784396.17	0.17795	(13022624)
375411.86	3784419.55	0.18938	(13122524)	
	375410.25	3784442.94	0.21990	(13122524)
375435.19	3784469.66	0.24456	(13122524)	
	375458.58	3784469.66	0.28007	(16120824)
375481.96	3784469.66	0.37695	(16120824)	
	375505.35	3784469.66	0.52399	(16120824)
375478.42	3784493.56	0.47442	(16120824)	
	375459.99	3784533.20	0.46919	(16120824)
375441.56	3784572.83	0.56206	(13122524)	
	375460.12	3784558.71	0.43330	(13122524)
375402.05	3784568.38	0.35360	(16120824)	
	375381.16	3784593.04	0.31736	(16120824)
375381.16	3784617.77	0.28728	(16120824)	
	375381.16	3784642.50	0.30137	(16020824)
375381.16	3784667.23	0.38839	(16020824)	
	375397.32	3784688.57	0.55134	(16120824)
375422.29	3784692.23	0.91788	(16120824)	
	375395.03	3784728.10	0.73919	(16120824)
375388.58	3784750.68	0.61269	(16120824)	
	375400.65	3784779.50	0.59541	(16121224)
375436.13	3784798.86	0.46644	(16121224)	
	375423.50	3784772.44	0.64541	(16121224)
375414.90	3784819.75	0.43838	(16121224)	
	375410.60	3784843.40	0.35922	(16121224)
375406.30	3784867.05	0.29604	(16121224)	
	375402.00	3784890.71	0.25007	(13112024)
375397.70	3784914.36	0.23498	(13112024)	
	375393.40	3784938.02	0.22105	(13112024)
375389.10	3784961.67	0.20811	(13112024)	
	375384.80	3784985.33	0.19613	(13112024)
375380.49	3785008.98	0.18502	(13112024)	
	375376.19	3785032.63	0.17476	(13112024)
375371.89	3785056.29	0.16530	(13112024)	
	375342.46	3785060.76	0.14006	(13112024)
375301.21	3785057.55	0.15970c	(15112624)	
	375255.36	3785083.51	0.18043c	(15112624)
375255.52	3785107.38	0.16171c	(15112624)	
	375255.68	3785131.25	0.14375c	(15112624)
375255.85	3785155.12	0.12751c	(15112624)	
	375256.01	3785178.99	0.11348c	(15112624)
375256.17	3785202.86	0.10635	(13122524)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
375256.33	3785226.73	0.11414	(13122524)	
375256.49	3785250.60	0.11432	(13122524)	
375256.65	3785274.47	0.11135	(13122524)	
375256.81	3785298.34	0.11152	(13122524)	
375256.98	3785322.21	0.11450	(13122524)	
375257.14	3785346.08	0.11830	(13122524)	
375257.30	3785369.95	0.12133	(13122524)	
375257.46	3785393.82	0.12504	(13122524)	
375257.62	3785417.69	0.13166c	(15112624)	
375257.78	3785441.56	0.13817c	(15112624)	
375257.94	3785465.43	0.14470c	(15112624)	
375258.11	3785489.30	0.15117c	(15112624)	
375258.27	3785513.17	0.15785c	(15112624)	
375258.43	3785537.04	0.16459c	(15112624)	
375258.59	3785560.91	0.17196c	(15112624)	
375252.41	3785600.37	0.17304c	(15112624)	
375245.96	3785643.69	0.17313c	(15112624)	
375239.51	3785687.01	0.17043c	(12110724)	
375215.85	3785687.35	0.15959	(16121224)	
375193.27	3785687.35	0.13387	(16121224)	
375168.27	3785711.95	0.11684	(16121224)	
375167.91	3785734.53	0.12053	(16121224)	
375167.56	3785757.11	0.11861	(16121224)	
375167.20	3785779.69	0.11176	(16121224)	
375166.84	3785802.27	0.10136	(16121224)	
375166.48	3785824.85	0.09782	(13112024)	
375166.12	3785847.43	0.09816	(13112024)	
375165.76	3785870.00	0.09819	(13112024)	
375165.40	3785892.58	0.09790	(13112024)	
375165.04	3785915.16	0.09717	(13112024)	

	375188.37	3785940.50	0.10276	(13112024)
375212.57	3785942.12	0.10635	(13112024)	
	375208.66	3785982.26	0.09820	(13112024)
375212.77	3786021.88	0.09598	(14022624)	
	375236.96	3786050.91	0.10126	(14022624)
375261.15	3786079.94	0.09893	(14022624)	
	375296.56	3786082.98	0.09235	(14022624)
375314.95	3786067.34	0.08902	(14022624)	
	375333.33	3786051.69	0.08425	(14022624)
375351.72	3786036.05	0.08396	(15031924)	
	375370.11	3786020.40	0.08593	(12032324)
375388.49	3786004.76	0.08499	(12032324)	
	375406.88	3785989.11	0.08143	(12032324)
375425.27	3785973.47	0.07622	(12032324)	
	375443.65	3785957.82	0.07063	(12032324)
375462.04	3785942.18	0.06564	(12032324)	
	375480.43	3785926.54	0.06166	(12032324)
375498.81	3785910.89	0.05865	(12032324)	
	375517.20	3785895.25	0.05628	(12032324)
375535.59	3785879.60	0.05428	(12032324)	
	375553.97	3785863.96	0.05375c	(15020224)
375572.36	3785848.31	0.05079c	(15020224)	
	375590.74	3785832.67	0.04855	(12032324)
375609.13	3785817.02	0.04631	(12032324)	
	375627.52	3785801.38	0.04390	(12032324)
375645.90	3785785.73	0.04153	(13020124)	
	375664.29	3785770.09	0.04089	(13020124)
375672.98	3785748.72	0.04086	(12021024)	
	375669.11	3785707.43	0.04416m	(13123124)
375663.30	3785645.50	0.05378m	(13123124)	
	375280.36	3786063.94	0.09943	(14022624)
375231.98	3786005.88	0.10503	(14022624)	
	375238.43	3785918.79	0.11710	(14022624)
375190.04	3785915.56	0.10640	(13112024)	
	375193.27	3785712.35	0.13953	(16121224)
375261.01	3785712.35	0.20470	(13112024)	
	375283.59	3785560.74	0.24623	(13112024)
375280.36	3785083.34	0.15838c	(15112624)	
	375367.46	3785080.12	0.15687	(13112024)
375367.46	3785060.76	0.16118	(13112024)	
	375396.49	3785060.76	0.17378	(13112024)
375448.10	3784776.91	0.55739	(16121224)	
	375412.62	3784757.55	0.68220	(16121224)
375438.42	3784667.23	0.91378	(16120824)	
	375406.16	3784667.23	0.48205	(16020824)
375406.16	3784593.04	0.35976	(15120224)	
	375464.23	3784583.37	0.55350	(13122524)
375528.74	3784444.66	0.56103	(13011724)	
	375435.19	3784444.66	0.21581	(16122924)
375441.65	3784351.12	0.17762	(13122524)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
375631.96	3784293.06	0.39106	(12120624)	
375635.19	3784228.54	0.26029	(16122824)	
375935.17	3784135.00	0.84401m	(15123124)	
375928.72	3784067.26	0.39228m	(15123124)	
376060.97	3784057.58	0.44509m	(15123124)	
376064.20	3784102.74	0.31685m	(15123124)	
376083.55	3784099.52	0.27057	(16012124)	
376086.78	3784086.61	0.28818m	(15123124)	
376119.03	3784083.39	0.23680	(16012124)	
376115.81	3784070.49	0.25282m	(15123124)	
376131.94	3784070.49	0.23188	(16012124)	
376131.94	3784060.81	0.23813m	(15123124)	
376180.32	3784060.81	0.19512	(16012124)	
376180.32	3784047.91	0.20143	(16012124)	
376219.03	3784051.13	0.18022	(12020624)	
376219.03	3784038.23	0.17947	(16012124)	
376257.74	3784038.23	0.16968	(12020624)	
376302.90	3784035.00	0.17058	(12020624)	
376302.90	3784022.10	0.15778	(12020624)	
376364.18	3784018.88	0.15913	(12020624)	
376364.18	3783996.30	0.14211	(13011824)	
376402.89	3783999.52	0.14592	(12020624)	
376406.12	3783980.17	0.13426	(13011824)	
376448.05	3783980.17	0.13364	(12020624)	
376448.05	3784002.75	0.14740	(12020624)	
376464.18	3784002.75	0.14855	(12020624)	
376464.18	3783986.62	0.13758	(12020624)	
376506.11	3783989.84	0.14086	(12020624)	
376506.11	3783973.72	0.13065	(12020624)	
376602.88	3783967.27	0.13111	(12020624)	

	376602.88	3783944.69	0.11757	(12020624)
376712.55	3783938.23	0.11903	(12020624)	
	376719.01	3783964.04	0.13763	(12020624)
376760.94	3783954.36	0.12290	(14021424)	
	376770.62	3783941.46	0.11552	(12020624)
376822.23	3783944.69	0.11898	(14021424)	
	376828.68	3783935.01	0.11094	(14021424)
376867.39	3783935.01	0.11850	(14021424)	
	376867.39	3783915.65	0.10070	(14021424)
376928.67	3783915.65	0.10862	(14021424)	
	376931.90	3783902.75	0.09854	(14021424)
376960.93	3783902.75	0.10239	(14021424)	
	376967.38	3783899.53	0.10070	(14021424)
376999.64	3783899.53	0.10805	(14021424)	
	376999.64	3783886.62	0.09546	(14021424)
377012.54	3783886.62	0.09738	(14021424)	
	377012.54	3783870.50	0.08750	(14021424)
377057.70	3783873.72	0.09436	(14021424)	
	377057.70	3783860.82	0.08644	(14021424)
377199.63	3783860.82	0.11797	(14021424)	
	377202.85	3783851.14	0.10776	(14021424)
377235.11	3783844.69	0.10508	(14021424)	
	377238.34	3783828.56	0.09002	(14021424)
377360.91	3783818.89	0.11362	(14021424)	
	377360.91	3783805.98	0.09665	(14021424)
377389.94	3783809.21	0.11002	(14021424)	
	377396.39	3783786.63	0.08500	(14021424)
377454.46	3783789.85	0.10330	(14021424)	
	377473.81	3783776.95	0.09212	(14021424)
377496.39	3783760.82	0.08262	(14021424)	
	377528.65	3783764.05	0.09239	(14021424)
377567.35	3783764.05	0.10764	(14021424)	
	377822.18	3783699.54	0.10117	(14021424)
377893.15	3783670.50	0.06673	(14011724)	
	377912.50	3783728.57	0.07002	(14012724)
377738.31	3783783.40	0.11622c	(12011924)	
	376725.46	3784028.55	0.21200c	(12011924)
376735.13	3784047.91	0.13241c	(12011924)	
	376641.59	3784057.58	0.19538m	(13123124)
375999.68	3784212.42	0.70822	(12021024)	
	376006.14	3784228.54	0.54665	(12021024)
375960.98	3784228.54	0.87893m	(13123124)	
	375967.43	3784251.12	0.55777m	(13123124)
375870.66	3784251.12	0.81512m	(13123124)	
	375877.11	3784264.03	0.61487	(16120824)
375819.05	3784267.25	0.64172m	(15123124)	
	375815.82	3784334.99	0.50311	(12021024)
375767.44	3784341.44	0.83290m	(13123124)	
	375760.99	3784405.95	0.43013m	(15123124)
375683.57	3784412.41	0.59155m	(15123124)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** 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)	
375664.22	3784454.34	0.71240m (15123124)	
375670.67	3785618.80	0.05518m (13123124)	
375638.41	3785647.83	0.05749m (13123124)	
375648.09	3785751.05	0.04282 (13020124)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/19/19
 *** AERMET - VERSION 16216 *** ***
 *** 17:58:49

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD

(43848 HRS) RESULTS ***

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

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

ALL	1ST HIGHEST VALUE IS	0.22667 AT (375960.98,
3784228.54,	236.00, 236.00,	0.00) DC
	2ND HIGHEST VALUE IS	0.22385 AT (375870.66,
3784251.12,	236.00, 236.00,	0.00) DC
	3RD HIGHEST VALUE IS	0.20729 AT (375767.44,
3784341.44,	236.00, 236.00,	0.00) DC
	4TH HIGHEST VALUE IS	0.19776 AT (375999.68,
3784212.42,	236.00, 236.00,	0.00) DC
	5TH HIGHEST VALUE IS	0.19209 AT (375438.42,
3784667.23,	236.00, 236.00,	0.00) DC
	6TH HIGHEST VALUE IS	0.17864 AT (375877.11,
3784264.03,	236.00, 236.00,	0.00) DC
	7TH HIGHEST VALUE IS	0.16262 AT (375899.10,
3784264.72,	236.00, 236.00,	0.00) DC
	8TH HIGHEST VALUE IS	0.15010 AT (375664.22,
3784454.34,	236.00, 236.00,	0.00) DC
	9TH HIGHEST VALUE IS	0.14364 AT (375844.02,
3784268.44,	236.00, 236.00,	0.00) DC
	10TH HIGHEST VALUE IS	0.13612 AT (375422.29,
3784692.23,	236.00, 236.00,	0.00) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/19/19
*** AERMET - VERSION 16216 *** ***
*** 17:58:49

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF

HIGHEST 24-HR RESULTS ***

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

DATE

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

ALL HIGH 1ST HIGH VALUE IS 0.91788 ON 16120824: AT (
375422.29, 3784692.23, 236.00, 236.00, 0.00) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/19/19
*** AERMET - VERSION 16216 *** ***
*** 17:58:49

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA 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 713 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 519 Calm Hours Identified

A Total of 194 Missing Hours Identified (0.44 Percent)

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

***** WARNING MESSAGES *****
ME W186 731 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 731 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** AERMOD Finishes Successfully ***

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 12/17/2019
** File: C:\Lakes\AERMOD View\HSR_B-LA_CO_BAS_Tunnel_Cut_Cover\HSR_B-
LA_CO_BAS_Tunnel_Cut_Cover.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\HSR_B-LA_BAS_Cut_Cover_Tunnel\HSR_B-
LA_BAS_Cut_
  MODELOPT CONC FASTAREA
  AVERTIME 1 8
  URBANOPT 104834 City_of_Burbank_(2017)
  POLLUTID CO
  FLAGPOLE 1.80
  RUNORNOT RUN
  ERRORFIL HSR_B-LA_CO_BAS_Tunnel_Cut_Cover.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION OPIT1 OPENPIT 375377.364 3785079.629 215.950
** DESCRSRC Open Pit Area 1 Burbank Airport Station
LOCATION OPIT2 OPENPIT 375472.450 3784583.880 209.290
** DESCRSRC Open Pit Area 2 South of Runway
LOCATION OPIT3 OPENPIT 375606.746 3784345.824 207.240
** DESCRSRC Open Pit Area 3 at Hollywood Blvd and Empire Ave
LOCATION OPIT4 OPENPIT 375749.768 3784228.874 204.790
** DESCRSRC Open Pit Area 4 at Vanowen Street and Empire Ave
LOCATION OPIT5 OPENPIT 376058.707 3784139.025 200.390
** DESCRSRC Open Pit Area 5 at Vanowen Street
LOCATION PAREA1 AREAPOLY 376062.540 3784143.009 200.380
** DESCRSRC At Grade Track Construction Area 6
LOCATION PAREA2 AREAPOLY 376692.773 3784005.966 196.710
** DESCRSRC At Grade Track Construction Area 7
** Source Parameters **

```


[illegible]

[illegible]

```

    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
    INCLUDED HSR_B-LA_CO_BAS_Tunnel_Cut_Cover.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
    SURFFILE KBUR_v9.SFC
    PROFFILE KBUR_v9.PFL
    SURFDATA 23152 2012
    UAIRDATA 3190 2012
    PROFBASE 236.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
    RECTABLE ALLAVE 1ST
    RECTABLE 1 1ST
    RECTABLE 8 1ST
** Auto-Generated Plotfiles
    PLOTFILE 1 ALL 1ST HSR_B-LA_CO_BAS_TUNNEL_CUT_COVER.AD\01H1GALL.PLT 31
    PLOTFILE 8 ALL 1ST HSR_B-LA_CO_BAS_TUNNEL_CUT_COVER.AD\08H1GALL.PLT 32
    SUMMFILE HSR_B-LA_CO_BAS_Tunnel_Cut_Cover.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 237 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 237 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
*** AERMET - VERSION 16216 *** ***
*** 00:28:57

PAGE 1

*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** MODEL SETUP OPTIONS

SUMMARY ***

**Model Is Setup For Calculation of Average CONcEntration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 7 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 104834.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:

FASTAREA - Use hybrid approach to optimize AREA sources;
also applies to LINE sources (formerly TOXICS option)

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 Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: CO

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

**This Run Includes: 7 Source(s); 1 Source Group(s); and
461 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 2 AREA type source(s)
and: 0 LINE source(s)

and: 0 RLINE/RLINEXT source(s)
and: 5 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with 0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

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

**NOTE: The Following Flags May Appear Following CONC Values: c for
Calm Hours

m for
Missing Hours

b for
Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 236.00 ;
Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: HSR_B-LA_CO_BAS_Tunnel_Cut_Cover.err

**File for Summary of Results: HSR_B-LA_CO_BAS_Tunnel_Cut_Cover.sum

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** AREAPOLY SOURCE DATA

NUMBER	NUMBER	EMISSION	RATE	LOCATION OF AREA		BASE	RELEASE
SOURCE	INIT.	URBAN	EMISSION				
OF VERTS.	PART.	(GRAMS/SEC		X	Y	ELEV.	HEIGHT
ID	SZ	SOURCE	SCALAR	VARY			
(METERS)	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	BY						
PAREA1	0	0.14816E-04	376062.5	3784143.0	200.4	3.00	
4	0.00	YES	HRDOW7				
PAREA2	0	0.12285E-04	376692.8	3784006.0	196.7	3.00	
4	0.00	YES	HRDOW7				

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** OPENPIT SOURCE DATA

X-DIM	Y-DIM	NUMBER	EMISSION	RATE	COORD (SW CORNER)	BASE	RELEASE
SOURCE	PART.	ORIENT.	VOLUME	URBAN	EMISSION	RATE	HEIGHT
OF PIT	OF PIT	OF PIT	OF PIT	SOURCE	SCALAR	VARY	
ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	(METERS)	(DEG.)	(M**3)		BY		
OPIT1		0	0.11845E-04	375377.4	3785079.6	216.0	3.00
92.00	820.00	-9.50	.26264E+07	YES	HRDOW7		
OPIT2		0	0.11113E-03	375472.5	3784583.9	209.3	3.00
92.00	168.12	-14.50	.40455E+06	YES	HRDOW7		
OPIT3		0	0.48197E-04	375606.7	3784345.8	207.2	3.00
92.00	270.46	-30.00	.78637E+06	YES	HRDOW7		
OPIT4		0	0.72419E-04	375749.8	3784228.9	204.8	3.00
92.00	180.00	-50.00	.61564E+06	YES	HRDOW7		
OPIT5		0	0.74954E-04	376058.7	3784139.0	200.4	3.00
50.00	320.00	-74.00	.45427E+06	YES	HRDOW7		

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
*** AERMET - VERSION 16216 *** ***
*** 00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL	OPIT1	,	OPIT2	,	OPIT3	,	OPIT4	,
OPIT5	, PAREA1	,	PAREA2	,				

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*** AERMOD - VERSION 19191 ***      *** C:\Lakes\AERMOD View\HSR_B-
LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ ***      12/17/19
*** AERMET - VERSION 16216 ***      ***
***      00:28:57

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PAGE      5
*** MODELOPTs:      NonDEFAULT  CONC  ELEV  FLGPOL  FASTAREA  URBAN  ADJ_U*

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```

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

```

URBAN ID	URBAN POP	SOURCE IDs			
-----	-----	-----			
	104834.	OPIT1	, OPIT2	, OPIT3	, OPIT4
, OPIT5	, PAREA1	, PAREA2	,		

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = OPIT1 ; SOURCE TYPE = OPENPIT :

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

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*** AERMOD - VERSION 19191 ***      *** C:\Lakes\AERMOD View\HSR_B-
LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ ***      12/17/19
*** AERMET - VERSION 16216 ***      ***
***      00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW7) *

```

SOURCE ID = OPIT2      ; SOURCE TYPE = OPENPIT :
  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR   SCALAR  HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = MONDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5
.0000E+00  6 .1000E+01  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 .1000E+01 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 = TUESDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5
.0000E+00  6 .1000E+01  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 .1000E+01 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 = WEDNESDY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5
.0000E+00  6 .1000E+01  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 .1000E+01 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 = THURSDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5
.0000E+00  6 .1000E+01  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 .1000E+01 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 = FRIDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5
.0000E+00  6 .1000E+01  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 .1000E+01 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		

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*** AERMOD - VERSION 19191 ***      *** C:\Lakes\AERMOD View\HSR_B-
LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ ***      12/17/19
*** AERMET - VERSION 16216 ***      ***
***      00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW7) *

```

SOURCE ID = OPIT3      ; SOURCE TYPE = OPENPIT :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = MONDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .1000E+01    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  .1000E+01   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 = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .1000E+01    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  .1000E+01   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 = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .1000E+01    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  .1000E+01   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 = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .1000E+01    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  .1000E+01   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 = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .1000E+01    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  .1000E+01   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		

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*** AERMOD - VERSION 19191 ***      *** C:\Lakes\AERMOD View\HSR_B-
LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ ***      12/17/19
*** AERMET - VERSION 16216 ***      ***
***      00:28:57

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*** MODELOPTs:      NonDEFAULT  CONC  ELEV  FLGPOL  FASTAREA  URBAN  ADJ_U*

```

```

      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW7) *

```

```

SOURCE ID = OPIT4      ; SOURCE TYPE = OPENPIT :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR

```

```

- - - - -
- - - - -

```

DAY OF WEEK = MONDAY

```

  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5
.0000E+00  6 .1000E+01  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 .1000E+01 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 = TUESDAY

```

  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5
.0000E+00  6 .1000E+01  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 .1000E+01 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 = WEDNESDY

```

  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5
.0000E+00  6 .1000E+01  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 .1000E+01 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 = THURSDAY

```

  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5
.0000E+00  6 .1000E+01  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 .1000E+01 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 = FRIDAY

```

  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5
.0000E+00  6 .1000E+01  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 .1000E+01 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		

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*** AERMOD - VERSION 19191 ***      *** C:\Lakes\AERMOD View\HSR_B-
LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ ***      12/17/19
*** AERMET - VERSION 16216 ***      ***
***      00:28:57

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*** MODELOPTs:      NonDEFAULT  CONC  ELEV  FLGPOL  FASTAREA  URBAN  ADJ_U*

```

```

      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW7) *

```

```

SOURCE ID = OPIT5      ; SOURCE TYPE = OPENPIT :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = MONDAY
      1  .0000E+00      2  .0000E+00      3  .0000E+00      4  .0000E+00      5
.0000E+00      6  .1000E+01      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  .1000E+01     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 = TUESDAY
      1  .0000E+00      2  .0000E+00      3  .0000E+00      4  .0000E+00      5
.0000E+00      6  .1000E+01      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  .1000E+01     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 = WEDNESDY
      1  .0000E+00      2  .0000E+00      3  .0000E+00      4  .0000E+00      5
.0000E+00      6  .1000E+01      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  .1000E+01     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 = THURSDAY
      1  .0000E+00      2  .0000E+00      3  .0000E+00      4  .0000E+00      5
.0000E+00      6  .1000E+01      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  .1000E+01     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 = FRIDAY
      1  .0000E+00      2  .0000E+00      3  .0000E+00      4  .0000E+00      5
.0000E+00      6  .1000E+01      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  .1000E+01     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		

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

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

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*** AERMOD - VERSION 19191 ***      *** C:\Lakes\AERMOD View\HSR_B-
LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ ***      12/17/19
*** AERMET - VERSION 16216 ***      ***
***      00:28:57

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*** MODELOPTs:      NonDEFAULT  CONC  ELEV  FLGPOL  FASTAREA  URBAN  ADJ_U*

```

```

      * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW7) *

```

```

SOURCE ID = PAREA2      ; SOURCE TYPE = AREAPOLY :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = MONDAY
      1  .0000E+00      2  .0000E+00      3  .0000E+00      4  .0000E+00      5
.0000E+00      6  .1000E+01      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  .1000E+01     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 = TUESDAY
      1  .0000E+00      2  .0000E+00      3  .0000E+00      4  .0000E+00      5
.0000E+00      6  .1000E+01      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  .1000E+01     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 = WEDNESDY
      1  .0000E+00      2  .0000E+00      3  .0000E+00      4  .0000E+00      5
.0000E+00      6  .1000E+01      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  .1000E+01     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 = THURSDAY
      1  .0000E+00      2  .0000E+00      3  .0000E+00      4  .0000E+00      5
.0000E+00      6  .1000E+01      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  .1000E+01     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 = FRIDAY
      1  .0000E+00      2  .0000E+00      3  .0000E+00      4  .0000E+00      5
.0000E+00      6  .1000E+01      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  .1000E+01     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

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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		

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(375655.1, 3785666.4, 220.6, 220.6, 1.8);	(
375687.4, 3785637.4, 218.9, 218.9, 1.8);	(
(375695.5, 3785593.9, 219.0, 219.0, 1.8);	(
375695.4, 3785569.1, 218.7, 218.7, 1.8);	(
(375695.3, 3785544.3, 218.4, 218.4, 1.8);	(
375695.1, 3785519.6, 218.0, 218.0, 1.8);	(
(375695.0, 3785494.8, 217.1, 217.1, 1.8);	(
375694.8, 3785470.0, 217.6, 217.6, 1.8);	(
(375694.7, 3785445.2, 217.4, 217.4, 1.8);	(
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(375694.4, 3785395.7, 217.1, 217.1, 1.8);	(
375694.3, 3785370.9, 217.0, 217.0, 1.8);	(
(375694.2, 3785346.1, 216.8, 216.8, 1.8);	(
375694.0, 3785321.3, 216.4, 216.4, 1.8);	(
(375693.9, 3785296.6, 216.3, 216.3, 1.8);	(
375693.8, 3785271.8, 215.9, 215.9, 1.8);	(
(375693.6, 3785247.0, 215.7, 215.7, 1.8);	(
375693.5, 3785222.2, 215.5, 215.5, 1.8);	(
(375693.3, 3785197.5, 215.1, 215.1, 1.8);	(
375693.2, 3785172.7, 214.7, 214.7, 1.8);	(
(375693.1, 3785147.9, 214.2, 214.2, 1.8);	(
375692.9, 3785123.1, 213.9, 213.9, 1.8);	(
(375692.8, 3785098.4, 213.6, 213.6, 1.8);	(
375692.6, 3785073.6, 213.4, 213.4, 1.8);	(
(375692.5, 3785048.8, 213.4, 213.4, 1.8);	(
375692.4, 3785024.0, 213.1, 213.1, 1.8);	(
(375692.2, 3784999.3, 212.9, 212.9, 1.8);	(
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(375692.0, 3784949.7, 212.6, 212.6, 1.8);	(
375691.8, 3784924.9, 212.3, 212.3, 1.8);	(
(375691.7, 3784900.2, 212.1, 212.1, 1.8);	(
375691.5, 3784875.4, 211.9, 211.9, 1.8);	(
(375691.4, 3784850.6, 211.5, 211.5, 1.8);	(
375691.3, 3784825.8, 211.6, 211.6, 1.8);	(
(375691.1, 3784801.1, 211.6, 211.6, 1.8);	(
375691.0, 3784776.3, 211.7, 211.7, 1.8);	(
(375690.9, 3784751.5, 211.8, 211.8, 1.8);	(
375690.7, 3784726.7, 210.1, 210.1, 1.8);	(
(375690.6, 3784702.0, 209.7, 209.7, 1.8);	(
375690.5, 3784677.2, 209.2, 209.2, 1.8);	(

(375690.3, 3784652.4, 209.5, 209.5, 1.8); (

375690.2, 3784627.6, 208.9, 209.6, 1.8);

(375690.0, 3784602.9, 208.4, 209.1, 1.8); (

375689.9, 3784578.1, 208.6, 208.6, 1.8);

(375689.8, 3784553.3, 208.9, 208.9, 1.8); (

375689.6, 3784528.5, 207.8, 207.8, 1.8);

(375689.5, 3784503.8, 207.2, 208.4, 1.8); (

375689.4, 3784479.0, 207.0, 208.1, 1.8);

(375689.2, 3784454.2, 206.3, 208.2, 1.8); (

375706.3, 3784422.9, 205.5, 205.5, 1.8);

(375743.7, 3784432.5, 205.8, 205.8, 1.8); (

375785.9, 3784408.4, 205.4, 205.4, 1.8);

(375790.2, 3784365.4, 204.7, 204.7, 1.8); (

375819.1, 3784359.8, 203.2, 204.5, 1.8);

(375840.8, 3784336.2, 205.1, 205.1, 1.8); (

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(375842.9, 3784291.0, 204.0, 208.4, 1.8); (

375844.0, 3784268.4, 203.0, 208.4, 1.8);

(375820.4, 3784292.2, 203.4, 203.4, 1.8); (

375878.5, 3784289.0, 205.8, 208.4, 1.8);

(375899.1, 3784264.7, 202.6, 208.4, 1.8); (

375919.0, 3784276.1, 203.3, 208.4, 1.8);

(375943.2, 3784276.1, 202.7, 208.4, 1.8); (

375967.4, 3784276.1, 202.2, 206.5, 1.8);

(375991.5, 3784244.2, 202.0, 206.5, 1.8); (

375961.0, 3784253.5, 202.1, 206.2, 1.8);

(376028.1, 3784230.9, 201.9, 201.9, 1.8); (

376053.1, 3784225.2, 201.5, 201.5, 1.8);

(376076.9, 3784219.5, 201.7, 201.7, 1.8); (

376100.6, 3784213.8, 201.3, 201.3, 1.8);

(376124.4, 3784208.0, 200.9, 200.9, 1.8); (

376148.2, 3784202.3, 200.7, 200.7, 1.8);

(376172.0, 3784196.6, 200.2, 200.2, 1.8); (

376195.7, 3784190.8, 200.1, 200.1, 1.8);

(376219.5, 3784185.1, 200.0, 200.0, 1.8); (

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(376267.1, 3784173.6, 199.6, 199.6, 1.8); (

376290.8, 3784167.9, 199.3, 199.3, 1.8);

(376314.6, 3784162.2, 199.2, 199.2, 1.8); (

376338.4, 3784156.4, 198.7, 198.7, 1.8);

(376362.2, 3784150.7, 198.6, 198.6, 1.8); (

376385.9, 3784145.0, 198.4, 198.4, 1.8);

(376409.7, 3784139.2, 198.2, 198.2, 1.8); (

376433.5, 3784133.5, 198.1, 198.1, 1.8);

(376457.3, 3784127.8, 197.9, 197.9, 1.8); (

376481.0, 3784122.0, 197.8, 197.8, 1.8);

(376504.8, 3784116.3, 197.7, 197.7, 1.8); (

376528.6, 3784110.6, 197.8, 197.8, 1.8);

(376552.3, 3784104.8, 197.7, 197.7, 1.8); (

376576.1, 3784099.1, 197.1, 197.1, 1.8);

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(376599.9, 3784093.3, 196.4, 196.4, 1.8);	(
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(376647.5, 3784081.9, 196.4, 196.4, 1.8);	(
376690.9, 3784077.6, 195.9, 195.9, 1.8);	(
(376714.3, 3784075.2, 195.5, 195.5, 1.8);	(
376737.7, 3784072.8, 195.0, 195.0, 1.8);	(
(376757.3, 3784048.3, 194.6, 194.6, 1.8);	(
376779.6, 3784041.2, 194.5, 194.5, 1.8);	(
(376803.7, 3784035.3, 194.3, 194.3, 1.8);	(
376827.8, 3784029.5, 194.2, 194.2, 1.8);	(
(376851.9, 3784023.7, 194.0, 194.0, 1.8);	(
376876.0, 3784017.8, 194.0, 194.0, 1.8);	(
(376900.1, 3784012.0, 194.1, 194.1, 1.8);	(
376924.3, 3784006.1, 195.0, 195.0, 1.8);	(
(376948.4, 3784000.3, 194.1, 194.1, 1.8);	(
376972.5, 3783994.5, 193.3, 502.5, 1.8);	(
(376996.6, 3783988.6, 192.4, 502.5, 1.8);	(
377020.7, 3783982.8, 191.8, 502.5, 1.8);	(
(377044.8, 3783977.0, 191.8, 502.5, 1.8);	(
377069.0, 3783971.1, 191.0, 502.5, 1.8);	(
(377093.1, 3783965.3, 190.6, 502.5, 1.8);	(
377117.2, 3783959.5, 190.7, 502.5, 1.8);	(
(377141.3, 3783953.6, 190.4, 502.5, 1.8);	(
377165.4, 3783947.8, 190.1, 502.5, 1.8);	(
(377189.5, 3783941.9, 190.6, 502.5, 1.8);	(
377213.6, 3783936.1, 190.8, 502.5, 1.8);	(
(377237.8, 3783930.3, 191.0, 502.5, 1.8);	(
377261.9, 3783924.4, 190.9, 502.5, 1.8);	(
(377286.0, 3783918.6, 190.4, 502.5, 1.8);	(
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(377334.2, 3783906.9, 190.2, 502.5, 1.8);	(
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(377382.5, 3783895.2, 190.2, 502.5, 1.8);	(
377406.6, 3783889.4, 190.1, 502.5, 1.8);	(
(377430.7, 3783883.6, 189.9, 502.5, 1.8);	(
377454.8, 3783877.7, 189.3, 502.5, 1.8);	(
(377478.9, 3783871.9, 189.3, 502.5, 1.8);	(
377503.0, 3783866.1, 189.0, 502.5, 1.8);	(
(377527.1, 3783860.2, 189.0, 502.5, 1.8);	(
377551.3, 3783854.4, 188.9, 502.5, 1.8);	(

(377575.4, 3783848.6, 188.4, 502.5, 1.8); (

377599.5, 3783842.7, 188.4, 502.5, 1.8);

(377623.6, 3783836.9, 187.4, 502.5, 1.8); (

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377696.0, 3783819.4, 187.6, 502.5, 1.8);

(377720.1, 3783813.5, 187.0, 502.5, 1.8); (

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(377767.6, 3783800.4, 186.4, 502.5, 1.8); (

377789.4, 3783793.5, 185.9, 502.5, 1.8);

(377811.1, 3783786.7, 186.1, 502.5, 1.8); (

377832.9, 3783779.8, 186.3, 502.5, 1.8);

(377854.7, 3783773.0, 186.5, 502.5, 1.8); (

377876.5, 3783766.1, 186.6, 502.5, 1.8);

(377898.2, 3783759.3, 186.3, 502.5, 1.8); (

377920.0, 3783752.4, 185.9, 502.5, 1.8);

(377936.2, 3783720.7, 185.1, 502.5, 1.8); (

377923.3, 3783681.9, 184.0, 502.5, 1.8);

(377893.6, 3783647.6, 183.8, 502.5, 1.8); (

377865.9, 3783654.6, 184.2, 502.5, 1.8);

(377830.5, 3783669.1, 184.8, 502.5, 1.8); (

377792.9, 3783681.2, 184.8, 502.5, 1.8);

(377769.7, 3783687.0, 185.5, 502.5, 1.8); (

377746.5, 3783692.9, 185.8, 502.5, 1.8);

(377723.4, 3783698.8, 185.9, 502.5, 1.8); (

377700.2, 3783704.6, 185.8, 502.5, 1.8);

(377677.0, 3783710.5, 186.4, 502.5, 1.8); (

377653.9, 3783716.4, 186.6, 502.5, 1.8);

(377630.7, 3783722.2, 186.9, 502.5, 1.8); (

377607.5, 3783728.1, 186.6, 502.5, 1.8);

(377584.4, 3783733.9, 187.2, 502.5, 1.8); (

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(377528.6, 3783739.0, 187.2, 502.5, 1.8); (

377498.9, 3783735.9, 186.8, 502.5, 1.8);

(377470.6, 3783748.5, 187.5, 502.5, 1.8); (

377440.6, 3783769.0, 187.8, 502.5, 1.8);

(377417.1, 3783762.7, 187.7, 502.5, 1.8); (

377372.3, 3783779.8, 188.2, 502.5, 1.8);

(377365.9, 3783802.3, 188.3, 502.5, 1.8); (

377340.1, 3783796.7, 188.4, 502.5, 1.8);

(377335.9, 3783818.9, 188.1, 502.5, 1.8); (

377309.9, 3783797.8, 188.0, 502.5, 1.8);

(377285.4, 3783799.8, 188.4, 502.5, 1.8); (

377260.9, 3783801.7, 188.7, 502.5, 1.8);

(377236.4, 3783803.6, 188.9, 502.5, 1.8); (

377213.8, 3783823.6, 188.8, 502.5, 1.8);

(377182.7, 3783837.8, 189.7, 502.5, 1.8); (

377152.3, 3783835.8, 189.9, 189.9, 1.8);

(377128.7, 3783835.8, 190.1, 190.1, 1.8); (

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*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(377081.3, 3783835.8, 190.6, 190.6, 1.8);	(
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(377036.4, 3783852.0, 191.2, 191.2, 1.8);	(
377014.3, 3783845.6, 191.5, 191.5, 1.8);	(
(376991.5, 3783861.3, 191.7, 191.7, 1.8);	(
376987.5, 3783886.6, 191.7, 191.7, 1.8);	(
(376967.4, 3783874.5, 191.7, 191.7, 1.8);	(
376931.9, 3783877.8, 191.8, 191.8, 1.8);	(
(376912.1, 3783889.9, 192.0, 192.0, 1.8);	(
376887.8, 3783890.6, 192.7, 192.7, 1.8);	(
(376842.4, 3783915.6, 193.5, 193.5, 1.8);	(
376867.4, 3783910.0, 193.2, 193.2, 1.8);	(
(376812.4, 3783917.1, 193.6, 193.6, 1.8);	(
376789.4, 3783917.6, 193.6, 193.6, 1.8);	(
(376750.6, 3783926.5, 194.2, 194.2, 1.8);	(
376713.4, 3783939.7, 194.4, 194.4, 1.8);	(
(376743.3, 3783958.0, 194.5, 194.5, 1.8);	(
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(376667.2, 3783915.9, 194.1, 194.1, 1.8);	(
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(376577.9, 3783944.7, 195.0, 195.0, 1.8);	(
376577.9, 3783967.3, 195.4, 195.4, 1.8);	(
(376601.2, 3783942.3, 195.0, 195.0, 1.8);	(
376552.8, 3783945.5, 195.5, 195.5, 1.8);	(
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(376484.5, 3783965.2, 195.9, 195.9, 1.8);	(
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(376448.0, 3783955.2, 196.5, 196.5, 1.8);	(
376406.1, 3783955.2, 196.4, 196.4, 1.8);	(
(376381.5, 3783976.0, 196.2, 196.2, 1.8);	(
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(376339.2, 3784018.9, 197.2, 197.2, 1.8);	(
376362.9, 3783993.9, 196.8, 196.8, 1.8);	(
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(376197.7, 3784029.4, 198.4, 198.4, 1.8);	(
376159.4, 3784038.7, 199.3, 199.3, 1.8);	(

(376131.9, 3784035.8, 199.9, 199.9, 1.8); (

376110.6, 3784052.0, 199.6, 199.6, 1.8);

(376091.5, 3784076.5, 199.4, 199.4, 1.8); (

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(376059.1, 3784032.6, 199.6, 199.6, 1.8); (

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(375903.8, 3784069.6, 200.4, 200.4, 1.8); (

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(375908.1, 3784114.8, 200.8, 200.8, 1.8); (

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(375881.6, 3784125.5, 201.6, 201.6, 1.8); (

375858.5, 3784132.7, 202.4, 202.4, 1.8);

(375835.4, 3784139.9, 203.1, 203.1, 1.8); (

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(375789.3, 3784154.3, 203.4, 203.4, 1.8); (

375766.2, 3784161.5, 203.3, 203.3, 1.8);

(375743.1, 3784168.7, 203.5, 203.5, 1.8); (

375720.0, 3784175.9, 203.4, 203.4, 1.8);

(375697.0, 3784183.1, 202.1, 205.1, 1.8); (

375673.9, 3784190.3, 204.7, 204.7, 1.8);

(375650.8, 3784197.5, 205.0, 205.0, 1.8); (

375627.8, 3784204.7, 205.2, 205.2, 1.8);

(375610.2, 3784227.3, 205.6, 205.6, 1.8); (

375608.1, 3784270.3, 205.9, 207.8, 1.8);

(375577.1, 3784283.7, 206.1, 208.2, 1.8); (

375553.3, 3784290.9, 206.5, 208.3, 1.8);

(375529.5, 3784298.2, 206.4, 208.8, 1.8); (

375505.7, 3784305.4, 207.4, 208.8, 1.8);

(375481.9, 3784312.7, 208.0, 209.2, 1.8); (

375458.1, 3784319.9, 209.5, 209.7, 1.8);

(375434.3, 3784327.2, 208.8, 209.6, 1.8); (

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(375415.1, 3784372.8, 208.2, 208.2, 1.8); (

375413.5, 3784396.2, 209.3, 209.3, 1.8);

(375411.9, 3784419.5, 209.4, 209.4, 1.8); (

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(375435.2, 3784469.7, 209.0, 209.0, 1.8); (

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(375482.0, 3784469.7, 208.4, 208.4, 1.8); (

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(375478.4, 3784493.6, 208.5, 208.5, 1.8); (

375460.0, 3784533.2, 208.9, 208.9, 1.8);

(375441.6, 3784572.8, 209.4, 209.4, 1.8); (

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(375402.0, 3784568.4, 210.0, 210.0, 1.8); (

375381.2, 3784593.0, 210.5, 210.5, 1.8);

(375381.2, 3784617.8, 211.2, 211.2, 1.8); (

375381.2, 3784642.5, 211.1, 211.1, 1.8);

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(375381.2, 3784667.2, 211.2, 211.2, 1.8);	(
375397.3, 3784688.6, 211.6, 211.6, 1.8);	(
(375422.3, 3784692.2, 211.6, 211.6, 1.8);	(
375395.0, 3784728.1, 211.7, 211.7, 1.8);	(
(375388.6, 3784750.7, 211.9, 211.9, 1.8);	(
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(375436.1, 3784798.9, 213.1, 213.1, 1.8);	(
375423.5, 3784772.4, 212.9, 212.9, 1.8);	(
(375414.9, 3784819.8, 213.1, 213.1, 1.8);	(
375410.6, 3784843.4, 213.2, 213.2, 1.8);	(
(375406.3, 3784867.0, 213.5, 213.5, 1.8);	(
375402.0, 3784890.7, 213.8, 213.8, 1.8);	(
(375397.7, 3784914.4, 214.2, 214.2, 1.8);	(
375393.4, 3784938.0, 214.6, 214.6, 1.8);	(
(375389.1, 3784961.7, 214.4, 214.4, 1.8);	(
375384.8, 3784985.3, 214.5, 214.5, 1.8);	(
(375380.5, 3785009.0, 215.1, 215.1, 1.8);	(
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(375371.9, 3785056.3, 215.2, 215.2, 1.8);	(
375342.5, 3785060.8, 215.6, 215.6, 1.8);	(
(375301.2, 3785057.5, 215.7, 215.7, 1.8);	(
375255.4, 3785083.5, 216.4, 216.4, 1.8);	(
(375255.5, 3785107.4, 216.9, 216.9, 1.8);	(
375255.7, 3785131.2, 217.2, 217.2, 1.8);	(
(375255.8, 3785155.1, 217.4, 217.4, 1.8);	(
375256.0, 3785179.0, 217.9, 217.9, 1.8);	(
(375256.2, 3785202.9, 218.1, 218.1, 1.8);	(
375256.3, 3785226.7, 218.3, 218.3, 1.8);	(
(375256.5, 3785250.6, 218.6, 218.6, 1.8);	(
375256.6, 3785274.5, 218.9, 218.9, 1.8);	(
(375256.8, 3785298.3, 219.1, 219.1, 1.8);	(
375257.0, 3785322.2, 219.4, 219.4, 1.8);	(
(375257.1, 3785346.1, 219.6, 219.6, 1.8);	(
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(375257.5, 3785393.8, 220.2, 220.2, 1.8);	(
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(375257.8, 3785441.6, 220.8, 220.8, 1.8);	(
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(375258.4, 3785537.0, 222.3, 222.3, 1.8); (

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(375167.2, 3785779.7, 225.8, 225.8, 1.8); (

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(375166.5, 3785824.8, 226.2, 226.2, 1.8); (

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(375165.8, 3785870.0, 226.6, 226.6, 1.8); (

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(375165.0, 3785915.2, 226.8, 226.8, 1.8); (

375188.4, 3785940.5, 227.6, 227.6, 1.8);

(375212.6, 3785942.1, 227.2, 227.2, 1.8); (

375208.7, 3785982.3, 227.4, 227.4, 1.8);

(375212.8, 3786021.9, 227.6, 227.6, 1.8); (

375237.0, 3786050.9, 227.0, 227.0, 1.8);

(375261.1, 3786079.9, 227.7, 227.7, 1.8); (

375296.6, 3786083.0, 227.0, 227.0, 1.8);

(375315.0, 3786067.3, 226.8, 226.8, 1.8); (

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(375351.7, 3786036.0, 225.8, 225.8, 1.8); (

375370.1, 3786020.4, 225.7, 225.7, 1.8);

(375388.5, 3786004.8, 225.3, 225.3, 1.8); (

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(375425.3, 3785973.5, 224.9, 224.9, 1.8); (

375443.6, 3785957.8, 224.6, 224.6, 1.8);

(375462.0, 3785942.2, 224.4, 224.4, 1.8); (

375480.4, 3785926.5, 223.9, 223.9, 1.8);

(375498.8, 3785910.9, 223.6, 223.6, 1.8); (

375517.2, 3785895.2, 223.2, 223.2, 1.8);

(375535.6, 3785879.6, 223.1, 223.1, 1.8); (

375554.0, 3785864.0, 222.8, 222.8, 1.8);

(375572.4, 3785848.3, 222.5, 222.5, 1.8); (

375590.7, 3785832.7, 222.1, 222.1, 1.8);

(375609.1, 3785817.0, 221.7, 221.7, 1.8); (

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375664.3, 3785770.1, 221.2, 221.2, 1.8);

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*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(375190.0, 3785915.6,	226.8,	226.8,	1.8);	(
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375283.6, 3785560.7,	221.9,	221.9,	1.8);	(
(375280.4, 3785083.3,	216.6,	216.6,	1.8);	(
375367.5, 3785080.1,	216.0,	216.0,	1.8);	(
(375367.5, 3785060.8,	215.5,	215.5,	1.8);	(
375396.5, 3785060.8,	215.3,	215.3,	1.8);	(
(375448.1, 3784776.9,	213.0,	213.0,	1.8);	(
375412.6, 3784757.5,	212.2,	212.2,	1.8);	(
(375438.4, 3784667.2,	211.0,	211.0,	1.8);	(
375406.2, 3784667.2,	210.7,	210.7,	1.8);	(
(375406.2, 3784593.0,	210.2,	210.2,	1.8);	(
375464.2, 3784583.4,	209.3,	209.3,	1.8);	(
(375528.7, 3784444.7,	209.2,	209.2,	1.8);	(
375435.2, 3784444.7,	208.9,	208.9,	1.8);	(
(375441.6, 3784351.1,	207.9,	210.0,	1.8);	(
375632.0, 3784293.1,	206.6,	207.6,	1.8);	(
(375635.2, 3784228.5,	205.6,	205.6,	1.8);	(
375935.2, 3784135.0,	201.5,	201.5,	1.8);	(
(375928.7, 3784067.3,	200.5,	200.5,	1.8);	(
376061.0, 3784057.6,	199.6,	199.6,	1.8);	(
(376064.2, 3784102.7,	200.2,	200.2,	1.8);	(
376083.5, 3784099.5,	200.1,	200.1,	1.8);	(
(376086.8, 3784086.6,	200.0,	200.0,	1.8);	(
376119.0, 3784083.4,	200.3,	200.3,	1.8);	(
(376115.8, 3784070.5,	200.1,	200.1,	1.8);	(
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(376131.9, 3784060.8,	200.2,	200.2,	1.8);	(
376180.3, 3784060.8,	199.3,	199.3,	1.8);	(
(376180.3, 3784047.9,	199.1,	199.1,	1.8);	(
376219.0, 3784051.1,	198.7,	198.7,	1.8);	(
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376257.7, 3784038.2,	198.3,	198.3,	1.8);	(
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376302.9, 3784022.1,	197.3,	197.3,	1.8);	(
(376364.2, 3784018.9,	197.1,	197.1,	1.8);	(
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(376402.9, 3783999.5,	196.8,	196.8,	1.8);	(
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(376928.7, 3783915.6, 191.8, 191.8, 1.8); (

376931.9, 3783902.8, 191.8, 191.8, 1.8);

(376960.9, 3783902.8, 191.6, 191.6, 1.8); (

376967.4, 3783899.5, 191.7, 191.7, 1.8);

(376999.6, 3783899.5, 191.5, 191.5, 1.8); (

376999.6, 3783886.6, 191.7, 191.7, 1.8);

(377012.5, 3783886.6, 191.8, 191.8, 1.8); (

377012.5, 3783870.5, 191.7, 191.7, 1.8);

(377057.7, 3783873.7, 191.3, 191.3, 1.8); (

377057.7, 3783860.8, 191.3, 191.3, 1.8);

(377199.6, 3783860.8, 189.4, 502.5, 1.8); (

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(377235.1, 3783844.7, 189.4, 502.5, 1.8); (

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(377360.9, 3783818.9, 188.0, 502.5, 1.8); (

377360.9, 3783806.0, 188.2, 502.5, 1.8);

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(377454.5, 3783789.8, 187.8, 502.5, 1.8); (

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(377496.4, 3783760.8, 187.1, 502.5, 1.8); (

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(377567.3, 3783764.0, 187.5, 502.5, 1.8); (

377822.2, 3783699.5, 184.9, 502.5, 1.8);

(377893.1, 3783670.5, 184.0, 502.5, 1.8); (

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(376735.1, 3784047.9, 194.9, 194.9, 1.8); (

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376006.1, 3784228.5, 202.1, 202.1, 1.8);

(375961.0, 3784228.5, 202.0, 202.0, 1.8); (

375967.4, 3784251.1, 202.1, 206.5, 1.8);

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*** AERMOD - VERSION 19191 ***      *** C:\Lakes\AERMOD View\HSR_B-
LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ ***      12/17/19
*** AERMET - VERSION 16216 ***      ***
***      00:28:57

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*** MODELOPTs:      NonDEFAULT  CONC  ELEV  FLGPOL  FASTAREA  URBAN  ADJ_U*

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*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

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      ( 375870.7, 3784251.1,      202.2,      208.4,      1.8);      (
375877.1, 3784264.0,      202.8,      208.4,      1.8);
      ( 375819.0, 3784267.2,      203.2,      204.9,      1.8);      (
375815.8, 3784335.0,      204.0,      204.0,      1.8);
      ( 375767.4, 3784341.4,      204.8,      204.8,      1.8);      (
375761.0, 3784405.9,      205.3,      205.3,      1.8);
      ( 375683.6, 3784412.4,      206.6,      206.6,      1.8);      (
375664.2, 3784454.3,      207.5,      207.5,      1.8);
      ( 375670.7, 3785618.8,      218.9,      218.9,      1.8);      (
375638.4, 3785647.8,      220.8,      220.8,      1.8);
      ( 375648.1, 3785751.0,      221.1,      221.1,      1.8);

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8.23, 10.80, 1.54, 3.09, 5.14,

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF

METEOROLOGICAL DATA ***

Surface file: KBUR_v9.SFC
 Met Version: 16216
 Profile file: KBUR_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 23152
 3190

Upper air station no.:

Name: UNKNOWN

Name:

UNKNOWN

Year: 2012

Year:

2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0
BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT					
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	01	01	1	01	-23.4	0.241	-9.000	-9.000	-999.	285.	64.1	0.16	
3.02	1.00			2.45	359.	7.9	286.4	2.0					
12	01	01	1	02	-11.3	0.143	-9.000	-9.000	-999.	134.	23.1	0.16	
3.02	1.00			1.50	289.	7.9	284.9	2.0					
12	01	01	1	03	-4.8	0.092	-9.000	-9.000	-999.	68.	14.5	0.16	
3.02	1.00			0.99	300.	7.9	283.8	2.0					
12	01	01	1	04	-8.1	0.121	-9.000	-9.000	-999.	100.	19.1	0.16	
3.02	1.00			1.28	295.	7.9	284.2	2.0					
12	01	01	1	05	-2.9	0.074	-9.000	-9.000	-999.	49.	12.3	0.16	
3.02	1.00			0.75	323.	7.9	282.5	2.0					
12	01	01	1	06	-11.3	0.143	-9.000	-9.000	-999.	130.	23.0	0.16	
3.02	1.00			1.50	306.	7.9	283.1	2.0					
12	01	01	1	07	-16.9	0.176	-9.000	-9.000	-999.	178.	34.3	0.16	
3.02	1.00			1.82	315.	7.9	284.9	2.0					
12	01	01	1	08	-8.8	0.134	-9.000	-9.000	-999.	118.	24.3	0.16	
3.02	0.55			1.40	323.	7.9	287.0	2.0					
12	01	01	1	09	36.3	0.171	0.339	0.008	38.	169.	-12.2	0.16	
3.02	0.32			1.31	23.	7.9	288.8	2.0					
12	01	01	1	10	110.9	0.119	0.729	0.009	124.	99.	-1.4	0.16	
3.02	0.24			0.62	163.	7.9	292.0	2.0					
12	01	01	1	11	165.2	0.157	1.185	0.005	358.	149.	-2.1	0.16	
3.02	0.21			0.89	112.	7.9	296.4	2.0					
12	01	01	1	12	192.9	0.184	1.540	0.005	672.	189.	-2.8	0.16	
3.02	0.20			1.11	225.	7.9	299.2	2.0					
12	01	01	1	13	192.1	0.199	1.840	0.005	1152.	213.	-3.6	0.16	
3.02	0.20			1.26	250.	7.9	299.9	2.0					

12	01	01	1	14	164.6	0.270	1.886	0.005	1447.	337.	-10.6	0.16
3.02		0.21			2.03	273.	7.9	300.4	2.0			
12	01	01	1	15	111.1	0.289	1.699	0.005	1566.	373.	-19.3	0.16
3.02		0.25			2.35	270.	7.9	300.4	2.0			
12	01	01	1	16	35.3	0.338	1.167	0.005	1596.	472.	-96.9	0.16
3.02		0.33			3.12	289.	7.9	298.8	2.0			
12	01	01	1	17	-20.8	0.255	-9.000	-9.000	-999.	312.	71.4	0.16
3.02		0.60			2.57	318.	7.9	296.4	2.0			
12	01	01	1	18	-35.0	0.369	-9.000	-9.000	-999.	538.	149.9	0.16
3.02		1.00			3.68	320.	7.9	293.8	2.0			
12	01	01	1	19	-27.7	0.291	-9.000	-9.000	-999.	380.	93.2	0.16
3.02		1.00			2.93	345.	7.9	292.0	2.0			
12	01	01	1	20	-20.7	0.216	-9.000	-9.000	-999.	243.	51.2	0.16
3.02		1.00			2.20	325.	7.9	290.4	2.0			
12	01	01	1	21	-8.5	0.124	-9.000	-9.000	-999.	108.	19.8	0.16
3.02		1.00			1.31	359.	7.9	288.1	2.0			
12	01	01	1	22	-7.4	0.116	-9.000	-9.000	-999.	94.	18.4	0.16
3.02		1.00			1.23	304.	7.9	287.5	2.0			
12	01	01	1	23	-6.3	0.106	-9.000	-9.000	-999.	82.	16.7	0.16
3.02		1.00			1.13	314.	7.9	285.9	2.0			
12	01	01	1	24	-19.7	0.203	-9.000	-9.000	-999.	220.	45.5	0.16
3.02		1.00			2.08	319.	7.9	287.0	2.0			

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	359.	2.45	286.5	99.0	-99.00	-99.00

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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 *** 00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
375655.13	3785666.41	235.25990	(15101907)	
375687.39	3785637.38	224.23824	(15101907)	
375695.53	3785593.89	232.26261	(15081006)	
375695.40	3785569.11	239.19354	(15081006)	
375695.26	3785544.33	245.54591	(15081006)	
375695.12	3785519.56	250.95483	(15081006)	
375694.98	3785494.78	254.16748	(15081006)	
375694.85	3785470.01	262.10063	(15081006)	
375694.71	3785445.23	267.07694	(12070906)	
375694.57	3785420.46	276.95840	(12070906)	
375694.43	3785395.68	284.83605	(12070906)	
375694.30	3785370.90	292.28685	(12070906)	
375694.16	3785346.13	297.91235	(12070906)	
375694.02	3785321.35	301.49306	(12070906)	
375693.89	3785296.58	304.83012	(12070906)	
375693.75	3785271.80	314.35270	(14020407)	
375693.61	3785247.03	330.94639	(16120708)	
375693.47	3785222.25	347.25373	(16120708)	
375693.34	3785197.47	357.83650	(16120708)	
375693.20	3785172.70	363.60679	(16120708)	
375693.06	3785147.92	400.22966	(12100307)	
375692.92	3785123.15	435.74819	(12100307)	
375692.79	3785098.37	463.61071	(12100307)	
375692.65	3785073.60	480.91218	(12100307)	
375692.51	3785048.82	487.03269	(12100307)	
375692.38	3785024.04	474.49179	(12100307)	
375692.24	3784999.27	482.86853	(13102106)	
375692.10	3784974.49	500.68927	(16030406)	
375691.96	3784949.72	548.09329	(12031407)	
375691.83	3784924.94	557.23910	(12031407)	

	375691.69	3784900.16	636.46500	(14020408)
375691.55	3784875.39	688.00173	(14020408)	
	375691.42	3784850.61	673.57554	(15050106)
375691.28	3784825.84	719.55415	(15050106)	
	375691.14	3784801.06	683.24748	(15050106)
375691.00	3784776.29	656.85559	(12100206)	
	375690.87	3784751.51	634.26158	(15120908)
375690.73	3784726.73	614.76288	(16021108)	
	375690.59	3784701.96	669.75057	(12112308)
375690.45	3784677.18	806.91766	(12021008)	
	375690.32	3784652.41	910.03673	(15021008)
375690.18	3784627.63	955.28926	(14021408)	
	375690.04	3784602.86	979.54285	(14021308)
375689.91	3784578.08	933.37733	(13032007)	
	375689.77	3784553.30	845.41108	(14072406)
375689.63	3784528.53	891.12549	(14072406)	
	375689.49	3784503.75	893.36431	(14072406)
375689.36	3784478.98	958.21090	(14072406)	
	375689.22	3784454.20	1050.35528	(16061706)
375706.27	3784422.89	1314.17678	(12062806)	
	375743.71	3784432.48	1007.65024	(12052806)
375785.87	3784408.44	719.34320	(16021108)	
	375790.17	3784365.43	1324.61509	(14040407)
375819.12	3784359.77	1171.39812	(14040407)	
	375840.79	3784336.18	1065.17678	(12112308)
375841.87	3784313.60	947.29253	(15021008)	
	375842.94	3784291.02	976.76234	(16082306)
375844.02	3784268.44	1121.03978	(16121306)	
	375820.43	3784292.21	963.46074	(14021308)
375878.49	3784288.99	991.64856	(12051606)	
	375899.10	3784264.72	1269.67759	(14021906)
375919.04	3784276.12	846.97251	(12051606)	
	375943.24	3784276.12	755.77745	(15031706)
375967.43	3784276.12	737.97154	(15031706)	
	375991.47	3784244.25	1269.19407	(14040407)
375960.98	3784253.54	1157.24582	(14040407)	
	376028.10	3784230.89	1065.94341	(15032707)
376053.09	3784225.25	922.82529	(12112308)	
	376076.87	3784219.52	855.95971	(12112308)
376100.64	3784213.78	783.96708	(12112308)	
	376124.41	3784208.05	725.62075	(12021008)
376148.19	3784202.31	679.65188	(12021008)	
	376171.96	3784196.58	636.05829	(12021008)
376195.74	3784190.84	597.67423	(12021008)	
	376219.51	3784185.11	561.98477	(12021008)
376243.29	3784179.37	529.30648	(12021008)	
	376267.06	3784173.64	499.09638	(12021008)
376290.84	3784167.91	472.87825	(14012308)	
	376314.61	3784162.17	453.38691	(14012308)
376338.38	3784156.44	437.71670	(15021008)	

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 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
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 *** 00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
376362.16	3784150.70	426.30423 (15021008)	
376385.93	3784144.97	415.24736 (15021008)	
376409.71	3784139.23	404.97756 (15021008)	
376433.48	3784133.50	401.79960 (15021008)	
376457.26	3784127.76	393.47110 (15021008)	
376481.03	3784122.03	385.49588 (15021008)	
376504.81	3784116.29	377.88017 (15021008)	
376528.58	3784110.56	370.68553 (15021008)	
376552.35	3784104.82	363.82520 (15021008)	
376576.13	3784099.09	357.28348 (15021008)	
376599.90	3784093.35	351.01145 (15021008)	
376623.68	3784087.62	346.60437 (15021008)	
376647.45	3784081.88	341.16526 (15021008)	
376690.93	3784077.61	318.87586 (15021008)	
376714.32	3784075.19	308.60553 (15021008)	
376737.70	3784072.78	298.90708 (15021008)	
376757.27	3784048.34	332.64684 (15021008)	
376779.57	3784041.17	331.24218 (15021008)	
376803.69	3784035.34	324.40426 (15021008)	
376827.80	3784029.50	317.41275 (15021008)	
376851.92	3784023.66	309.53477 (15021008)	
376876.03	3784017.83	302.63668 (15021008)	
376900.15	3784011.99	295.82020 (15021008)	
376924.26	3784006.15	293.24808 (15021008)	
376948.38	3784000.32	288.81683 (15021008)	
376972.50	3783994.48	283.69626 (15021008)	
376996.61	3783988.64	278.24058 (15021008)	
377020.73	3783982.81	272.87933 (15021008)	
377044.84	3783976.97	268.44282 (15021008)	
377068.96	3783971.13	263.60914 (15021008)	

	377093.07	3783965.29	259.18183	(15021008)
377117.19	3783959.46	255.44311	(15021008)	
	377141.30	3783953.62	251.41834	(15021008)
377165.42	3783947.78	247.67546	(15021008)	
	377189.54	3783941.95	244.78502	(15021008)
377213.65	3783936.11	241.78983	(15021008)	
	377237.77	3783930.27	238.88067	(15021008)
377261.88	3783924.44	235.88457	(15021008)	
	377286.00	3783918.60	232.32820	(15021008)
377310.11	3783912.76	229.24982	(15021008)	
	377334.23	3783906.93	225.51110	(15021008)
377358.34	3783901.09	222.92682	(15021008)	
	377382.46	3783895.25	220.34908	(15021008)
377406.57	3783889.42	217.76210	(15021008)	
	377430.69	3783883.58	215.08971	(15021008)
377454.81	3783877.74	212.04879	(15021008)	
	377478.92	3783871.90	209.75905	(15021008)
377503.04	3783866.07	207.19114	(15021008)	
	377527.15	3783860.23	204.97446	(15021008)
377551.27	3783854.39	204.76721	(15021008)	
	377575.38	3783848.56	202.56502	(15021008)
377599.50	3783842.72	200.64440	(15021008)	
	377623.61	3783836.88	198.37364	(15021008)
377647.73	3783831.05	196.87267	(15021008)	
	377671.84	3783825.21	195.11056	(15021008)
377695.96	3783819.37	193.10967	(15021008)	
	377720.08	3783813.54	191.20020	(15021008)
377744.19	3783807.70	189.56736	(15021008)	
	377767.59	3783800.39	189.07284	(15021008)
377789.36	3783793.54	188.91916	(15021008)	
	377811.14	3783786.69	189.06293	(15021008)
377832.91	3783779.83	189.33315	(15021008)	
	377854.68	3783772.98	189.67107	(15021008)
377876.46	3783766.12	190.09788	(15021008)	
	377898.23	3783759.27	191.72988	(15021008)
377920.01	3783752.42	188.39312	(15021008)	
	377936.22	3783720.67	200.44447	(14021408)
377923.32	3783681.95	220.80265	(14021408)	
	377893.63	3783647.57	192.54931	(14021408)
377865.94	3783654.62	195.05315	(14021308)	
	377830.45	3783669.14	202.26776	(14021408)
377792.88	3783681.17	206.77503	(14021308)	
	377769.71	3783687.03	208.77828	(14021308)
377746.55	3783692.90	210.59379	(14021308)	
	377723.38	3783698.76	212.31205	(14021308)
377700.21	3783704.63	214.02288	(14021308)	
	377677.05	3783710.49	216.07263	(14021308)
377653.88	3783716.36	217.93462	(14021308)	
	377630.71	3783722.22	219.91652	(14021308)
377607.55	3783728.09	222.53120	(14021308)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
377584.38	3783733.95	223.88767	(14021308)	
377561.21	3783739.81	227.80650	(14021308)	
377528.65	3783739.05	223.55309	(14021308)	
377498.88	3783735.94	219.21366	(14021308)	
377470.57	3783748.54	225.10489	(14021308)	
377440.59	3783769.05	237.17526	(14021308)	
377417.13	3783762.74	230.27249	(14021308)	
377372.35	3783779.76	238.52861	(14021308)	
377365.90	3783802.34	257.33581	(14021308)	
377340.07	3783796.67	248.68737	(14021308)	
377335.91	3783818.89	273.24233	(14021308)	
377309.92	3783797.84	246.32121	(14021308)	
377285.40	3783799.77	246.27866	(14021308)	
377260.89	3783801.70	246.37390	(14021308)	
377236.37	3783803.64	247.41068	(14021308)	
377213.83	3783823.65	258.74150	(14021308)	
377182.71	3783837.83	268.18488	(14021308)	
377152.32	3783835.82	264.92468	(14021308)	
377128.67	3783835.82	265.42179	(14021308)	
377105.01	3783835.82	266.60969	(14021308)	
377081.35	3783835.82	268.24105	(14021308)	
377057.70	3783835.82	271.02816	(14021308)	
377036.36	3783851.98	278.82667	(14021308)	
377014.32	3783845.56	278.95882	(14021308)	
376991.52	3783861.35	288.00095	(14021308)	
376987.54	3783886.62	300.96876	(14021308)	
376967.38	3783874.53	296.46342	(14021308)	
376931.90	3783877.75	302.35293	(14021308)	
376912.08	3783889.86	311.15208	(14021308)	
376887.82	3783890.65	315.26941	(14021308)	

	376842.39	3783915.65	338.58719	(14021308)
376867.39	3783910.01	329.83248	(14021308)	
	376812.38	3783917.06	347.44544	(14021308)
376789.38	3783917.59	351.00005	(14021308)	
	376750.62	3783926.46	364.12079	(14021308)
376713.39	3783939.68	383.21585	(14021308)	
	376743.26	3783957.97	408.97419	(14021308)
376711.08	3783913.27	345.95216	(14021308)	
	376667.21	3783915.86	350.40122	(13101107)
376623.34	3783918.44	360.32838	(13101107)	
	376577.88	3783944.69	382.54472	(13101107)
376577.88	3783967.27	410.08461	(14021308)	
	376601.22	3783942.33	375.72276	(13101107)
376552.83	3783945.55	389.61329	(13101107)	
	376528.64	3783947.16	399.12441	(13101107)
376504.45	3783948.78	405.58935	(13101107)	
	376484.48	3783965.18	421.72445	(13101107)
376443.19	3783977.45	442.86977	(13101107)	
	376448.05	3783955.17	435.60986	(13032007)
376406.12	3783955.17	461.69765	(13032007)	
	376381.46	3783976.05	480.26456	(13032007)
376339.18	3783996.30	514.60198	(13032007)	
	376339.18	3784018.88	519.24127	(13101107)
376362.87	3783993.91	493.88526	(13032007)	
	376301.59	3783997.13	546.94015	(13032007)
376281.33	3784013.50	571.23593	(13032007)	
	376255.96	3784013.29	592.78996	(13032007)
376219.03	3784013.23	621.75389	(12013008)	
	376197.69	3784029.39	657.65941	(12013008)
376159.36	3784038.71	712.94549	(12013008)	
	376131.94	3784035.81	792.32212	(14072406)
376110.60	3784051.97	846.13611	(14072406)	
	376091.55	3784076.54	885.70867	(15031606)
376066.48	3784074.12	1039.86941	(14072406)	
	376059.15	3784032.65	1025.98261	(16033007)
376015.06	3784035.87	1073.55766	(16061706)	
	375970.98	3784039.10	1022.33996	(14120808)
375926.90	3784042.33	1029.85457	(16031707)	
	375903.83	3784069.63	1118.04612	(16031707)
375905.98	3784092.21	1207.07601	(14011308)	
	375908.13	3784114.79	1346.06947	(12121008)
375910.28	3784137.37	1558.76494	(16061706)	
	375881.58	3784125.52	1366.52034	(14011308)
375858.50	3784132.72	1397.73503	(16031707)	
	375835.43	3784139.91	1372.38654	(16031707)
375812.35	3784147.11	1266.51028	(16031707)	
	375789.28	3784154.31	1195.83931	(14100307)
375766.20	3784161.50	1236.94977	(14100307)	
	375743.12	3784168.70	1272.79952	(16011508)
375720.05	3784175.89	1416.11928	(12100107)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
375696.97	3784183.09	1288.47152	(12100107)	
375673.90	3784190.28	1045.03555	(12100107)	
375650.82	3784197.48	938.40071	(12100107)	
375627.75	3784204.67	907.40745	(12100107)	
375610.22	3784227.29	912.63142	(12100107)	
375608.07	3784270.30	1094.69825	(12100107)	
375577.09	3784283.66	939.52129	(16030407)	
375553.30	3784290.92	928.76011	(14021108)	
375529.51	3784298.18	897.93939	(14053006)	
375505.72	3784305.44	853.59067	(14053006)	
375481.93	3784312.69	756.73186	(14053006)	
375458.14	3784319.95	717.18182	(12050806)	
375434.35	3784327.21	677.45202	(12050806)	
375416.71	3784349.40	666.20647	(16020808)	
375415.09	3784372.78	657.82684	(14022006)	
375413.48	3784396.17	671.97854	(13091706)	
375411.86	3784419.55	695.18734	(16050306)	
375410.25	3784442.94	725.24398	(16050306)	
375435.19	3784469.66	892.34204	(14073006)	
375458.58	3784469.66	989.49356	(14073006)	
375481.96	3784469.66	1119.58605	(15091106)	
375505.35	3784469.66	1353.59840	(15091106)	
375478.42	3784493.56	1266.41973	(15091106)	
375459.99	3784533.20	1288.30760	(16121306)	
375441.56	3784572.83	1478.45571	(12013006)	
375460.12	3784558.71	1383.43131	(16052606)	
375402.05	3784568.38	1228.14375	(14091506)	
375381.16	3784593.04	1180.74466	(15061806)	
375381.16	3784617.77	1082.27739	(15032607)	
375381.16	3784642.50	937.74845	(13062606)	

	375381.16	3784667.23	1080.29037	(12050806)
375397.32	3784688.57	1377.61934	(14021906)	
	375422.29	3784692.23	2167.98907	(14021906)
375395.03	3784728.10	1850.73652	(13091606)	
	375388.58	3784750.68	1869.14815	(12051606)
375400.65	3784779.50	1862.16349	(12051606)	
	375436.13	3784798.86	1615.86883	(13070806)
375423.50	3784772.44	1789.90336	(15112607)	
	375414.90	3784819.75	1418.24212	(13042606)
375410.60	3784843.40	1312.81984	(13042606)	
	375406.30	3784867.05	1210.44684	(13042606)
375402.00	3784890.71	1157.69184	(13070806)	
	375397.70	3784914.36	1109.63911	(13070806)
375393.40	3784938.02	1060.68765	(13070806)	
	375389.10	3784961.67	1001.78267	(13070806)
375384.80	3784985.33	947.51538	(13070806)	
	375380.49	3785008.98	906.37074	(13070806)
375376.19	3785032.63	856.45837	(13070806)	
	375371.89	3785056.29	807.54639	(13070806)
375342.46	3785060.76	786.34138	(13070806)	
	375301.21	3785057.55	739.05587	(13042606)
375255.36	3785083.51	667.49191	(13012307)	
	375255.52	3785107.38	631.84746	(13012307)
375255.68	3785131.25	630.40160	(13042606)	
	375255.85	3785155.12	630.73169	(13042606)
375256.01	3785178.99	617.75506	(13042606)	
	375256.17	3785202.86	590.54713	(13042606)
375256.33	3785226.73	553.36705	(13042606)	
	375256.49	3785250.60	544.40594	(13070806)
375256.65	3785274.47	558.50673	(13070806)	
	375256.81	3785298.34	565.95220	(13070806)
375256.98	3785322.21	568.05026	(13070806)	
	375257.14	3785346.08	566.10282	(13070806)
375257.30	3785369.95	561.70069	(13070806)	
	375257.46	3785393.82	555.41620	(13070806)
375257.62	3785417.69	548.50876	(13070806)	
	375257.78	3785441.56	541.76424	(13070806)
375257.94	3785465.43	537.10185	(13070806)	
	375258.11	3785489.30	533.63893	(13070806)
375258.27	3785513.17	531.95343	(13070806)	
	375258.43	3785537.04	531.76135	(13070806)
375258.59	3785560.91	533.64582	(13070806)	
	375252.41	3785600.37	525.85841	(13070806)
375245.96	3785643.69	517.49623	(13070806)	
	375239.51	3785687.01	518.53632	(13082806)
375215.85	3785687.35	468.29632	(13070806)	
	375193.27	3785687.35	447.41399	(13070806)
375168.27	3785711.95	437.78494	(13070806)	
	375167.91	3785734.53	430.65612	(13070806)
375167.56	3785757.11	424.70402	(13070806)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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 *** AERMET - VERSION 16216 *** ***
 *** 00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
375167.20	3785779.69	420.37079 (13070806)	
375166.84	3785802.27	416.91092 (13070806)	
375166.48	3785824.85	413.11935 (13070806)	
375166.12	3785847.43	407.91319 (13070806)	
375165.76	3785870.00	400.72478 (13070806)	
375165.40	3785892.58	396.87141 (13021307)	
375165.04	3785915.16	394.80207 (13021307)	
375188.37	3785940.50	440.25239 (13082806)	
375212.57	3785942.12	502.80163 (12062806)	
375208.66	3785982.26	489.83254 (12062806)	
375212.77	3786021.88	476.27537 (12062806)	
375236.96	3786050.91	421.44474 (12062806)	
375261.15	3786079.94	329.74857 (13112007)	
375296.56	3786082.98	303.30787 (12052106)	
375314.95	3786067.34	314.35745 (12052106)	
375333.33	3786051.69	311.44703 (12052106)	
375351.72	3786036.05	298.15025 (12052106)	
375370.11	3786020.40	278.87393 (12052106)	
375388.49	3786004.76	257.46749 (12052106)	
375406.88	3785989.11	236.67796 (12052106)	
375425.27	3785973.47	229.58984 (16091906)	
375443.65	3785957.82	225.38761 (16091906)	
375462.04	3785942.18	220.70211 (16091906)	
375480.43	3785926.54	214.64898 (16091906)	
375498.81	3785910.89	212.33049 (12121408)	
375517.20	3785895.25	213.04522 (12050406)	
375535.59	3785879.60	214.00592 (12050406)	
375553.97	3785863.96	210.63721 (12050406)	
375572.36	3785848.31	220.49444 (12052806)	
375590.74	3785832.67	226.72233 (12052806)	

	375609.13	3785817.02	226.22762	(12052806)
375627.52	3785801.38	220.00435	(12052806)	
	375645.90	3785785.73	211.47767	(13040206)
375664.29	3785770.09	215.78627	(15101907)	
	375672.98	3785748.72	218.77519	(15101907)
375669.11	3785707.43	224.83733	(15101907)	
	375663.30	3785645.50	235.30259	(15101907)
375280.36	3786063.94	322.24476	(13071906)	
	375231.98	3786005.88	473.79227	(12062806)
375238.43	3785918.79	535.71662	(12062806)	
	375190.04	3785915.56	443.11943	(13082806)
375193.27	3785712.35	442.61471	(13070806)	
	375261.01	3785712.35	655.39779	(12062806)
375283.59	3785560.74	655.64259	(12062806)	
	375280.36	3785083.34	689.95899	(13042606)
375367.46	3785080.12	770.90335	(13070806)	
	375367.46	3785060.76	807.84672	(13070806)
375396.49	3785060.76	706.88729	(13070806)	
	375448.10	3784776.91	1828.49482	(13070806)
375412.62	3784757.55	2107.68470	(12051606)	
	375438.42	3784667.23	2219.80664	(12051606)
375406.16	3784667.23	1292.26733	(16020808)	
	375406.16	3784593.04	1416.16170	(15061806)
375464.23	3784583.37	1606.45579	(16052606)	
	375528.74	3784444.66	1584.97627	(15123006)
375435.19	3784444.66	778.64043	(14073006)	
	375441.65	3784351.12	695.88256	(16092006)
375631.96	3784293.06	1332.80234	(12032207)	
	375635.19	3784228.54	991.77858	(12100107)
375935.17	3784135.00	1716.86990	(16061706)	
	375928.72	3784067.26	1112.81668	(14011308)
376060.97	3784057.58	1068.77925	(14072406)	
	376064.20	3784102.74	1019.71786	(13032007)
376083.55	3784099.52	961.00074	(13032007)	
	376086.78	3784086.61	921.23046	(12013008)
376119.03	3784083.39	849.50122	(13032007)	
	376115.81	3784070.49	829.47323	(12013008)
376131.94	3784070.49	803.30736	(13032007)	
	376131.94	3784060.81	786.07547	(12013008)
376180.32	3784060.81	715.58185	(13032007)	
	376180.32	3784047.91	704.06300	(13032007)
376219.03	3784051.13	652.60718	(13032007)	
	376219.03	3784038.23	648.96419	(13032007)
376257.74	3784038.23	598.70620	(13032007)	
	376302.90	3784035.00	555.95941	(13101107)
376302.90	3784022.10	547.31040	(13032007)	
	376364.18	3784018.88	506.64103	(13101107)
376364.18	3783996.30	492.56866	(13032007)	
	376402.89	3783999.52	473.81647	(13101107)
376406.12	3783980.17	461.52386	(13032007)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
376448.05	3783980.17	443.19810	(13101107)	
376448.05	3784002.75	461.95568	(14021308)	
376464.18	3784002.75	464.96068	(14021308)	
376464.18	3783986.62	439.25513	(13101107)	
376506.11	3783989.84	443.18799	(14021308)	
376506.11	3783973.72	417.70056	(13101107)	
376602.88	3783967.27	414.15843	(14021308)	
376602.88	3783944.69	376.63948	(13101107)	
376712.55	3783938.23	381.10237	(14021308)	
376719.01	3783964.04	430.89021	(14021308)	
376760.94	3783954.36	396.66937	(14021308)	
376770.62	3783941.46	377.72148	(14021308)	
376822.23	3783944.69	364.27433	(14021308)	
376828.68	3783935.01	354.13472	(14021308)	
376867.39	3783935.01	349.36197	(14021308)	
376867.39	3783915.65	333.19160	(14021308)	
376928.67	3783915.65	326.91311	(14021308)	
376931.90	3783902.75	315.40522	(14021308)	
376960.93	3783902.75	314.34654	(14021308)	
376967.38	3783899.53	311.50960	(14021308)	
376999.64	3783899.53	314.88896	(14021308)	
376999.64	3783886.62	300.61989	(14021308)	
377012.54	3783886.62	300.81728	(14021308)	
377012.54	3783870.50	289.64122	(14021308)	
377057.70	3783873.72	291.46962	(14021308)	
377057.70	3783860.82	281.88417	(14021308)	
377199.63	3783860.82	305.54706	(14021308)	
377202.85	3783851.14	286.95726	(14021308)	
377235.11	3783844.69	286.28908	(14021308)	
377238.34	3783828.56	265.48208	(14021308)	

	377360.91	3783818.89	283.88678	(14021308)
377360.91	3783805.98	260.31843	(14021308)	
	377389.94	3783809.21	275.30245	(14021308)
377396.39	3783786.63	246.95347	(14021308)	
	377454.46	3783789.85	263.68435	(14021308)
377473.81	3783776.95	249.01269	(14021308)	
	377496.39	3783760.82	235.12366	(14021308)
377528.65	3783764.05	245.75419	(14021308)	
	377567.35	3783764.05	263.05765	(14021408)
377822.18	3783699.54	250.65100	(14021408)	
	377893.15	3783670.50	216.31311	(14021408)
377912.50	3783728.57	213.18220	(15021008)	
	377738.31	3783783.40	229.00860	(15021008)
376725.46	3784028.55	471.16213	(15021008)	
	376735.13	3784047.91	349.85253	(15021008)
376641.59	3784057.58	431.65046	(15021008)	
	375999.68	3784212.42	1473.41294	(12051606)
376006.14	3784228.54	1243.72970	(15032707)	
	375960.98	3784228.54	1831.65925	(15032707)
375967.43	3784251.12	1224.80889	(14040407)	
	375870.66	3784251.12	1714.69894	(14040407)
375877.11	3784264.03	1498.19093	(12051606)	
	375819.05	3784267.25	1022.75792	(14073006)
375815.82	3784334.99	1256.10558	(12112308)	
	375767.44	3784341.44	1849.51987	(12112308)
375760.99	3784405.95	862.66687	(15101907)	
	375683.57	3784412.41	1163.88354	(13070806)
375664.22	3784454.34	1267.41028	(16011108)	
	375670.67	3785618.80	236.06002	(15101907)
375638.41	3785647.83	238.14741	(15101907)	
	375648.09	3785751.05	215.81547	(15101907)

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
375655.13	3785666.41	34.01485	(12032308)	
375687.39	3785637.38	34.79829	(12100508)	
375695.53	3785593.89	38.94527	(12100508)	
375695.40	3785569.11	40.72506	(12100508)	
375695.26	3785544.33	42.56264	(12100508)	
375695.12	3785519.56	44.40619	(12100508)	
375694.98	3785494.78	46.09737	(12100508)	
375694.85	3785470.01	48.18653	(12100508)	
375694.71	3785445.23	50.04335	(12100508)	
375694.57	3785420.46	51.89432	(12100508)	
375694.43	3785395.68	53.59343	(12100508)	
375694.30	3785370.90	55.21988	(12100508)	
375694.16	3785346.13	56.64973	(12100508)	
375694.02	3785321.35	57.87383	(12100508)	
375693.89	3785296.58	58.95501	(12100508)	
375693.75	3785271.80	59.71947	(12100508)	
375693.61	3785247.03	60.29313	(12100508)	
375693.47	3785222.25	60.61040	(12100508)	
375693.34	3785197.47	60.69201	(12100508)	
375693.20	3785172.70	63.01766c	(15020508)	
375693.06	3785147.92	67.38258c	(15020508)	
375692.92	3785123.15	70.49388c	(15020508)	
375692.79	3785098.37	73.23446	(14032508)	
375692.65	3785073.60	77.31083	(14032508)	
375692.51	3785048.82	80.45050	(14032508)	
375692.38	3785024.04	83.07026c	(15042008)	
375692.24	3784999.27	85.49996c	(15042008)	
375692.10	3784974.49	98.06610	(15020208)	
375691.96	3784949.72	115.25337	(15020208)	
375691.83	3784924.94	126.45831	(15020208)	

	375691.69	3784900.16	128.93188	(15020208)
375691.55	3784875.39	120.73320	(14020408)	
	375691.42	3784850.61	119.12997	(14020408)
375691.28	3784825.84	133.57747c	(12103008)	
	375691.14	3784801.06	137.78511c	(12103008)
375691.00	3784776.29	146.87055c	(12112008)	
	375690.87	3784751.51	148.37159c	(13120608)
375690.73	3784726.73	159.03034c	(13120608)	
	375690.59	3784701.96	229.52885	(12021008)
375690.45	3784677.18	269.59096	(12021008)	
	375690.32	3784652.41	273.13125	(12021008)
375690.18	3784627.63	245.31096	(14122908)	
	375690.04	3784602.86	255.16764c	(12112108)
375689.91	3784578.08	238.81151	(12020608)	
	375689.77	3784553.30	227.46747	(14010708)
375689.63	3784528.53	243.27985	(15123108)	
	375689.49	3784503.75	270.98966	(15123108)
375689.36	3784478.98	305.57021	(15123108)	
	375689.22	3784454.20	344.04270	(15123108)
375706.27	3784422.89	321.04119	(15123108)	
	375743.71	3784432.48	240.79713	(15123108)
375785.87	3784408.44	210.86024	(14112008)	
	375790.17	3784365.43	318.33350	(14112608)
375819.12	3784359.77	305.93050	(12021008)	
	375840.79	3784336.18	352.03834	(12021008)
375841.87	3784313.60	286.77152c	(12112108)	
	375842.94	3784291.02	301.89160	(16120808)
375844.02	3784268.44	362.06882	(16120808)	
	375820.43	3784292.21	314.75244c	(12112108)
375878.49	3784288.99	270.82794c	(15112608)	
	375899.10	3784264.72	331.95811	(16120808)
375919.04	3784276.12	250.00864c	(13120608)	
	375943.24	3784276.12	242.42580c	(13120608)
375967.43	3784276.12	232.87737c	(13120608)	
	375991.47	3784244.25	347.26923c	(13120608)
375960.98	3784253.54	329.33756c	(13120608)	
	376028.10	3784230.89	340.15675	(12021008)
376053.09	3784225.25	315.09436	(12021008)	
	376076.87	3784219.52	289.19903	(12021008)
376100.64	3784213.78	262.96962	(12021008)	
	376124.41	3784208.05	239.45894	(12021008)
376148.19	3784202.31	219.80095	(12021008)	
	376171.96	3784196.58	202.36834	(12021008)
376195.74	3784190.84	187.16876	(12021008)	
	376219.51	3784185.11	173.65962	(12021008)
376243.29	3784179.37	161.59943	(12021008)	
	376267.06	3784173.64	150.83377	(12021008)
376290.84	3784167.91	141.31301	(12021008)	
	376314.61	3784162.17	132.68927	(12021008)
376338.38	3784156.44	125.72397	(12021008)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
376362.16	3784150.70	119.58335 (12021008)	
376385.93	3784144.97	114.52255 (12021008)	
376409.71	3784139.23	109.34084 (12021008)	
376433.48	3784133.50	105.10306c (12112108)	
376457.26	3784127.76	102.60013c (12112108)	
376481.03	3784122.03	100.20911c (12112108)	
376504.81	3784116.29	97.90634c (12112108)	
376528.58	3784110.56	95.70994c (12112108)	
376552.35	3784104.82	93.73424c (12112108)	
376576.13	3784099.09	91.14686c (12112108)	
376599.90	3784093.35	88.84997c (12112108)	
376623.68	3784087.62	86.75138c (12112108)	
376647.45	3784081.88	85.40409c (12112108)	
376690.93	3784077.61	78.74199c (12112108)	
376714.32	3784075.19	75.95878c (16011408)	
376737.70	3784072.78	73.28136c (16011408)	
376757.27	3784048.34	81.06796c (16011408)	
376779.57	3784041.17	80.04947 (14012708)	
376803.69	3784035.34	78.68824 (14012708)	
376827.80	3784029.50	77.66114 (14012708)	
376851.92	3784023.66	76.10258 (14012708)	
376876.03	3784017.83	74.70959 (14012708)	
376900.15	3784011.99	73.38226 (14012708)	
376924.26	3784006.15	72.14199 (14012708)	
376948.38	3784000.32	70.98568 (14012708)	
376972.50	3783994.48	69.90513 (14012708)	
376996.61	3783988.64	68.32265 (14012708)	
377020.73	3783982.81	67.03450 (14012708)	
377044.84	3783976.97	66.08150 (14012708)	
377068.96	3783971.13	64.84228 (14012708)	

377093.07	3783965.29	63.78779	(14012708)
377117.19	3783959.46	62.92095	(14012708)
377141.30	3783953.62	61.94708	(14012708)
377165.42	3783947.78	61.02424	(14012708)
377189.54	3783941.95	60.34286	(14012708)
377213.65	3783936.11	59.62497	(14012708)
377237.77	3783930.27	58.93224	(14012708)
377261.88	3783924.44	58.15999	(14012708)
377286.00	3783918.60	57.34095	(14012708)
377310.11	3783912.76	56.59467	(14012708)
377334.23	3783906.93	55.92189	(14012708)
377358.34	3783901.09	55.27068	(14012708)
377382.46	3783895.25	54.70020	(14012708)
377406.57	3783889.42	54.07315	(14012708)
377430.69	3783883.58	53.45233	(14012708)
377454.81	3783877.74	52.81258	(14012708)
377478.92	3783871.90	52.24854	(14012708)
377503.04	3783866.07	51.67401	(14012708)
377527.15	3783860.23	51.13238	(14012708)
377551.27	3783854.39	50.60458	(14012708)
377575.38	3783848.56	49.90425	(14012708)
377599.50	3783842.72	49.39467	(14012708)
377623.61	3783836.88	48.61885	(14012708)
377647.73	3783831.05	48.38968	(14012708)
377671.84	3783825.21	47.91548	(14012708)
377695.96	3783819.37	47.12932	(14012708)
377720.08	3783813.54	46.65172	(14012708)
377744.19	3783807.70	46.20506	(14012708)
377767.59	3783800.39	46.08203	(14012708)
377789.36	3783793.54	46.02138	(14012708)
377811.14	3783786.69	46.12340	(14012708)
377832.91	3783779.83	46.24932	(14012708)
377854.68	3783772.98	46.40153	(14012708)
377876.46	3783766.12	46.54240	(14012708)
377898.23	3783759.27	46.21902	(14012708)
377920.01	3783752.42	45.60241	(14012708)
377936.22	3783720.67	49.75790	(14012708)
377923.32	3783681.95	51.61044	(14012708)
377893.63	3783647.57	46.78899	(14021408)
377865.94	3783654.62	48.62806	(14021408)
377830.45	3783669.14	53.70103	(14021408)
377792.88	3783681.17	55.37244	(14021408)
377769.71	3783687.03	55.90465	(14021408)
377746.55	3783692.90	56.22895	(14021408)
377723.38	3783698.76	56.48555	(14021408)
377700.21	3783704.63	56.72750	(14021408)
377677.05	3783710.49	57.12169	(14021408)
377653.88	3783716.36	57.44131	(14021408)
377630.71	3783722.22	57.79041	(14021408)
377607.55	3783728.09	58.17117	(14021408)

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
377584.38	3783733.95	58.67804	(14021408)	
377561.21	3783739.81	58.91254	(14021408)	
377528.65	3783739.05	56.99830	(14021408)	
377498.88	3783735.94	54.63325	(14021408)	
377470.57	3783748.54	56.48997	(14021408)	
377440.59	3783769.05	60.73084	(14021408)	
377417.13	3783762.74	57.54015	(14021408)	
377372.35	3783779.76	59.97170	(14021408)	
377365.90	3783802.34	67.18416	(14021408)	
377340.07	3783796.67	63.30161	(14021408)	
377335.91	3783818.89	72.39649	(14021408)	
377309.92	3783797.84	61.73547	(14021408)	
377285.40	3783799.77	61.09166	(14021408)	
377260.89	3783801.70	60.47519	(14021408)	
377236.37	3783803.64	60.03040	(14021408)	
377213.83	3783823.65	64.47843	(14021408)	
377182.71	3783837.83	67.59491	(14021408)	
377152.32	3783835.82	65.28662	(14021408)	
377128.67	3783835.82	64.39020	(14021408)	
377105.01	3783835.82	64.28980	(12020608)	
377081.35	3783835.82	64.45371	(12020608)	
377057.70	3783835.82	64.79645	(12020608)	
377036.36	3783851.98	67.05161	(12020608)	
377014.32	3783845.56	67.26679	(12020608)	
376991.52	3783861.35	69.15936	(12020608)	
376987.54	3783886.62	74.54424	(14021408)	
376967.38	3783874.53	71.35270	(12020608)	
376931.90	3783877.75	72.94970	(12020608)	
376912.08	3783889.86	75.18618	(12020608)	
376887.82	3783890.65	76.33494	(12020608)	

	376842.39	3783915.65	82.18431	(12020608)
376867.39	3783910.01	80.04481	(12020608)	
	376812.38	3783917.06	84.34423	(12020608)
376789.38	3783917.59	86.24158	(12020608)	
	376750.62	3783926.46	91.96212	(12020608)
376713.39	3783939.68	97.98764	(12020608)	
	376743.26	3783957.97	102.51318	(12020608)
376711.08	3783913.27	89.33896	(12020608)	
	376667.21	3783915.86	89.99106	(12020608)
376623.34	3783918.44	90.83244	(12020608)	
	376577.88	3783944.69	99.50566	(12020608)
376577.88	3783967.27	108.15209	(12020608)	
	376601.22	3783942.33	98.51263	(12020608)
376552.83	3783945.55	100.11361	(12020608)	
	376528.64	3783947.16	101.06952	(12020608)
376504.45	3783948.78	102.23164	(12020608)	
	376484.48	3783965.18	108.31108	(12020608)
376443.19	3783977.45	114.57490	(12020608)	
	376448.05	3783955.17	103.09080	(12020608)
376406.12	3783955.17	103.64453	(13011808)	
	376381.46	3783976.05	110.66676	(12020608)
376339.18	3783996.30	121.21852	(12020608)	
	376339.18	3784018.88	137.27580	(12020608)
376362.87	3783993.91	121.20483	(12020608)	
	376301.59	3783997.13	124.37889	(16012108)
376281.33	3784013.50	129.06104	(12020608)	
	376255.96	3784013.29	139.67619	(16012108)
376219.03	3784013.23	159.86424	(16012108)	
	376197.69	3784029.39	166.56649	(16012108)
376159.36	3784038.71	189.12951	(16012108)	
	376131.94	3784035.81	204.56577	(16012108)
376110.60	3784051.97	219.84552	(16012108)	
	376091.55	3784076.54	235.59894	(16012108)
376066.48	3784074.12	268.92840	(13122608)	
	376059.15	3784032.65	306.29110	(15123108)
376015.06	3784035.87	318.58404	(15123108)	
	375970.98	3784039.10	281.14237	(13021108)
375926.90	3784042.33	247.08229	(14011308)	
	375903.83	3784069.63	265.48348	(14011308)
375905.98	3784092.21	315.28747	(13021108)	
	375908.13	3784114.79	385.04651	(15123108)
375910.28	3784137.37	486.02908	(15123108)	
	375881.58	3784125.52	366.18750	(13021108)
375858.50	3784132.72	333.22058	(13021108)	
	375835.43	3784139.91	337.09095c	(12120508)
375812.35	3784147.11	331.36441c	(12120508)	
	375789.28	3784154.31	323.65081c	(12120508)
375766.20	3784161.50	335.61947c	(12120508)	
	375743.12	3784168.70	339.31332c	(12120508)
375720.05	3784175.89	344.59373	(16122808)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
375696.97	3784183.09	363.93152c (14011008)	
375673.90	3784190.28	331.25881c (14011008)	
375650.82	3784197.48	275.01535c (14011008)	
375627.75	3784204.67	236.08853c (14011008)	
375610.22	3784227.29	217.22374c (14011008)	
375608.07	3784270.30	226.71225 (16122808)	
375577.09	3784283.66	218.24585 (13011708)	
375553.30	3784290.92	220.63077c (14011008)	
375529.51	3784298.18	217.05156c (14011008)	
375505.72	3784305.44	195.14596c (14011008)	
375481.93	3784312.69	165.87700 (16122908)	
375458.14	3784319.95	147.71972 (16122908)	
375434.35	3784327.21	132.52018 (16122908)	
375416.71	3784349.40	139.07813 (13022608)	
375415.09	3784372.78	152.97330 (13022608)	
375413.48	3784396.17	160.20220 (13022608)	
375411.86	3784419.55	158.79003 (13022608)	
375410.25	3784442.94	163.02363 (16122908)	
375435.19	3784469.66	204.36680 (12020208)	
375458.58	3784469.66	236.23247 (16120808)	
375481.96	3784469.66	314.78743 (16120808)	
375505.35	3784469.66	427.46983 (16120808)	
375478.42	3784493.56	399.07093 (16120808)	
375459.99	3784533.20	395.39769 (16120808)	
375441.56	3784572.83	403.15207 (13122508)	
375460.12	3784558.71	349.98372c (14011008)	
375402.05	3784568.38	300.69624 (16120808)	
375381.16	3784593.04	271.15990 (16120808)	
375381.16	3784617.77	242.77455 (16120808)	
375381.16	3784642.50	242.53071 (16020808)	

	375381.16	3784667.23	308.71611	(16020808)
375397.32	3784688.57	409.33057	(15021908)	
	375422.29	3784692.23	646.31479	(16120808)
375395.03	3784728.10	555.10205	(16120808)	
	375388.58	3784750.68	455.16528	(16120808)
375400.65	3784779.50	473.46323c	(15112608)	
	375436.13	3784798.86	366.67092c	(15112608)
375423.50	3784772.44	507.35649c	(15112608)	
	375414.90	3784819.75	362.90616c	(15112608)
375410.60	3784843.40	299.32816c	(15112608)	
	375406.30	3784867.05	245.13424c	(15112608)
375402.00	3784890.71	199.77175c	(15112608)	
	375397.70	3784914.36	185.80685	(13112008)
375393.40	3784938.02	177.64758	(13112008)	
	375389.10	3784961.67	168.88855	(13112008)
375384.80	3784985.33	160.68202	(13112008)	
	375380.49	3785008.98	153.87741	(13112008)
375376.19	3785032.63	146.46502	(13112008)	
	375371.89	3785056.29	139.29611	(13112008)
375342.46	3785060.76	118.86681	(13112008)	
	375301.21	3785057.55	141.15567c	(15112608)
375255.36	3785083.51	172.24479c	(15112608)	
	375255.52	3785107.38	148.64256c	(15112608)
375255.68	3785131.25	125.59831c	(15112608)	
	375255.85	3785155.12	107.08840c	(13042608)
375256.01	3785178.99	105.01766c	(13042608)	
	375256.17	3785202.86	100.59462c	(13042608)
375256.33	3785226.73	94.57137c	(13042608)	
	375256.49	3785250.60	87.85225c	(13042608)
375256.65	3785274.47	81.14543c	(13042608)	
	375256.81	3785298.34	81.34897c	(12110708)
375256.98	3785322.21	84.98589c	(12110708)	
	375257.14	3785346.08	88.92750c	(12110708)
375257.30	3785369.95	93.31092c	(12110708)	
	375257.46	3785393.82	97.53676c	(12110708)
375257.62	3785417.69	101.33256c	(12110708)	
	375257.78	3785441.56	104.48746c	(12110708)
375257.94	3785465.43	106.33637c	(12110708)	
	375258.11	3785489.30	108.84308c	(12110708)
375258.27	3785513.17	111.61274c	(12110708)	
	375258.43	3785537.04	113.00580c	(12110708)
375258.59	3785560.91	115.08933c	(12110708)	
	375252.41	3785600.37	114.42675c	(12110708)
375245.96	3785643.69	113.47593c	(12110708)	
	375239.51	3785687.01	112.70568c	(12110708)
375215.85	3785687.35	100.13728c	(12110708)	
	375193.27	3785687.35	90.58545c	(12110708)
375168.27	3785711.95	82.83665c	(12110708)	
	375167.91	3785734.53	85.49296c	(12110708)
375167.56	3785757.11	86.13986c	(12110708)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
375167.20	3785779.69	83.57492c (12110708)	
375166.84	3785802.27	79.21398c (12110708)	
375166.48	3785824.85	75.40496c (12110708)	
375166.12	3785847.43	73.18266c (12110708)	
375165.76	3785870.00	72.18688c (12110708)	
375165.40	3785892.58	71.66864c (12110708)	
375165.04	3785915.16	71.13803c (12110708)	
375188.37	3785940.50	72.27244 (13112008)	
375212.57	3785942.12	75.94393 (13112008)	
375208.66	3785982.26	71.43440 (13112008)	
375212.77	3786021.88	66.98537 (13112008)	
375236.96	3786050.91	66.69518 (14022608)	
375261.15	3786079.94	66.04705 (14022608)	
375296.56	3786082.98	61.38373 (14022608)	
375314.95	3786067.34	58.61596 (14022608)	
375333.33	3786051.69	55.30968 (14022608)	
375351.72	3786036.05	54.12102 (15031908)	
375370.11	3786020.40	55.23666 (15031908)	
375388.49	3786004.76	55.06877 (15031908)	
375406.88	3785989.11	54.14729 (15031908)	
375425.27	3785973.47	52.91959 (15031908)	
375443.65	3785957.82	51.45681 (15031908)	
375462.04	3785942.18	49.58845 (15031908)	
375480.43	3785926.54	48.46397 (12032308)	
375498.81	3785910.89	47.29206 (12032308)	
375517.20	3785895.25	45.90866 (12032308)	
375535.59	3785879.60	44.26898 (12032308)	
375553.97	3785863.96	42.52882 (12032308)	
375572.36	3785848.31	40.66966 (12032308)	
375590.74	3785832.67	38.77776 (12032308)	

	375609.13	3785817.02	36.81525	(12032308)
375627.52	3785801.38	34.75379	(12032308)	
	375645.90	3785785.73	32.84370	(12032308)
375664.29	3785770.09	31.61006	(13040208)	
	375672.98	3785748.72	31.15811	(13040208)
375669.11	3785707.43	32.01490	(13040208)	
	375663.30	3785645.50	33.70014	(12032308)
375280.36	3786063.94	65.96766	(14022608)	
	375231.98	3786005.88	66.64273	(14022608)
375238.43	3785918.79	78.54359	(13112008)	
	375190.04	3785915.56	73.97694	(13112008)
375193.27	3785712.35	92.92501c	(12110708)	
	375261.01	3785712.35	122.99960c	(12110708)
375283.59	3785560.74	141.95231c	(12110708)	
	375280.36	3785083.34	141.64794c	(15112608)
375367.46	3785080.12	133.40969	(13112008)	
	375367.46	3785060.76	136.61880	(13112008)
375396.49	3785060.76	142.86026	(13112008)	
	375448.10	3784776.91	415.83664c	(15112608)
375412.62	3784757.55	525.33048	(16121208)	
	375438.42	3784667.23	575.29653	(16120808)
375406.16	3784667.23	366.53470	(16020808)	
	375406.16	3784593.04	288.05269	(15012008)
375464.23	3784583.37	455.11576c	(14011008)	
	375528.74	3784444.66	468.27436c	(14011008)
375435.19	3784444.66	176.92366	(16122908)	
	375441.65	3784351.12	147.93847	(13022608)
375631.96	3784293.06	298.05741	(12120608)	
	375635.19	3784228.54	258.47549c	(14011008)
375935.17	3784135.00	549.57932	(15123108)	
	375928.72	3784067.26	291.83384	(13021108)
376060.97	3784057.58	296.96227	(15123108)	
	376064.20	3784102.74	256.96564	(16012108)
376083.55	3784099.52	228.39897	(16012108)	
	376086.78	3784086.61	236.43395	(16012108)
376119.03	3784083.39	198.99658	(16012108)	
	376115.81	3784070.49	212.91834	(16012108)
376131.94	3784070.49	196.36313	(16012108)	
	376131.94	3784060.81	202.56952	(16012108)
376180.32	3784060.81	167.19063	(12020608)	
	376180.32	3784047.91	169.52996	(16012108)
376219.03	3784051.13	159.89314	(12020608)	
	376219.03	3784038.23	148.85723	(16012108)
376257.74	3784038.23	149.75548	(12020608)	
	376302.90	3784035.00	148.54406	(12020608)
376302.90	3784022.10	138.39481	(12020608)	
	376364.18	3784018.88	137.33452	(12020608)
376364.18	3783996.30	122.85701	(12020608)	
	376402.89	3783999.52	125.81307	(12020608)
376406.12	3783980.17	114.84976	(12020608)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
376448.05	3783980.17	115.29585	(12020608)	
376448.05	3784002.75	125.67322	(12020608)	
376464.18	3784002.75	125.81545	(12020608)	
376464.18	3783986.62	117.78255	(12020608)	
376506.11	3783989.84	118.75264	(12020608)	
376506.11	3783973.72	111.41192	(12020608)	
376602.88	3783967.27	108.66626	(12020608)	
376602.88	3783944.69	99.28205	(12020608)	
376712.55	3783938.23	97.42790	(12020608)	
376719.01	3783964.04	109.48146	(12020608)	
376760.94	3783954.36	98.83075	(12020608)	
376770.62	3783941.46	93.94920	(12020608)	
376822.23	3783944.69	92.59896	(14021408)	
376828.68	3783935.01	87.88938	(14021408)	
376867.39	3783935.01	89.47920	(14021408)	
376867.39	3783915.65	81.03291	(12020608)	
376928.67	3783915.65	83.26752	(14021408)	
376931.90	3783902.75	78.04961	(14021408)	
376960.93	3783902.75	79.37667	(14021408)	
376967.38	3783899.53	78.42479	(14021408)	
376999.64	3783899.53	80.85325	(14021408)	
376999.64	3783886.62	75.14389	(14021408)	
377012.54	3783886.62	75.91183	(14021408)	
377012.54	3783870.50	70.29865	(14021408)	
377057.70	3783873.72	73.45461	(14021408)	
377057.70	3783860.82	68.99661	(14021408)	
377199.63	3783860.82	81.13769	(14021408)	
377202.85	3783851.14	75.09550	(14021408)	
377235.11	3783844.69	75.18267	(14021408)	
377238.34	3783828.56	67.73094	(14021408)	

	377360.91	3783818.89	76.35018	(14021408)
377360.91	3783805.98	68.33620	(14021408)	
	377389.94	3783809.21	74.04889	(14021408)
377396.39	3783786.63	63.66149	(14021408)	
	377454.46	3783789.85	70.91480	(14021408)
377473.81	3783776.95	66.09121	(14021408)	
	377496.39	3783760.82	61.42952	(14021408)
377528.65	3783764.05	65.71328	(14021408)	
	377567.35	3783764.05	71.33749	(14021408)
377822.18	3783699.54	67.87362	(14021408)	
	377893.15	3783670.50	51.38561	(14021408)
377912.50	3783728.57	52.80699	(14012708)	
	377738.31	3783783.40	56.76810	(14012708)
376725.46	3784028.55	117.56433c	(16011408)	
	376735.13	3784047.91	86.84708c	(16011408)
376641.59	3784057.58	108.74975c	(12112108)	
	375999.68	3784212.42	475.52857	(12021008)
376006.14	3784228.54	404.80363	(12021008)	
	375960.98	3784228.54	598.13972	(12021008)
375967.43	3784251.12	352.24614c	(13120608)	
	375870.66	3784251.12	505.93449	(12021008)
375877.11	3784264.03	423.65035	(16120808)	
	375819.05	3784267.25	335.48973c	(12112108)
375815.82	3784334.99	415.66224	(12021008)	
	375767.44	3784341.44	616.24985	(12021008)
375760.99	3784405.95	234.22996	(15123108)	
	375683.57	3784412.41	337.87349	(15123108)
375664.22	3784454.34	414.51869	(15123108)	
	375670.67	3785618.80	33.46133	(12100508)
375638.41	3785647.83	36.42631	(12032308)	
	375648.09	3785751.05	33.26971	(12032308)

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 *** 00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF

HIGHEST 1-HR RESULTS ***

MICROGRAMS/M**3

** CONC OF CO IN
 **

DATE

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

ALL HIGH 1ST HIGH VALUE IS 2219.80664 ON 12051606: AT (
 375438.42, 3784667.23, 210.95, 210.95, 1.80) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF

HIGHEST 8-HR RESULTS ***

MICROGRAMS/M**3

** CONC OF CO IN
 **

DATE

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

ALL HIGH 1ST HIGH VALUE IS 646.31479 ON 16120808: AT (
 375422.29, 3784692.23, 211.59, 211.59, 1.80) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
*** AERMET - VERSION 16216 *** ***
*** 00:28:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA 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 713 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 519 Calm Hours Identified

A Total of 194 Missing Hours Identified (0.44 Percent)

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

***** WARNING MESSAGES *****
ME W186 237 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 237 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** AERMOD Finishes Successfully ***

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 12/17/2019
** File: C:\Lakes\AERMOD View\HSR_B-LA_NO2_BAS_Tunnel_Cut_Cover\HSR_B-
LA_NO2_BAS_Tunnel_Cut_Cover.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\HSR_B-LA_BAS_Cut_Cover_Tunnel\HSR_B-
LA_BAS_Cut_
  MODELOPT CONC FASTAREA ARM2
  AVERTIME 1 PERIOD
  URBANOPT 104834 City_of_Burbank_(2017)
  POLLUTID NO2
  FLAGPOLE 1.80
  RUNORNOT RUN
** NO2 Conversion Options
  ARMRATIO 0.500 0.900
  ERRORFIL HSR_B-LA_NO2_BAS_Tunnel_Cut_Cover.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION OPIT1 OPENPIT 375377.364 3785079.629 215.950
** DESCRSRC Open Pit Area 1 Burbank Airport Station
LOCATION OPIT2 OPENPIT 375472.450 3784583.880 209.290
** DESCRSRC Open Pit Area 2 South of Runway
LOCATION OPIT3 OPENPIT 375606.746 3784345.824 207.240
** DESCRSRC Open Pit Area 3 at Hollywood Blvd and Empire Ave
LOCATION OPIT4 OPENPIT 375749.768 3784228.874 204.790
** DESCRSRC Open Pit Area 4 at Vanowen Street and Empire Ave
LOCATION OPIT5 OPENPIT 376058.707 3784139.025 200.390
** DESCRSRC Open Pit Area 5 at Vanowen Street
LOCATION PAREA1 AREAPOLY 376062.540 3784143.009 200.380
** DESCRSRC At Grade Track Construction Area 6
LOCATION PAREA2 AREAPOLY 376692.773 3784005.966 196.710
** DESCRSRC At Grade Track Construction Area 7

```

SRCPARAM	OPIT1	4.6883E-06	3.000	92.000	820.000
2626434.499	-9.500				
SRCPARAM	OPIT2	0.0000482949	3.000	92.000	168.120
404553.047	-14.500				
SRCPARAM	OPIT3	0.0000193457	3.000	92.000	270.460
786367.232	-30.000				
SRCPARAM	OPIT4	0.000029068	3.000	92.000	180.000
615635.089	-50.000				
SRCPARAM	OPIT5	0.0000300854	3.000	50.000	320.000
454273.920	-74.000				
SRCPARAM	PAREA1	8.6704E-06	3.000	4	
AREAVERT	PAREA1	376062.540	3784143.009	376692.061	3783986.830
AREAVERT	PAREA1	376698.068	3784032.482	376073.352	3784187.460
SRCPARAM	PAREA2	7.1894E-06	3.000	4	
AREAVERT	PAREA2	376692.773	3784005.966	377843.584	3783707.170
AREAVERT	PAREA2	377850.980	3783738.233	376695.732	3784034.071
URBANSRC	ALL				

```
** Variable Emission Scenario: "Scenario 2"
```

[illegible]

[illegible]

[illegible]

```

    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
    INCLUDED HSR_B-LA_NO2_BAS_Tunnel_Cut_Cover.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
    SURFFILE KBUR_v9.SFC
    PROFFILE KBUR_v9.PFL
    SURFDATA 23152 2012
    UAIRDATA 3190 2012
    PROFBASE 236.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
    RECTABLE ALLAVE 1ST 8TH
    RECTABLE 1 1ST 8TH
** Auto-Generated Plotfiles
    PLOTFILE 1 ALL 1ST HSR_B-LA_NO2_BAS_TUNNEL_CUT_COVER.AD\01H1GALL.PLT
31
    PLOTFILE 1 ALL 8TH HSR_B-LA_NO2_BAS_TUNNEL_CUT_COVER.AD\01H8GALL.PLT
32
    PLOTFILE PERIOD ALL HSR_B-LA_NO2_BAS_TUNNEL_CUT_COVER.AD\PE00GALL.PLT
33
    MXDYBYR ALL HSR_B-LA_NO2_BAS_TUNNEL_CUT_COVER.AD\MXDYBYR_ALL_NO2.DAT
34
    MAXDAILY ALL HSR_B-LA_NO2_BAS_TUNNEL_CUT_COVER.AD\MAXDAILY_ALL_NO2.DAT
35
    SUMMFILE HSR_B-LA_NO2_BAS_Tunnel_Cut_Cover.sum
OU FINISHED

```

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

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

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

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

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

CO W361	29	COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2
require MULTIYEAR Opt		
ME W186	239	MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used	0.50	
ME W187	239	MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET		

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
*** AERMET - VERSION 16216 *** ***
*** 00:46:09

PAGE 1

*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

*** MODEL SETUP OPTIONS
SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 7 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 104834.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Ambient Ratio Method Ver 2 (ARM2) Used for NO2 Conversion
with a Minimum NO2/NOx Ratio of 0.500
and a Maximum NO2/NOx Ratio of 0.900
7. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:

FASTAREA - Use hybrid approach to optimize AREA sources;
also applies to LINE sources (formerly TOXICS option)
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 Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: NO2

**Note that special processing requirements apply for the 1-hour NO2
NAAQS - check available guidance.

Model will process user-specified ranks of daily maximum 1-hour values
averaged across the number of years modeled.

For annual NO2 NAAQS modeling, the multi-year maximum of PERIOD values
can be simulated using the MULTYEAR keyword.

Multi-year PERIOD and 1-hour values should only be done in a single model run using the MULTYEAR option with a single multi-year meteorological data file using STARTEND keyword.

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

**This Run Includes: 7 Source(s); 1 Source Group(s); and
461 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 2 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 5 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with 0 line(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)
Model Outputs External File(s) of Maximum Daily 1-hr Values by
Day (MAXDAILY Keyword)
Model Outputs External File(s) of Maximum Daily 1-hr Values by
Year (MXDYBYR 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) = 236.00 ;
Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: HSR_B-LA_NO2_BAS_Tunnel_Cut_Cover.err
**File for Summary of Results: HSR_B-LA_NO2_BAS_Tunnel_Cut_Cover.sum

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
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 *** 00:46:09

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** AREAPOLY SOURCE DATA

NUMBER	INIT.	NUMBER	EMISSION RATE	LOCATION OF AREA		BASE	RELEASE
SOURCE	PART.	URBAN	EMISSION RATE	X	Y	ELEV.	HEIGHT
OF VERTS.	SZ	SOURCE	SCALAR VARY				
ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	BY						

PAREA1		0	0.86704E-05	376062.5	3784143.0	200.4	3.00
4	0.00	YES	HRDOW7				
PAREA2		0	0.71894E-05	376692.8	3784006.0	196.7	3.00
4	0.00	YES	HRDOW7				

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:46:09

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** OPENPIT SOURCE DATA

X-DIM	Y-DIM	NUMBER	EMISSION	RATE	COORD (SW CORNER)	BASE	RELEASE
SOURCE	PART.	ORIENT.	VOLUME	URBAN	EMISSION	RATE	HEIGHT
OF PIT	OF PIT	OF PIT	OF PIT	SOURCE	SCALAR	VARY	
ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	(METERS)	(DEG.)	(M**3)		BY		
OPIT1		0	0.46883E-05	375377.4	3785079.6	216.0	3.00
92.00	820.00	-9.50	.26264E+07	YES	HRDOW7		
OPIT2		0	0.48295E-04	375472.5	3784583.9	209.3	3.00
92.00	168.12	-14.50	.40455E+06	YES	HRDOW7		
OPIT3		0	0.19346E-04	375606.7	3784345.8	207.2	3.00
92.00	270.46	-30.00	.78637E+06	YES	HRDOW7		
OPIT4		0	0.29068E-04	375749.8	3784228.9	204.8	3.00
92.00	180.00	-50.00	.61564E+06	YES	HRDOW7		
OPIT5		0	0.30085E-04	376058.7	3784139.0	200.4	3.00
50.00	320.00	-74.00	.45427E+06	YES	HRDOW7		

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
*** AERMET - VERSION 16216 *** ***
*** 00:46:09

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL	OPIT1	,	OPIT2	,	OPIT3	,	OPIT4	,
OPIT5	, PAREA1	,	PAREA2	,				

```

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
*** AERMET - VERSION 16216 *** ***
*** 00:46:09

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

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*** SOURCE IDs DEFINED AS URBAN

SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs			
-----	-----	-----			
	104834.	OPIT1	, OPIT2	, OPIT3	, OPIT4
, OPIT5	, PAREA1	, PAREA2	,		

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:46:09

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = OPIT1 ; SOURCE TYPE = OPENPIT :

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:46:09

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = OPIT2 ; SOURCE TYPE = OPENPIT :

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:46:09

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = OPIT3 ; SOURCE TYPE = OPENPIT :

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = OPIT4 ; SOURCE TYPE = OPENPIT :

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:46:09

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = OPIT5 ; SOURCE TYPE = OPENPIT :

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:46:09

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = MONDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
.0000E+00	6	.1000E+01	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	.1000E+01	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 = TUESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
.0000E+00	6	.1000E+01	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	.1000E+01	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 = WEDNESDY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
.0000E+00	6	.1000E+01	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	.1000E+01	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 = THURSDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
.0000E+00	6	.1000E+01	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	.1000E+01	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 = FRIDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
.0000E+00	6	.1000E+01	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	.1000E+01	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			

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 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

(375655.1, 3785666.4, 220.6, 220.6, 1.8);	(
375687.4, 3785637.4, 218.9, 218.9, 1.8);	(
(375695.5, 3785593.9, 219.0, 219.0, 1.8);	(
375695.4, 3785569.1, 218.7, 218.7, 1.8);	(
(375695.3, 3785544.3, 218.4, 218.4, 1.8);	(
375695.1, 3785519.6, 218.0, 218.0, 1.8);	(
(375695.0, 3785494.8, 217.1, 217.1, 1.8);	(
375694.8, 3785470.0, 217.6, 217.6, 1.8);	(
(375694.7, 3785445.2, 217.4, 217.4, 1.8);	(
375694.6, 3785420.5, 217.4, 217.4, 1.8);	(
(375694.4, 3785395.7, 217.1, 217.1, 1.8);	(
375694.3, 3785370.9, 217.0, 217.0, 1.8);	(
(375694.2, 3785346.1, 216.8, 216.8, 1.8);	(
375694.0, 3785321.3, 216.4, 216.4, 1.8);	(
(375693.9, 3785296.6, 216.3, 216.3, 1.8);	(
375693.8, 3785271.8, 215.9, 215.9, 1.8);	(
(375693.6, 3785247.0, 215.7, 215.7, 1.8);	(
375693.5, 3785222.2, 215.5, 215.5, 1.8);	(
(375693.3, 3785197.5, 215.1, 215.1, 1.8);	(
375693.2, 3785172.7, 214.7, 214.7, 1.8);	(
(375693.1, 3785147.9, 214.2, 214.2, 1.8);	(
375692.9, 3785123.1, 213.9, 213.9, 1.8);	(
(375692.8, 3785098.4, 213.6, 213.6, 1.8);	(
375692.6, 3785073.6, 213.4, 213.4, 1.8);	(
(375692.5, 3785048.8, 213.4, 213.4, 1.8);	(
375692.4, 3785024.0, 213.1, 213.1, 1.8);	(
(375692.2, 3784999.3, 212.9, 212.9, 1.8);	(
375692.1, 3784974.5, 212.5, 212.5, 1.8);	(
(375692.0, 3784949.7, 212.6, 212.6, 1.8);	(
375691.8, 3784924.9, 212.3, 212.3, 1.8);	(
(375691.7, 3784900.2, 212.1, 212.1, 1.8);	(
375691.5, 3784875.4, 211.9, 211.9, 1.8);	(
(375691.4, 3784850.6, 211.5, 211.5, 1.8);	(
375691.3, 3784825.8, 211.6, 211.6, 1.8);	(
(375691.1, 3784801.1, 211.6, 211.6, 1.8);	(
375691.0, 3784776.3, 211.7, 211.7, 1.8);	(
(375690.9, 3784751.5, 211.8, 211.8, 1.8);	(
375690.7, 3784726.7, 210.1, 210.1, 1.8);	(

(375690.6, 3784702.0, 209.7, 209.7, 1.8); (

375690.5, 3784677.2, 209.2, 209.2, 1.8);

(375690.3, 3784652.4, 209.5, 209.5, 1.8); (

375690.2, 3784627.6, 208.9, 209.6, 1.8);

(375690.0, 3784602.9, 208.4, 209.1, 1.8); (

375689.9, 3784578.1, 208.6, 208.6, 1.8);

(375689.8, 3784553.3, 208.9, 208.9, 1.8); (

375689.6, 3784528.5, 207.8, 207.8, 1.8);

(375689.5, 3784503.8, 207.2, 208.4, 1.8); (

375689.4, 3784479.0, 207.0, 208.1, 1.8);

(375689.2, 3784454.2, 206.3, 208.2, 1.8); (

375706.3, 3784422.9, 205.5, 205.5, 1.8);

(375743.7, 3784432.5, 205.8, 205.8, 1.8); (

375785.9, 3784408.4, 205.4, 205.4, 1.8);

(375790.2, 3784365.4, 204.7, 204.7, 1.8); (

375819.1, 3784359.8, 203.2, 204.5, 1.8);

(375840.8, 3784336.2, 205.1, 205.1, 1.8); (

375841.9, 3784313.6, 205.0, 205.0, 1.8);

(375842.9, 3784291.0, 204.0, 208.4, 1.8); (

375844.0, 3784268.4, 203.0, 208.4, 1.8);

(375820.4, 3784292.2, 203.4, 203.4, 1.8); (

375878.5, 3784289.0, 205.8, 208.4, 1.8);

(375899.1, 3784264.7, 202.6, 208.4, 1.8); (

375919.0, 3784276.1, 203.3, 208.4, 1.8);

(375943.2, 3784276.1, 202.7, 208.4, 1.8); (

375967.4, 3784276.1, 202.2, 206.5, 1.8);

(375991.5, 3784244.2, 202.0, 206.5, 1.8); (

375961.0, 3784253.5, 202.1, 206.2, 1.8);

(376028.1, 3784230.9, 201.9, 201.9, 1.8); (

376053.1, 3784225.2, 201.5, 201.5, 1.8);

(376076.9, 3784219.5, 201.7, 201.7, 1.8); (

376100.6, 3784213.8, 201.3, 201.3, 1.8);

(376124.4, 3784208.0, 200.9, 200.9, 1.8); (

376148.2, 3784202.3, 200.7, 200.7, 1.8);

(376172.0, 3784196.6, 200.2, 200.2, 1.8); (

376195.7, 3784190.8, 200.1, 200.1, 1.8);

(376219.5, 3784185.1, 200.0, 200.0, 1.8); (

376243.3, 3784179.4, 200.0, 200.0, 1.8);

(376267.1, 3784173.6, 199.6, 199.6, 1.8); (

376290.8, 3784167.9, 199.3, 199.3, 1.8);

(376314.6, 3784162.2, 199.2, 199.2, 1.8); (

376338.4, 3784156.4, 198.7, 198.7, 1.8);

(376362.2, 3784150.7, 198.6, 198.6, 1.8); (

376385.9, 3784145.0, 198.4, 198.4, 1.8);

(376409.7, 3784139.2, 198.2, 198.2, 1.8); (

376433.5, 3784133.5, 198.1, 198.1, 1.8);

(376457.3, 3784127.8, 197.9, 197.9, 1.8); (

376481.0, 3784122.0, 197.8, 197.8, 1.8);

(376504.8, 3784116.3, 197.7, 197.7, 1.8); (

376528.6, 3784110.6, 197.8, 197.8, 1.8);

(376552.3, 3784104.8, 197.7, 197.7, 1.8); (

376576.1, 3784099.1, 197.1, 197.1, 1.8);

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 *** AERMET - VERSION 16216 *** ***
 *** 00:46:09

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

(376599.9, 3784093.3, 196.4, 196.4, 1.8);	(
376623.7, 3784087.6, 196.0, 196.0, 1.8);	(
(376647.5, 3784081.9, 196.4, 196.4, 1.8);	(
376690.9, 3784077.6, 195.9, 195.9, 1.8);	(
(376714.3, 3784075.2, 195.5, 195.5, 1.8);	(
376737.7, 3784072.8, 195.0, 195.0, 1.8);	(
(376757.3, 3784048.3, 194.6, 194.6, 1.8);	(
376779.6, 3784041.2, 194.5, 194.5, 1.8);	(
(376803.7, 3784035.3, 194.3, 194.3, 1.8);	(
376827.8, 3784029.5, 194.2, 194.2, 1.8);	(
(376851.9, 3784023.7, 194.0, 194.0, 1.8);	(
376876.0, 3784017.8, 194.0, 194.0, 1.8);	(
(376900.1, 3784012.0, 194.1, 194.1, 1.8);	(
376924.3, 3784006.1, 195.0, 195.0, 1.8);	(
(376948.4, 3784000.3, 194.1, 194.1, 1.8);	(
376972.5, 3783994.5, 193.3, 502.5, 1.8);	(
(376996.6, 3783988.6, 192.4, 502.5, 1.8);	(
377020.7, 3783982.8, 191.8, 502.5, 1.8);	(
(377044.8, 3783977.0, 191.8, 502.5, 1.8);	(
377069.0, 3783971.1, 191.0, 502.5, 1.8);	(
(377093.1, 3783965.3, 190.6, 502.5, 1.8);	(
377117.2, 3783959.5, 190.7, 502.5, 1.8);	(
(377141.3, 3783953.6, 190.4, 502.5, 1.8);	(
377165.4, 3783947.8, 190.1, 502.5, 1.8);	(
(377189.5, 3783941.9, 190.6, 502.5, 1.8);	(
377213.6, 3783936.1, 190.8, 502.5, 1.8);	(
(377237.8, 3783930.3, 191.0, 502.5, 1.8);	(
377261.9, 3783924.4, 190.9, 502.5, 1.8);	(
(377286.0, 3783918.6, 190.4, 502.5, 1.8);	(
377310.1, 3783912.8, 190.1, 502.5, 1.8);	(
(377334.2, 3783906.9, 190.2, 502.5, 1.8);	(
377358.3, 3783901.1, 190.2, 502.5, 1.8);	(
(377382.5, 3783895.2, 190.2, 502.5, 1.8);	(
377406.6, 3783889.4, 190.1, 502.5, 1.8);	(
(377430.7, 3783883.6, 189.9, 502.5, 1.8);	(
377454.8, 3783877.7, 189.3, 502.5, 1.8);	(
(377478.9, 3783871.9, 189.3, 502.5, 1.8);	(
377503.0, 3783866.1, 189.0, 502.5, 1.8);	(

(377527.1, 3783860.2, 189.0, 502.5, 1.8); (

377551.3, 3783854.4, 188.9, 502.5, 1.8);

(377575.4, 3783848.6, 188.4, 502.5, 1.8); (

377599.5, 3783842.7, 188.4, 502.5, 1.8);

(377623.6, 3783836.9, 187.4, 502.5, 1.8); (

377647.7, 3783831.0, 188.1, 502.5, 1.8);

(377671.8, 3783825.2, 188.2, 502.5, 1.8); (

377696.0, 3783819.4, 187.6, 502.5, 1.8);

(377720.1, 3783813.5, 187.0, 502.5, 1.8); (

377744.2, 3783807.7, 187.0, 502.5, 1.8);

(377767.6, 3783800.4, 186.4, 502.5, 1.8); (

377789.4, 3783793.5, 185.9, 502.5, 1.8);

(377811.1, 3783786.7, 186.1, 502.5, 1.8); (

377832.9, 3783779.8, 186.3, 502.5, 1.8);

(377854.7, 3783773.0, 186.5, 502.5, 1.8); (

377876.5, 3783766.1, 186.6, 502.5, 1.8);

(377898.2, 3783759.3, 186.3, 502.5, 1.8); (

377920.0, 3783752.4, 185.9, 502.5, 1.8);

(377936.2, 3783720.7, 185.1, 502.5, 1.8); (

377923.3, 3783681.9, 184.0, 502.5, 1.8);

(377893.6, 3783647.6, 183.8, 502.5, 1.8); (

377865.9, 3783654.6, 184.2, 502.5, 1.8);

(377830.5, 3783669.1, 184.8, 502.5, 1.8); (

377792.9, 3783681.2, 184.8, 502.5, 1.8);

(377769.7, 3783687.0, 185.5, 502.5, 1.8); (

377746.5, 3783692.9, 185.8, 502.5, 1.8);

(377723.4, 3783698.8, 185.9, 502.5, 1.8); (

377700.2, 3783704.6, 185.8, 502.5, 1.8);

(377677.0, 3783710.5, 186.4, 502.5, 1.8); (

377653.9, 3783716.4, 186.6, 502.5, 1.8);

(377630.7, 3783722.2, 186.9, 502.5, 1.8); (

377607.5, 3783728.1, 186.6, 502.5, 1.8);

(377584.4, 3783733.9, 187.2, 502.5, 1.8); (

377561.2, 3783739.8, 186.9, 502.5, 1.8);

(377528.6, 3783739.0, 187.2, 502.5, 1.8); (

377498.9, 3783735.9, 186.8, 502.5, 1.8);

(377470.6, 3783748.5, 187.5, 502.5, 1.8); (

377440.6, 3783769.0, 187.8, 502.5, 1.8);

(377417.1, 3783762.7, 187.7, 502.5, 1.8); (

377372.3, 3783779.8, 188.2, 502.5, 1.8);

(377365.9, 3783802.3, 188.3, 502.5, 1.8); (

377340.1, 3783796.7, 188.4, 502.5, 1.8);

(377335.9, 3783818.9, 188.1, 502.5, 1.8); (

377309.9, 3783797.8, 188.0, 502.5, 1.8);

(377285.4, 3783799.8, 188.4, 502.5, 1.8); (

377260.9, 3783801.7, 188.7, 502.5, 1.8);

(377236.4, 3783803.6, 188.9, 502.5, 1.8); (

377213.8, 3783823.6, 188.8, 502.5, 1.8);

(377182.7, 3783837.8, 189.7, 502.5, 1.8); (

377152.3, 3783835.8, 189.9, 189.9, 1.8);

(377128.7, 3783835.8, 190.1, 190.1, 1.8); (

377105.0, 3783835.8, 190.5, 190.5, 1.8);

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:46:09

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

(377081.3, 3783835.8, 190.6, 190.6, 1.8);	(
377057.7, 3783835.8, 190.7, 190.7, 1.8);	(
(377036.4, 3783852.0, 191.2, 191.2, 1.8);	(
377014.3, 3783845.6, 191.5, 191.5, 1.8);	(
(376991.5, 3783861.3, 191.7, 191.7, 1.8);	(
376987.5, 3783886.6, 191.7, 191.7, 1.8);	(
(376967.4, 3783874.5, 191.7, 191.7, 1.8);	(
376931.9, 3783877.8, 191.8, 191.8, 1.8);	(
(376912.1, 3783889.9, 192.0, 192.0, 1.8);	(
376887.8, 3783890.6, 192.7, 192.7, 1.8);	(
(376842.4, 3783915.6, 193.5, 193.5, 1.8);	(
376867.4, 3783910.0, 193.2, 193.2, 1.8);	(
(376812.4, 3783917.1, 193.6, 193.6, 1.8);	(
376789.4, 3783917.6, 193.6, 193.6, 1.8);	(
(376750.6, 3783926.5, 194.2, 194.2, 1.8);	(
376713.4, 3783939.7, 194.4, 194.4, 1.8);	(
(376743.3, 3783958.0, 194.5, 194.5, 1.8);	(
376711.1, 3783913.3, 193.9, 193.9, 1.8);	(
(376667.2, 3783915.9, 194.1, 194.1, 1.8);	(
376623.3, 3783918.4, 194.5, 194.5, 1.8);	(
(376577.9, 3783944.7, 195.0, 195.0, 1.8);	(
376577.9, 3783967.3, 195.4, 195.4, 1.8);	(
(376601.2, 3783942.3, 195.0, 195.0, 1.8);	(
376552.8, 3783945.5, 195.5, 195.5, 1.8);	(
(376528.6, 3783947.2, 195.7, 195.7, 1.8);	(
376504.5, 3783948.8, 196.0, 196.0, 1.8);	(
(376484.5, 3783965.2, 195.9, 195.9, 1.8);	(
376443.2, 3783977.4, 196.8, 196.8, 1.8);	(
(376448.0, 3783955.2, 196.5, 196.5, 1.8);	(
376406.1, 3783955.2, 196.4, 196.4, 1.8);	(
(376381.5, 3783976.0, 196.2, 196.2, 1.8);	(
376339.2, 3783996.3, 197.0, 197.0, 1.8);	(
(376339.2, 3784018.9, 197.2, 197.2, 1.8);	(
376362.9, 3783993.9, 196.8, 196.8, 1.8);	(
(376301.6, 3783997.1, 197.0, 197.0, 1.8);	(
376281.3, 3784013.5, 197.5, 197.5, 1.8);	(
(376256.0, 3784013.3, 197.9, 197.9, 1.8);	(
376219.0, 3784013.2, 198.3, 198.3, 1.8);	(

(376197.7, 3784029.4, 198.4, 198.4, 1.8); (

376159.4, 3784038.7, 199.3, 199.3, 1.8);

(376131.9, 3784035.8, 199.9, 199.9, 1.8); (

376110.6, 3784052.0, 199.6, 199.6, 1.8);

(376091.5, 3784076.5, 199.4, 199.4, 1.8); (

376066.5, 3784074.1, 199.5, 199.5, 1.8);

(376059.1, 3784032.6, 199.6, 199.6, 1.8); (

376015.1, 3784035.9, 200.2, 200.2, 1.8);

(375971.0, 3784039.1, 200.2, 200.2, 1.8); (

375926.9, 3784042.3, 200.5, 200.5, 1.8);

(375903.8, 3784069.6, 200.4, 200.4, 1.8); (

375906.0, 3784092.2, 200.3, 200.3, 1.8);

(375908.1, 3784114.8, 200.8, 200.8, 1.8); (

375910.3, 3784137.4, 201.3, 201.3, 1.8);

(375881.6, 3784125.5, 201.6, 201.6, 1.8); (

375858.5, 3784132.7, 202.4, 202.4, 1.8);

(375835.4, 3784139.9, 203.1, 203.1, 1.8); (

375812.3, 3784147.1, 203.1, 203.1, 1.8);

(375789.3, 3784154.3, 203.4, 203.4, 1.8); (

375766.2, 3784161.5, 203.3, 203.3, 1.8);

(375743.1, 3784168.7, 203.5, 203.5, 1.8); (

375720.0, 3784175.9, 203.4, 203.4, 1.8);

(375697.0, 3784183.1, 202.1, 205.1, 1.8); (

375673.9, 3784190.3, 204.7, 204.7, 1.8);

(375650.8, 3784197.5, 205.0, 205.0, 1.8); (

375627.8, 3784204.7, 205.2, 205.2, 1.8);

(375610.2, 3784227.3, 205.6, 205.6, 1.8); (

375608.1, 3784270.3, 205.9, 207.8, 1.8);

(375577.1, 3784283.7, 206.1, 208.2, 1.8); (

375553.3, 3784290.9, 206.5, 208.3, 1.8);

(375529.5, 3784298.2, 206.4, 208.8, 1.8); (

375505.7, 3784305.4, 207.4, 208.8, 1.8);

(375481.9, 3784312.7, 208.0, 209.2, 1.8); (

375458.1, 3784319.9, 209.5, 209.7, 1.8);

(375434.3, 3784327.2, 208.8, 209.6, 1.8); (

375416.7, 3784349.4, 208.8, 210.0, 1.8);

(375415.1, 3784372.8, 208.2, 208.2, 1.8); (

375413.5, 3784396.2, 209.3, 209.3, 1.8);

(375411.9, 3784419.5, 209.4, 209.4, 1.8); (

375410.2, 3784442.9, 209.2, 209.2, 1.8);

(375435.2, 3784469.7, 209.0, 209.0, 1.8); (

375458.6, 3784469.7, 208.9, 208.9, 1.8);

(375482.0, 3784469.7, 208.4, 208.4, 1.8); (

375505.3, 3784469.7, 208.4, 208.4, 1.8);

(375478.4, 3784493.6, 208.5, 208.5, 1.8); (

375460.0, 3784533.2, 208.9, 208.9, 1.8);

(375441.6, 3784572.8, 209.4, 209.4, 1.8); (

375460.1, 3784558.7, 209.1, 209.1, 1.8);

(375402.0, 3784568.4, 210.0, 210.0, 1.8); (

375381.2, 3784593.0, 210.5, 210.5, 1.8);

(375381.2, 3784617.8, 211.2, 211.2, 1.8); (

375381.2, 3784642.5, 211.1, 211.1, 1.8);

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:46:09

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

(375381.2, 3784667.2, 211.2, 211.2, 1.8);	(
375397.3, 3784688.6, 211.6, 211.6, 1.8);	(
(375422.3, 3784692.2, 211.6, 211.6, 1.8);	(
375395.0, 3784728.1, 211.7, 211.7, 1.8);	(
(375388.6, 3784750.7, 211.9, 211.9, 1.8);	(
375400.6, 3784779.5, 213.2, 213.2, 1.8);	(
(375436.1, 3784798.9, 213.1, 213.1, 1.8);	(
375423.5, 3784772.4, 212.9, 212.9, 1.8);	(
(375414.9, 3784819.8, 213.1, 213.1, 1.8);	(
375410.6, 3784843.4, 213.2, 213.2, 1.8);	(
(375406.3, 3784867.0, 213.5, 213.5, 1.8);	(
375402.0, 3784890.7, 213.8, 213.8, 1.8);	(
(375397.7, 3784914.4, 214.2, 214.2, 1.8);	(
375393.4, 3784938.0, 214.6, 214.6, 1.8);	(
(375389.1, 3784961.7, 214.4, 214.4, 1.8);	(
375384.8, 3784985.3, 214.5, 214.5, 1.8);	(
(375380.5, 3785009.0, 215.1, 215.1, 1.8);	(
375376.2, 3785032.6, 215.2, 215.2, 1.8);	(
(375371.9, 3785056.3, 215.2, 215.2, 1.8);	(
375342.5, 3785060.8, 215.6, 215.6, 1.8);	(
(375301.2, 3785057.5, 215.7, 215.7, 1.8);	(
375255.4, 3785083.5, 216.4, 216.4, 1.8);	(
(375255.5, 3785107.4, 216.9, 216.9, 1.8);	(
375255.7, 3785131.2, 217.2, 217.2, 1.8);	(
(375255.8, 3785155.1, 217.4, 217.4, 1.8);	(
375256.0, 3785179.0, 217.9, 217.9, 1.8);	(
(375256.2, 3785202.9, 218.1, 218.1, 1.8);	(
375256.3, 3785226.7, 218.3, 218.3, 1.8);	(
(375256.5, 3785250.6, 218.6, 218.6, 1.8);	(
375256.6, 3785274.5, 218.9, 218.9, 1.8);	(
(375256.8, 3785298.3, 219.1, 219.1, 1.8);	(
375257.0, 3785322.2, 219.4, 219.4, 1.8);	(
(375257.1, 3785346.1, 219.6, 219.6, 1.8);	(
375257.3, 3785369.9, 219.9, 219.9, 1.8);	(
(375257.5, 3785393.8, 220.2, 220.2, 1.8);	(
375257.6, 3785417.7, 220.6, 220.6, 1.8);	(
(375257.8, 3785441.6, 220.8, 220.8, 1.8);	(
375257.9, 3785465.4, 221.4, 221.4, 1.8);	(

(375258.1, 3785489.3, 221.4, 221.4, 1.8); (

375258.3, 3785513.2, 221.0, 222.3, 1.8);

(375258.4, 3785537.0, 222.3, 222.3, 1.8); (

375258.6, 3785560.9, 222.8, 222.8, 1.8);

(375252.4, 3785600.4, 223.2, 223.2, 1.8); (

375246.0, 3785643.7, 224.0, 224.0, 1.8);

(375239.5, 3785687.0, 224.3, 224.3, 1.8); (

375215.8, 3785687.3, 224.4, 224.4, 1.8);

(375193.3, 3785687.3, 224.7, 224.7, 1.8); (

375168.3, 3785711.9, 225.2, 225.2, 1.8);

(375167.9, 3785734.5, 225.4, 225.4, 1.8); (

375167.6, 3785757.1, 225.6, 225.6, 1.8);

(375167.2, 3785779.7, 225.8, 225.8, 1.8); (

375166.8, 3785802.3, 226.0, 226.0, 1.8);

(375166.5, 3785824.8, 226.2, 226.2, 1.8); (

375166.1, 3785847.4, 226.4, 226.4, 1.8);

(375165.8, 3785870.0, 226.6, 226.6, 1.8); (

375165.4, 3785892.6, 226.8, 226.8, 1.8);

(375165.0, 3785915.2, 226.8, 226.8, 1.8); (

375188.4, 3785940.5, 227.6, 227.6, 1.8);

(375212.6, 3785942.1, 227.2, 227.2, 1.8); (

375208.7, 3785982.3, 227.4, 227.4, 1.8);

(375212.8, 3786021.9, 227.6, 227.6, 1.8); (

375237.0, 3786050.9, 227.0, 227.0, 1.8);

(375261.1, 3786079.9, 227.7, 227.7, 1.8); (

375296.6, 3786083.0, 227.0, 227.0, 1.8);

(375315.0, 3786067.3, 226.8, 226.8, 1.8); (

375333.3, 3786051.7, 226.3, 226.3, 1.8);

(375351.7, 3786036.0, 225.8, 225.8, 1.8); (

375370.1, 3786020.4, 225.7, 225.7, 1.8);

(375388.5, 3786004.8, 225.3, 225.3, 1.8); (

375406.9, 3785989.1, 225.1, 225.1, 1.8);

(375425.3, 3785973.5, 224.9, 224.9, 1.8); (

375443.6, 3785957.8, 224.6, 224.6, 1.8);

(375462.0, 3785942.2, 224.4, 224.4, 1.8); (

375480.4, 3785926.5, 223.9, 223.9, 1.8);

(375498.8, 3785910.9, 223.6, 223.6, 1.8); (

375517.2, 3785895.2, 223.2, 223.2, 1.8);

(375535.6, 3785879.6, 223.1, 223.1, 1.8); (

375554.0, 3785864.0, 222.8, 222.8, 1.8);

(375572.4, 3785848.3, 222.5, 222.5, 1.8); (

375590.7, 3785832.7, 222.1, 222.1, 1.8);

(375609.1, 3785817.0, 221.7, 221.7, 1.8); (

375627.5, 3785801.4, 221.8, 221.8, 1.8);

(375645.9, 3785785.7, 221.5, 221.5, 1.8); (

375664.3, 3785770.1, 221.2, 221.2, 1.8);

(375673.0, 3785748.7, 220.9, 220.9, 1.8); (

375669.1, 3785707.4, 220.1, 220.1, 1.8);

(375663.3, 3785645.5, 219.2, 220.5, 1.8); (

375280.4, 3786063.9, 227.2, 227.2, 1.8);

(375232.0, 3786005.9, 227.5, 227.5, 1.8); (

375238.4, 3785918.8, 226.7, 226.7, 1.8);

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:46:09

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

(375190.0, 3785915.6,	226.8,	226.8,	1.8);	(
375193.3, 3785712.3,	225.0,	225.0,	1.8);	(
(375261.0, 3785712.3,	224.5,	224.5,	1.8);	(
375283.6, 3785560.7,	221.9,	221.9,	1.8);	(
(375280.4, 3785083.3,	216.6,	216.6,	1.8);	(
375367.5, 3785080.1,	216.0,	216.0,	1.8);	(
(375367.5, 3785060.8,	215.5,	215.5,	1.8);	(
375396.5, 3785060.8,	215.3,	215.3,	1.8);	(
(375448.1, 3784776.9,	213.0,	213.0,	1.8);	(
375412.6, 3784757.5,	212.2,	212.2,	1.8);	(
(375438.4, 3784667.2,	211.0,	211.0,	1.8);	(
375406.2, 3784667.2,	210.7,	210.7,	1.8);	(
(375406.2, 3784593.0,	210.2,	210.2,	1.8);	(
375464.2, 3784583.4,	209.3,	209.3,	1.8);	(
(375528.7, 3784444.7,	209.2,	209.2,	1.8);	(
375435.2, 3784444.7,	208.9,	208.9,	1.8);	(
(375441.6, 3784351.1,	207.9,	210.0,	1.8);	(
375632.0, 3784293.1,	206.6,	207.6,	1.8);	(
(375635.2, 3784228.5,	205.6,	205.6,	1.8);	(
375935.2, 3784135.0,	201.5,	201.5,	1.8);	(
(375928.7, 3784067.3,	200.5,	200.5,	1.8);	(
376061.0, 3784057.6,	199.6,	199.6,	1.8);	(
(376064.2, 3784102.7,	200.2,	200.2,	1.8);	(
376083.5, 3784099.5,	200.1,	200.1,	1.8);	(
(376086.8, 3784086.6,	200.0,	200.0,	1.8);	(
376119.0, 3784083.4,	200.3,	200.3,	1.8);	(
(376115.8, 3784070.5,	200.1,	200.1,	1.8);	(
376131.9, 3784070.5,	200.3,	200.3,	1.8);	(
(376131.9, 3784060.8,	200.2,	200.2,	1.8);	(
376180.3, 3784060.8,	199.3,	199.3,	1.8);	(
(376180.3, 3784047.9,	199.1,	199.1,	1.8);	(
376219.0, 3784051.1,	198.7,	198.7,	1.8);	(
(376219.0, 3784038.2,	198.6,	198.6,	1.8);	(
376257.7, 3784038.2,	198.3,	198.3,	1.8);	(
(376302.9, 3784035.0,	197.5,	197.5,	1.8);	(
376302.9, 3784022.1,	197.3,	197.3,	1.8);	(
(376364.2, 3784018.9,	197.1,	197.1,	1.8);	(
376364.2, 3783996.3,	196.8,	196.8,	1.8);	(

(376402.9, 3783999.5,	196.8,	196.8,	1.8);	(
376406.1, 3783980.2,	196.6,	196.6,	1.8);	
(376448.0, 3783980.2,	196.8,	196.8,	1.8);	(
376448.0, 3784002.8,	197.1,	197.1,	1.8);	
(376464.2, 3784002.8,	197.0,	197.0,	1.8);	(
376464.2, 3783986.6,	196.8,	196.8,	1.8);	
(376506.1, 3783989.8,	196.5,	196.5,	1.8);	(
376506.1, 3783973.7,	196.3,	196.3,	1.8);	
(376602.9, 3783967.3,	195.5,	195.5,	1.8);	(
376602.9, 3783944.7,	195.0,	195.0,	1.8);	
(376712.5, 3783938.2,	194.3,	194.3,	1.8);	(
376719.0, 3783964.0,	194.5,	194.5,	1.8);	
(376760.9, 3783954.4,	194.4,	194.4,	1.8);	(
376770.6, 3783941.5,	194.3,	194.3,	1.8);	
(376822.2, 3783944.7,	194.0,	194.0,	1.8);	(
376828.7, 3783935.0,	193.8,	193.8,	1.8);	
(376867.4, 3783935.0,	192.9,	192.9,	1.8);	(
376867.4, 3783915.6,	193.2,	193.2,	1.8);	
(376928.7, 3783915.6,	191.8,	191.8,	1.8);	(
376931.9, 3783902.8,	191.8,	191.8,	1.8);	
(376960.9, 3783902.8,	191.6,	191.6,	1.8);	(
376967.4, 3783899.5,	191.7,	191.7,	1.8);	
(376999.6, 3783899.5,	191.5,	191.5,	1.8);	(
376999.6, 3783886.6,	191.7,	191.7,	1.8);	
(377012.5, 3783886.6,	191.8,	191.8,	1.8);	(
377012.5, 3783870.5,	191.7,	191.7,	1.8);	
(377057.7, 3783873.7,	191.3,	191.3,	1.8);	(
377057.7, 3783860.8,	191.3,	191.3,	1.8);	
(377199.6, 3783860.8,	189.4,	502.5,	1.8);	(
377202.8, 3783851.1,	189.8,	502.5,	1.8);	
(377235.1, 3783844.7,	189.4,	502.5,	1.8);	(
377238.3, 3783828.6,	188.8,	502.5,	1.8);	
(377360.9, 3783818.9,	188.0,	502.5,	1.8);	(
377360.9, 3783806.0,	188.2,	502.5,	1.8);	
(377389.9, 3783809.2,	188.0,	502.5,	1.8);	(
377396.4, 3783786.6,	187.9,	502.5,	1.8);	
(377454.5, 3783789.8,	187.8,	502.5,	1.8);	(
377473.8, 3783776.9,	187.7,	502.5,	1.8);	
(377496.4, 3783760.8,	187.1,	502.5,	1.8);	(
377528.6, 3783764.0,	187.4,	502.5,	1.8);	
(377567.3, 3783764.0,	187.5,	502.5,	1.8);	(
377822.2, 3783699.5,	184.9,	502.5,	1.8);	
(377893.1, 3783670.5,	184.0,	502.5,	1.8);	(
377912.5, 3783728.6,	185.8,	502.5,	1.8);	
(377738.3, 3783783.4,	186.2,	502.5,	1.8);	(
376725.5, 3784028.5,	195.8,	195.8,	1.8);	
(376735.1, 3784047.9,	194.9,	194.9,	1.8);	(
376641.6, 3784057.6,	195.3,	195.3,	1.8);	
(375999.7, 3784212.4,	202.1,	202.1,	1.8);	(
376006.1, 3784228.5,	202.1,	202.1,	1.8);	
(375961.0, 3784228.5,	202.0,	202.0,	1.8);	(
375967.4, 3784251.1,	202.1,	206.5,	1.8);	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

(375870.7, 3784251.1,	202.2,	208.4,	1.8);	(
375877.1, 3784264.0,	202.8,	208.4,	1.8);	
(375819.0, 3784267.2,	203.2,	204.9,	1.8);	(
375815.8, 3784335.0,	204.0,	204.0,	1.8);	
(375767.4, 3784341.4,	204.8,	204.8,	1.8);	(
375761.0, 3784405.9,	205.3,	205.3,	1.8);	
(375683.6, 3784412.4,	206.6,	206.6,	1.8);	(
375664.2, 3784454.3,	207.5,	207.5,	1.8);	
(375670.7, 3785618.8,	218.9,	218.9,	1.8);	(
375638.4, 3785647.8,	220.8,	220.8,	1.8);	
(375648.1, 3785751.0,	221.1,	221.1,	1.8);	

8.23, 10.80, 1.54, 3.09, 5.14,

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

Surface file: KBUR_v9.SFC
 Met Version: 16216
 Profile file: KBUR_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 23152 Upper air station no.:
 3190
 Name: UNKNOWN Name:
 UNKNOWN Year: 2012 Year:
 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0
BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT					
12	01	01	1	01	-23.4	0.241	-9.000	-9.000	-999.	285.	64.1	0.16	
3.02	1.00			2.45	359.	7.9	286.4	2.0					
12	01	01	1	02	-11.3	0.143	-9.000	-9.000	-999.	134.	23.1	0.16	
3.02	1.00			1.50	289.	7.9	284.9	2.0					
12	01	01	1	03	-4.8	0.092	-9.000	-9.000	-999.	68.	14.5	0.16	
3.02	1.00			0.99	300.	7.9	283.8	2.0					
12	01	01	1	04	-8.1	0.121	-9.000	-9.000	-999.	100.	19.1	0.16	
3.02	1.00			1.28	295.	7.9	284.2	2.0					
12	01	01	1	05	-2.9	0.074	-9.000	-9.000	-999.	49.	12.3	0.16	
3.02	1.00			0.75	323.	7.9	282.5	2.0					
12	01	01	1	06	-11.3	0.143	-9.000	-9.000	-999.	130.	23.0	0.16	
3.02	1.00			1.50	306.	7.9	283.1	2.0					
12	01	01	1	07	-16.9	0.176	-9.000	-9.000	-999.	178.	34.3	0.16	
3.02	1.00			1.82	315.	7.9	284.9	2.0					
12	01	01	1	08	-8.8	0.134	-9.000	-9.000	-999.	118.	24.3	0.16	
3.02	0.55			1.40	323.	7.9	287.0	2.0					
12	01	01	1	09	36.3	0.171	0.339	0.008	38.	169.	-12.2	0.16	
3.02	0.32			1.31	23.	7.9	288.8	2.0					
12	01	01	1	10	110.9	0.119	0.729	0.009	124.	99.	-1.4	0.16	
3.02	0.24			0.62	163.	7.9	292.0	2.0					
12	01	01	1	11	165.2	0.157	1.185	0.005	358.	149.	-2.1	0.16	
3.02	0.21			0.89	112.	7.9	296.4	2.0					
12	01	01	1	12	192.9	0.184	1.540	0.005	672.	189.	-2.8	0.16	
3.02	0.20			1.11	225.	7.9	299.2	2.0					

12	01	01	1	13	192.1	0.199	1.840	0.005	1152.	213.	-3.6	0.16
3.02		0.20			1.26	250.	7.9	299.9	2.0			
12	01	01	1	14	164.6	0.270	1.886	0.005	1447.	337.	-10.6	0.16
3.02		0.21			2.03	273.	7.9	300.4	2.0			
12	01	01	1	15	111.1	0.289	1.699	0.005	1566.	373.	-19.3	0.16
3.02		0.25			2.35	270.	7.9	300.4	2.0			
12	01	01	1	16	35.3	0.338	1.167	0.005	1596.	472.	-96.9	0.16
3.02		0.33			3.12	289.	7.9	298.8	2.0			
12	01	01	1	17	-20.8	0.255	-9.000	-9.000	-999.	312.	71.4	0.16
3.02		0.60			2.57	318.	7.9	296.4	2.0			
12	01	01	1	18	-35.0	0.369	-9.000	-9.000	-999.	538.	149.9	0.16
3.02		1.00			3.68	320.	7.9	293.8	2.0			
12	01	01	1	19	-27.7	0.291	-9.000	-9.000	-999.	380.	93.2	0.16
3.02		1.00			2.93	345.	7.9	292.0	2.0			
12	01	01	1	20	-20.7	0.216	-9.000	-9.000	-999.	243.	51.2	0.16
3.02		1.00			2.20	325.	7.9	290.4	2.0			
12	01	01	1	21	-8.5	0.124	-9.000	-9.000	-999.	108.	19.8	0.16
3.02		1.00			1.31	359.	7.9	288.1	2.0			
12	01	01	1	22	-7.4	0.116	-9.000	-9.000	-999.	94.	18.4	0.16
3.02		1.00			1.23	304.	7.9	287.5	2.0			
12	01	01	1	23	-6.3	0.106	-9.000	-9.000	-999.	82.	16.7	0.16
3.02		1.00			1.13	314.	7.9	285.9	2.0			
12	01	01	1	24	-19.7	0.203	-9.000	-9.000	-999.	220.	45.5	0.16
3.02		1.00			2.08	319.	7.9	287.0	2.0			

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	359.	2.45	286.5	99.0	-99.00	-99.00

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
375655.13	3785666.41	0.73392		
375687.39	3785637.38	0.71746		
375695.53	3785593.89	0.75095		
375695.40	3785569.11	0.77934		
375695.26	3785544.33	0.80783		
375695.12	3785519.56	0.83755		
375694.98	3785494.78	0.86943		
375694.85	3785470.01	0.89761		
375694.71	3785445.23	0.92851		
375694.57	3785420.46	0.95864		
375694.43	3785395.68	0.99020		
375694.30	3785370.90	1.02159		
375694.16	3785346.13	1.05459		
375694.02	3785321.35	1.08921		
375693.89	3785296.58	1.12319		
375693.75	3785271.80	1.16041		
375693.61	3785247.03	1.20314		
375693.47	3785222.25	1.25365		
375693.34	3785197.47	1.30263		
375693.20	3785172.70	1.33937		
375693.06	3785147.92	1.35393		
375692.92	3785123.15	1.34518		
375692.79	3785098.37	1.32676		
375692.65	3785073.60	1.31600		
375692.51	3785048.82	1.32162		
375692.38	3785024.04	1.34673		
375692.24	3784999.27	1.38712		
375692.10	3784974.49	1.44515		

	375691.96	3784949.72	1.51295
375691.83	3784924.94	1.60587	
	375691.69	3784900.16	1.72924
375691.55	3784875.39	1.88800	
	375691.42	3784850.61	2.07799
375691.28	3784825.84	2.28604	
	375691.14	3784801.06	2.51769
375691.00	3784776.29	2.77752	
	375690.87	3784751.51	3.08615
375690.73	3784726.73	3.51166	
	375690.59	3784701.96	3.97728
375690.45	3784677.18	4.49888	
	375690.32	3784652.41	5.02499
375690.18	3784627.63	5.55575	
	375690.04	3784602.86	6.01456
375689.91	3784578.08	6.40221	
	375689.77	3784553.30	6.86690
375689.63	3784528.53	7.54534	
	375689.49	3784503.75	8.31133
375689.36	3784478.98	9.29344	
	375689.22	3784454.20	10.33836
375706.27	3784422.89	11.17728	
	375743.71	3784432.48	9.08376
375785.87	3784408.44	7.17302	
	375790.17	3784365.43	9.09299
375819.12	3784359.77	8.11518	
	375840.79	3784336.18	8.64406
375841.87	3784313.60	9.48323	
	375842.94	3784291.02	10.82239
375844.02	3784268.44	13.12445	
	375820.43	3784292.21	9.25437
375878.49	3784288.99	11.42656	
	375899.10	3784264.72	15.18559
375919.04	3784276.12	11.18094	
	375943.24	3784276.12	10.09830
375967.43	3784276.12	9.17467	
	375991.47	3784244.25	11.88554
375960.98	3784253.54	12.54006	
	376028.10	3784230.89	9.60393
376053.09	3784225.25	7.01382	
	376076.87	3784219.52	5.60625
376100.64	3784213.78	5.17689	
	376124.41	3784208.05	5.10573
376148.19	3784202.31	5.07032	
	376171.96	3784196.58	5.05998
376195.74	3784190.84	5.02726	
	376219.51	3784185.11	4.98489
376243.29	3784179.37	4.93488	
	376267.06	3784173.64	4.92502
376290.84	3784167.91	4.89797	
	376314.61	3784162.17	4.85793
376338.38	3784156.44	4.81550	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
376362.16	3784150.70	4.77051		
376385.93	3784144.97	4.72666		
376409.71	3784139.23	4.67984		
376433.48	3784133.50	4.63448		
376457.26	3784127.76	4.58799		
376481.03	3784122.03	4.54124		
376504.81	3784116.29	4.50609		
376528.58	3784110.56	4.42738		
376552.35	3784104.82	4.32111		
376576.13	3784099.09	4.14988		
376599.90	3784093.35	3.97062		
376623.68	3784087.62	3.82939		
376647.45	3784081.88	3.76876		
376690.93	3784077.61	3.17322		
376714.32	3784075.19	2.87067		
376737.70	3784072.78	2.59882		
376757.27	3784048.34	3.35860		
376779.57	3784041.17	3.38602		
376803.69	3784035.34	3.31443		
376827.80	3784029.50	3.27217		
376851.92	3784023.66	3.23958		
376876.03	3784017.83	3.18699		
376900.15	3784011.99	3.15523		
376924.26	3784006.15	3.15085		
376948.38	3784000.32	3.08593		
376972.50	3783994.48	3.00087		
376996.61	3783988.64	2.90017		
377020.73	3783982.81	2.82917		

	377044.84	3783976.97	2.80646
377068.96	3783971.13	2.72960	
	377093.07	3783965.29	2.68430
377117.19	3783959.46	2.67357	
	377141.30	3783953.62	2.63443
377165.42	3783947.78	2.60032	
	377189.54	3783941.95	2.60522
377213.65	3783936.11	2.59723	
	377237.77	3783930.27	2.58239
377261.88	3783924.44	2.55595	
	377286.00	3783918.60	2.50603
377310.11	3783912.76	2.47605	
	377334.23	3783906.93	2.46345
377358.34	3783901.09	2.44969	
	377382.46	3783895.25	2.43257
377406.57	3783889.42	2.41178	
	377430.69	3783883.58	2.38820
377454.81	3783877.74	2.35378	
	377478.92	3783871.90	2.33695
377503.04	3783866.07	2.29865	
	377527.15	3783860.23	2.26968
377551.27	3783854.39	2.24684	
	377575.38	3783848.56	2.21509
377599.50	3783842.72	2.20483	
	377623.61	3783836.88	2.16270
377647.73	3783831.05	2.17034	
	377671.84	3783825.21	2.13596
377695.96	3783819.37	2.05280	
	377720.08	3783813.54	1.94406
377744.19	3783807.70	1.84404	
	377767.59	3783800.39	1.78562
377789.36	3783793.54	1.73008	
	377811.14	3783786.69	1.64864
377832.91	3783779.83	1.45320	
	377854.68	3783772.98	1.12488
377876.46	3783766.12	0.84490	
	377898.23	3783759.27	0.70095
377920.01	3783752.42	0.61551	
	377936.22	3783720.67	0.59651
377923.32	3783681.95	0.64900	
	377893.63	3783647.57	0.64338
377865.94	3783654.62	0.73769	
	377830.45	3783669.14	0.91259
377792.88	3783681.17	1.01737	
	377769.71	3783687.03	1.04916
377746.55	3783692.90	1.07176	
	377723.38	3783698.76	1.09219
377700.21	3783704.63	1.11286	
	377677.05	3783710.49	1.13679
377653.88	3783716.36	1.15103	
	377630.71	3783722.22	1.16293
377607.55	3783728.09	1.16619	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
377584.38	3783733.95	1.17953		
377561.21	3783739.81	1.18275		
377528.65	3783739.05	1.10193		
377498.88	3783735.94	1.02265		
377470.57	3783748.54	1.07807		
377440.59	3783769.05	1.22050		
377417.13	3783762.74	1.10184		
377372.35	3783779.76	1.17394		
377365.90	3783802.34	1.47246		
377340.07	3783796.67	1.28382		
377335.91	3783818.89	1.70018		
377309.92	3783797.84	1.21147		
377285.40	3783799.77	1.17497		
377260.89	3783801.70	1.13307		
377236.37	3783803.64	1.09953		
377213.83	3783823.65	1.25889		
377182.71	3783837.83	1.36484		
377152.32	3783835.82	1.23833		
377128.67	3783835.82	1.19102		
377105.01	3783835.82	1.15715		
377081.35	3783835.82	1.12892		
377057.70	3783835.82	1.11716		
377036.36	3783851.98	1.19936		
377014.32	3783845.56	1.16551		
376991.52	3783861.35	1.24191		
376987.54	3783886.62	1.44738		
376967.38	3783874.53	1.30893		
376931.90	3783877.75	1.28291		

	376912.08	3783889.86	1.35892
376887.82	3783890.65	1.31189	
	376842.39	3783915.65	1.48785
376867.39	3783910.01	1.49275	
	376812.38	3783917.06	1.44319
376789.38	3783917.59	1.43569	
	376750.62	3783926.46	1.53842
376713.39	3783939.68	1.75679	
	376743.26	3783957.97	2.01792
376711.08	3783913.27	1.46822	
	376667.21	3783915.86	1.50293
376623.34	3783918.44	1.49605	
	376577.88	3783944.69	1.68782
376577.88	3783967.27	2.00719	
	376601.22	3783942.33	1.70176
376552.83	3783945.55	1.66826	
	376528.64	3783947.16	1.66557
376504.45	3783948.78	1.67924	
	376484.48	3783965.18	1.78133
376443.19	3783977.45	1.89224	
	376448.05	3783955.17	1.67345
376406.12	3783955.17	1.58639	
	376381.46	3783976.05	1.75031
376339.18	3783996.30	1.88814	
	376339.18	3784018.88	2.20942
376362.87	3783993.91	1.92842	
	376301.59	3783997.13	1.77645
376281.33	3784013.50	1.92432	
	376255.96	3784013.29	1.85985
376219.03	3784013.23	1.80576	
	376197.69	3784029.39	1.92516
376159.36	3784038.71	1.95866	
	376131.94	3784035.81	1.88848
376110.60	3784051.97	2.00830	
	376091.55	3784076.54	2.25237
376066.48	3784074.12	2.23958	
	376059.15	3784032.65	1.97151
376015.06	3784035.87	2.32584	
	375970.98	3784039.10	2.44945
375926.90	3784042.33	2.28374	
	375903.83	3784069.63	2.54481
375905.98	3784092.21	2.99798	
	375908.13	3784114.79	3.63301
375910.28	3784137.37	4.63998	
	375881.58	3784125.52	3.66671
375858.50	3784132.72	3.57683	
	375835.43	3784139.91	3.45472
375812.35	3784147.11	3.27145	
	375789.28	3784154.31	3.02783
375766.20	3784161.50	2.75783	
	375743.12	3784168.70	2.57324
375720.05	3784175.89	2.48314	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
375696.97	3784183.09	2.32309		
375673.90	3784190.28	2.06276		
375650.82	3784197.48	1.86931		
375627.75	3784204.67	1.72353		
375610.22	3784227.29	1.77672		
375608.07	3784270.30	2.42472		
375577.09	3784283.66	2.19547		
375553.30	3784290.92	1.98318		
375529.51	3784298.18	1.80321		
375505.72	3784305.44	1.62677		
375481.93	3784312.69	1.46632		
375458.14	3784319.95	1.30511		
375434.35	3784327.21	1.19546		
375416.71	3784349.40	1.19019		
375415.09	3784372.78	1.30349		
375413.48	3784396.17	1.42075		
375411.86	3784419.55	1.56827		
375410.25	3784442.94	1.73808		
375435.19	3784469.66	2.42253		
375458.58	3784469.66	3.02538		
375481.96	3784469.66	4.03923		
375505.35	3784469.66	6.05053		
375478.42	3784493.56	4.73713		
375459.99	3784533.20	4.39671		
375441.56	3784572.83	4.01970		
375460.12	3784558.71	4.47964		
375402.05	3784568.38	2.86361		
375381.16	3784593.04	2.53728		

	375381.16	3784617.77	2.68308
375381.16	3784642.50	3.06106	
	375381.16	3784667.23	3.79212
375397.32	3784688.57	6.34907	
	375422.29	3784692.23	11.76087
375395.03	3784728.10	7.48966	
	375388.58	3784750.68	6.47230
375400.65	3784779.50	5.74551	
	375436.13	3784798.86	5.94492
375423.50	3784772.44	7.13590	
	375414.90	3784819.75	4.56785
375410.60	3784843.40	3.83143	
	375406.30	3784867.05	3.27823
375402.00	3784890.71	2.85757	
	375397.70	3784914.36	2.52898
375393.40	3784938.02	2.26809	
	375389.10	3784961.67	2.06594
375384.80	3784985.33	1.89484	
	375380.49	3785008.98	1.74167
375376.19	3785032.63	1.62348	
	375371.89	3785056.29	1.52942
375342.46	3785060.76	1.40613	
	375301.21	3785057.55	1.28081
375255.36	3785083.51	1.15166	
	375255.52	3785107.38	1.14128
375255.68	3785131.25	1.14619	
	375255.85	3785155.12	1.16522
375256.01	3785178.99	1.19440	
	375256.17	3785202.86	1.23559
375256.33	3785226.73	1.27930	
	375256.49	3785250.60	1.31770
375256.65	3785274.47	1.35649	
	375256.81	3785298.34	1.39831
375256.98	3785322.21	1.43857	
	375257.14	3785346.08	1.48280
375257.30	3785369.95	1.53268	
	375257.46	3785393.82	1.59131
375257.62	3785417.69	1.65437	
	375257.78	3785441.56	1.72930
375257.94	3785465.43	1.78626	
	375258.11	3785489.30	1.86077
375258.27	3785513.17	1.95243	
	375258.43	3785537.04	1.98927
375258.59	3785560.91	2.05865	
	375252.41	3785600.37	2.03598
375245.96	3785643.69	1.97866	
	375239.51	3785687.01	1.86311
375215.85	3785687.35	1.59597	
	375193.27	3785687.35	1.36262
375168.27	3785711.95	1.16742	
	375167.91	3785734.53	1.15990
375167.56	3785757.11	1.11977	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
375167.20	3785779.69	1.04694		
375166.84	3785802.27	0.95039		
375166.48	3785824.85	0.84570		
375166.12	3785847.43	0.74702		
375165.76	3785870.00	0.66473		
375165.40	3785892.58	0.60624		
375165.04	3785915.16	0.56914		
375188.37	3785940.50	0.55063		
375212.57	3785942.12	0.56769		
375208.66	3785982.26	0.52359		
375212.77	3786021.88	0.49179		
375236.96	3786050.91	0.48242		
375261.15	3786079.94	0.46624		
375296.56	3786082.98	0.47183		
375314.95	3786067.34	0.48617		
375333.33	3786051.69	0.50035		
375351.72	3786036.05	0.51297		
375370.11	3786020.40	0.52188		
375388.49	3786004.76	0.52989		
375406.88	3785989.11	0.53551		
375425.27	3785973.47	0.54114		
375443.65	3785957.82	0.55102		
375462.04	3785942.18	0.57178		
375480.43	3785926.54	0.60515		
375498.81	3785910.89	0.63510		
375517.20	3785895.25	0.65015		
375535.59	3785879.60	0.64790		
375553.97	3785863.96	0.63862		

	375572.36	3785848.31	0.62747
375590.74	3785832.67	0.61940	
	375609.13	3785817.02	0.61259
375627.52	3785801.38	0.60435	
	375645.90	3785785.73	0.59850
375664.29	3785770.09	0.59224	
	375672.98	3785748.72	0.60550
375669.11	3785707.43	0.66248	
	375663.30	3785645.50	0.75052
375280.36	3786063.94	0.48474	
	375231.98	3786005.88	0.51602
375238.43	3785918.79	0.61999	
	375190.04	3785915.56	0.58564
375193.27	3785712.35	1.38112	
	375261.01	3785712.35	2.06798
375283.59	3785560.74	3.01330	
	375280.36	3785083.34	1.19821
375367.46	3785080.12	1.47056	
	375367.46	3785060.76	1.49836
375396.49	3785060.76	1.61415	
	375448.10	3784776.91	7.80024
375412.62	3784757.55	7.79123	
	375438.42	3784667.23	16.44360
375406.16	3784667.23	6.04734	
	375406.16	3784593.04	3.16065
375464.23	3784583.37	5.02991	
	375528.74	3784444.66	7.14101
375435.19	3784444.66	2.07712	
	375441.65	3784351.12	1.36054
375631.96	3784293.06	3.96218	
	375635.19	3784228.54	2.04562
375935.17	3784135.00	5.19844	
	375928.72	3784067.26	2.67208
376060.97	3784057.58	2.12422	
	376064.20	3784102.74	2.58003
376083.55	3784099.52	2.57672	
	376086.78	3784086.61	2.37467
376119.03	3784083.39	2.45445	
	376115.81	3784070.49	2.23596
376131.94	3784070.49	2.28388	
	376131.94	3784060.81	2.14966
376180.32	3784060.81	2.29416	
	376180.32	3784047.91	2.10305
376219.03	3784051.13	2.28948	
	376219.03	3784038.23	2.07023
376257.74	3784038.23	2.23472	
	376302.90	3784035.00	2.36222
376302.90	3784022.10	2.13866	
	376364.18	3784018.88	2.28970
376364.18	3783996.30	1.96133	
	376402.89	3783999.52	2.09989
376406.12	3783980.17	1.86083	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
376448.05	3783980.17	1.91956		
376448.05	3784002.75	2.25674		
376464.18	3784002.75	2.33943		
376464.18	3783986.62	2.01609		
376506.11	3783989.84	2.22250		
376506.11	3783973.72	1.91174		
376602.88	3783967.27	2.09851		
376602.88	3783944.69	1.73146		
376712.55	3783938.23	1.73835		
376719.01	3783964.04	2.17738		
376760.94	3783954.36	1.95148		
376770.62	3783941.46	1.71371		
376822.23	3783944.69	1.97825		
376828.68	3783935.01	1.77401		
376867.39	3783935.01	1.92595		
376867.39	3783915.65	1.57824		
376928.67	3783915.65	1.72856		
376931.90	3783902.75	1.52468		
376960.93	3783902.75	1.60681		
376967.38	3783899.53	1.57735		
376999.64	3783899.53	1.74337		
376999.64	3783886.62	1.48429		
377012.54	3783886.62	1.53287		
377012.54	3783870.50	1.32104		
377057.70	3783873.72	1.48462		
377057.70	3783860.82	1.30687		
377199.63	3783860.82	2.03707		
377202.85	3783851.14	1.72418		

	377235.11	3783844.69	1.75510
377238.34	3783828.56	1.40290	
	377360.91	3783818.89	1.95193
377360.91	3783805.98	1.52176	
	377389.94	3783809.21	1.84324
377396.39	3783786.63	1.32048	
	377454.46	3783789.85	1.71499
377473.81	3783776.95	1.48341	
	377496.39	3783760.82	1.26738
377528.65	3783764.05	1.48977	
	377567.35	3783764.05	1.81585
377822.18	3783699.54	1.46246	
	377893.15	3783670.50	0.71531
377912.50	3783728.57	0.70271	
	377738.31	3783783.40	3.27881
376725.46	3784028.55	6.51366	
	376735.13	3784047.91	3.84728
376641.59	3784057.58	6.15498	
	375999.68	3784212.42	18.36969
376006.14	3784228.54	12.92585	
	375960.98	3784228.54	20.29263
375967.43	3784251.12	12.59186	
	375870.66	3784251.12	19.73942
375877.11	3784264.03	16.48293	
	375819.05	3784267.25	10.87492
375815.82	3784334.99	8.85162	
	375767.44	3784341.44	18.23824
375760.99	3784405.95	9.07041	
	375683.57	3784412.41	11.25512
375664.22	3784454.34	13.23475	
	375670.67	3785618.80	0.76931
375638.41	3785647.83	0.78971	
	375648.09	3785751.05	0.63910

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN
 **

X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
375655.13	3785666.41	79.02526	
375687.39	3785637.38	75.42408	
375695.53	3785593.89	79.42925	
375695.40	3785569.11	81.88748	
375695.26	3785544.33	84.33353	
375695.12	3785519.56	86.60252	
375694.98	3785494.78	88.22393	
375694.85	3785470.01	91.21352	
375694.71	3785445.23	93.29487	
375694.57	3785420.46	96.31727	
375694.43	3785395.68	99.17959	
375694.30	3785370.90	101.94752	
375694.16	3785346.13	104.31135	
375694.02	3785321.35	106.04995	
375693.89	3785296.58	107.65769	
375693.75	3785271.80	109.44322	
375693.61	3785247.03	111.17514	
375693.47	3785222.25	112.65781	
375693.34	3785197.47	114.76304	
375693.20	3785172.70	118.37261	
375693.06	3785147.92	121.89165	
375692.92	3785123.15	124.79696	
375692.79	3785098.37	126.88424	
375692.65	3785073.60	129.08952	
375692.51	3785048.82	131.17258	
375692.38	3785024.04	132.88966	
375692.24	3784999.27	133.98264	
375692.10	3784974.49	135.21127	

	375691.96	3784949.72	136.24024
375691.83	3784924.94	137.07926	
	375691.69	3784900.16	137.95968
375691.55	3784875.39	141.51987	
	375691.42	3784850.61	143.01745
375691.28	3784825.84	145.22406	
	375691.14	3784801.06	143.36587
375691.00	3784776.29	141.62641	
	375690.87	3784751.51	141.01081
375690.73	3784726.73	140.69594	
	375690.59	3784701.96	142.58191
375690.45	3784677.18	161.59398	
	375690.32	3784652.41	183.32036
375690.18	3784627.63	194.91002	
	375690.04	3784602.86	197.73590
375689.91	3784578.08	193.08319	
	375689.77	3784553.30	182.08164
375689.63	3784528.53	179.56600	
	375689.49	3784503.75	184.24663
375689.36	3784478.98	194.63222	
	375689.22	3784454.20	213.16620
375706.27	3784422.89	224.94879	
	375743.71	3784432.48	184.57050
375785.87	3784408.44	142.98073	
	375790.17	3784365.43	245.73520
375819.12	3784359.77	223.40631	
	375840.79	3784336.18	196.01331
375841.87	3784313.60	179.39156	
	375842.94	3784291.02	186.87051
375844.02	3784268.44	214.95480	
	375820.43	3784292.21	185.29683
375878.49	3784288.99	186.33230	
	375899.10	3784264.72	239.67139
375919.04	3784276.12	160.97160	
	375943.24	3784276.12	149.74877
375967.43	3784276.12	144.85461	
	375991.47	3784244.25	241.20629
375960.98	3784253.54	221.70520	
	376028.10	3784230.89	200.55893
376053.09	3784225.25	176.46600	
	376076.87	3784219.52	159.19912
376100.64	3784213.78	146.48211	
	376124.41	3784208.05	141.72510
376148.19	3784202.31	139.95711	
	376171.96	3784196.58	138.90741
376195.74	3784190.84	137.69645	
	376219.51	3784185.11	136.42466
376243.29	3784179.37	135.03137	
	376267.06	3784173.64	133.69113
376290.84	3784167.91	132.29315	
	376314.61	3784162.17	130.82008
376338.38	3784156.44	129.35825	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN
 **

X-COORD (M)	Y-COORD (M)	CONC	X-
376362.16	3784150.70	128.04763	
376385.93	3784144.97	127.13010	
376409.71	3784139.23	126.05631	
376433.48	3784133.50	124.86606	
376457.26	3784127.76	123.69084	
376481.03	3784122.03	122.68088	
376504.81	3784116.29	121.71984	
376528.58	3784110.56	120.77722	
376552.35	3784104.82	119.85658	
376576.13	3784099.09	118.99376	
376599.90	3784093.35	118.10883	
376623.68	3784087.62	117.23792	
376647.45	3784081.88	116.53116	
376690.93	3784077.61	112.42930	
376714.32	3784075.19	110.38630	
376737.70	3784072.78	108.39613	
376757.27	3784048.34	116.22048	
376779.57	3784041.17	116.20691	
376803.69	3784035.34	115.05385	
376827.80	3784029.50	113.68884	
376851.92	3784023.66	111.89899	
376876.03	3784017.83	110.43225	
376900.15	3784011.99	109.85817	
376924.26	3784006.15	108.81560	
376948.38	3784000.32	108.01610	
376972.50	3783994.48	106.96249	
376996.61	3783988.64	105.72375	
377020.73	3783982.81	104.43032	

	377044.84	3783976.97	103.29930
377068.96	3783971.13	101.75059	
	377093.07	3783965.29	100.36394
377117.19	3783959.46	99.17266	
	377141.30	3783953.62	97.81393
377165.42	3783947.78	96.52597	
	377189.54	3783941.95	95.36044
377213.65	3783936.11	94.21115	
	377237.77	3783930.27	93.16468
377261.88	3783924.44	92.05810	
	377286.00	3783918.60	90.69333
377310.11	3783912.76	89.51874	
	377334.23	3783906.93	88.45656
377358.34	3783901.09	87.65389	
	377382.46	3783895.25	86.73742
377406.57	3783889.42	85.79105	
	377430.69	3783883.58	84.99503
377454.81	3783877.74	83.93028	
	377478.92	3783871.90	83.12283
377503.04	3783866.07	82.21438	
	377527.15	3783860.23	81.43183
377551.27	3783854.39	80.87259	
	377575.38	3783848.56	80.22440
377599.50	3783842.72	79.51758	
	377623.61	3783836.88	78.63354
377647.73	3783831.05	78.12662	
	377671.84	3783825.21	77.49636
377695.96	3783819.37	76.73763	
	377720.08	3783813.54	76.04125
377744.19	3783807.70	75.46415	
	377767.59	3783800.39	75.53790
377789.36	3783793.54	75.68272	
	377811.14	3783786.69	75.97553
377832.91	3783779.83	76.56186	
	377854.68	3783772.98	76.95853
377876.46	3783766.12	77.29465	
	377898.23	3783759.27	78.23294
377920.01	3783752.42	76.40225	
	377936.22	3783720.67	83.80117
377923.32	3783681.95	88.76364	
	377893.63	3783647.57	79.56460
377865.94	3783654.62	80.90685	
	377830.45	3783669.14	84.24578
377792.88	3783681.17	86.11785	
	377769.71	3783687.03	86.79168
377746.55	3783692.90	87.36938	
	377723.38	3783698.76	87.85820
377700.21	3783704.63	88.31857	
	377677.05	3783710.49	89.08982
377653.88	3783716.36	89.88904	
	377630.71	3783722.22	90.49680
377607.55	3783728.09	90.91974	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:46:09

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN
 **

X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
377584.38	3783733.95	91.51722	
377561.21	3783739.81	92.39266	
377528.65	3783739.05	89.90862	
377498.88	3783735.94	86.68383	
377470.57	3783748.54	89.38384	
377440.59	3783769.05	95.58443	
377417.13	3783762.74	91.07239	
377372.35	3783779.76	94.65945	
377365.90	3783802.34	104.00953	
377340.07	3783796.67	99.33686	
377335.91	3783818.89	108.72088	
377309.92	3783797.84	97.36264	
377285.40	3783799.77	96.56420	
377260.89	3783801.70	95.92920	
377236.37	3783803.64	95.56898	
377213.83	3783823.65	101.19836	
377182.71	3783837.83	104.87523	
377152.32	3783835.82	102.56631	
377128.67	3783835.82	101.75880	
377105.01	3783835.82	101.27532	
377081.35	3783835.82	101.04936	
377057.70	3783835.82	100.99095	
377036.36	3783851.98	104.51102	
377014.32	3783845.56	103.29875	
376991.52	3783861.35	106.31400	
376987.54	3783886.62	111.11389	
376967.38	3783874.53	108.60137	
376931.90	3783877.75	109.37272	

	376912.08	3783889.86	111.55825
376887.82	3783890.65	112.06981	
	376842.39	3783915.65	117.19822
376867.39	3783910.01	115.77444	
	376812.38	3783917.06	118.36889
376789.38	3783917.59	118.69600	
	376750.62	3783926.46	121.10070
376713.39	3783939.68	124.16053	
	376743.26	3783957.97	129.23415
376711.08	3783913.27	118.35137	
	376667.21	3783915.86	118.39057
376623.34	3783918.44	118.95623	
	376577.88	3783944.69	122.87020
376577.88	3783967.27	127.20881	
	376601.22	3783942.33	122.50542
376552.83	3783945.55	123.12888	
	376528.64	3783947.16	123.93710
376504.45	3783948.78	124.99687	
	376484.48	3783965.18	126.66630
376443.19	3783977.45	128.95045	
	376448.05	3783955.17	127.75632
376406.12	3783955.17	129.56019	
	376381.46	3783976.05	131.45863
376339.18	3783996.30	134.10137	
	376339.18	3784018.88	135.01115
376362.87	3783993.91	133.04639	
	376301.59	3783997.13	135.81546
376281.33	3784013.50	137.16352	
	376255.96	3784013.29	138.26486
376219.03	3784013.23	139.79382	
	376197.69	3784029.39	140.66894
376159.36	3784038.71	142.92513	
	376131.94	3784035.81	154.98706
376110.60	3784051.97	165.92167	
	376091.55	3784076.54	176.88195
376066.48	3784074.12	196.95645	
	376059.15	3784032.65	197.12173
376015.06	3784035.87	210.26908	
	375970.98	3784039.10	203.10445
375926.90	3784042.33	202.08155	
	375903.83	3784069.63	218.86035
375905.98	3784092.21	240.90364	
	375908.13	3784114.79	268.26445
375910.28	3784137.37	305.54599	
	375881.58	3784125.52	273.11645
375858.50	3784132.72	273.98189	
	375835.43	3784139.91	263.44885
375812.35	3784147.11	245.42044	
	375789.28	3784154.31	232.45072
375766.20	3784161.50	235.16821	
	375743.12	3784168.70	249.51790
375720.05	3784175.89	262.68517	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:46:09

PAGE 30

*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN
 **

X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
375696.97	3784183.09	239.02553	
375673.90	3784190.28	197.16251	
375650.82	3784197.48	173.98892	
375627.75	3784204.67	167.29076	
375610.22	3784227.29	171.00942	
375608.07	3784270.30	205.94134	
375577.09	3784283.66	189.99260	
375553.30	3784290.92	187.22914	
375529.51	3784298.18	170.37054	
375505.72	3784305.44	159.11663	
375481.93	3784312.69	149.00152	
375458.14	3784319.95	143.52127	
375434.35	3784327.21	140.57795	
375416.71	3784349.40	140.60564	
375415.09	3784372.78	140.58760	
375413.48	3784396.17	141.19535	
375411.86	3784419.55	142.00323	
375410.25	3784442.94	147.25929	
375435.19	3784469.66	176.55004	
375458.58	3784469.66	195.04398	
375481.96	3784469.66	219.10853	
375505.35	3784469.66	268.65514	
375478.42	3784493.56	243.03512	
375459.99	3784533.20	252.43515	
375441.56	3784572.83	310.32431	
375460.12	3784558.71	288.31471	
375402.05	3784568.38	263.03912	
375381.16	3784593.04	226.10126	

	375381.16	3784617.77	215.34277
375381.16	3784642.50	188.20380	
	375381.16	3784667.23	220.65746
375397.32	3784688.57	288.67483	
	375422.29	3784692.23	438.29450
375395.03	3784728.10	378.84285	
	375388.58	3784750.68	364.72247
375400.65	3784779.50	351.34027	
	375436.13	3784798.86	292.67568
375423.50	3784772.44	353.16013	
	375414.90	3784819.75	265.95563
375410.60	3784843.40	237.48233	
	375406.30	3784867.05	221.90874
375402.00	3784890.71	209.13787	
	375397.70	3784914.36	196.67184
375393.40	3784938.02	186.69688	
	375389.10	3784961.67	175.50624
375384.80	3784985.33	165.09187	
	375380.49	3785008.98	156.57156
375376.19	3785032.63	150.57745	
	375371.89	3785056.29	146.52748
375342.46	3785060.76	146.96502	
	375301.21	3785057.55	142.36776
375255.36	3785083.51	139.97622	
	375255.52	3785107.38	138.53808
375255.68	3785131.25	136.62936	
	375255.85	3785155.12	134.26036
375256.01	3785178.99	133.87730	
	375256.17	3785202.86	133.25392
375256.33	3785226.73	132.76922	
	375256.49	3785250.60	131.94596
375256.65	3785274.47	131.75785	
	375256.81	3785298.34	131.47073
375256.98	3785322.21	131.08231	
	375257.14	3785346.08	130.71444
375257.30	3785369.95	130.13073	
	375257.46	3785393.82	129.39298
375257.62	3785417.69	128.56260	
	375257.78	3785441.56	127.74243
375257.94	3785465.43	127.42734	
	375258.11	3785489.30	127.13638
375258.27	3785513.17	127.69049	
	375258.43	3785537.04	128.32062
375258.59	3785560.91	129.08993	
	375252.41	3785600.37	128.93965
375245.96	3785643.69	129.36515	
	375239.51	3785687.01	130.01542
375215.85	3785687.35	122.05949	
	375193.27	3785687.35	116.84624
375168.27	3785711.95	115.42847	
	375167.91	3785734.53	114.43000
375167.56	3785757.11	113.75751	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:46:09

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN
 **

X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
375167.20	3785779.69	113.40268	
375166.84	3785802.27	113.46392	
375166.48	3785824.85	113.96679	
375166.12	3785847.43	114.21469	
375165.76	3785870.00	114.18536	
375165.40	3785892.58	114.13364	
375165.04	3785915.16	114.50895	
375188.37	3785940.50	123.57711	
375212.57	3785942.12	127.03806	
375208.66	3785982.26	124.82560	
375212.77	3786021.88	122.99351	
375236.96	3786050.91	117.27033	
375261.15	3786079.94	106.65564	
375296.56	3786082.98	97.09657	
375314.95	3786067.34	99.56586	
375333.33	3786051.69	99.30948	
375351.72	3786036.05	96.01627	
375370.11	3786020.40	90.90984	
375388.49	3786004.76	85.35024	
375406.88	3785989.11	82.09202	
375425.27	3785973.47	78.88773	
375443.65	3785957.82	77.03980	
375462.04	3785942.18	75.01150	
375480.43	3785926.54	72.81484	
375498.81	3785910.89	70.37033	
375517.20	3785895.25	68.41154	
375535.59	3785879.60	67.84844	
375553.97	3785863.96	68.33856	

	375572.36	3785848.31	70.99147
375590.74	3785832.67	74.80063	
	375609.13	3785817.02	76.66156
375627.52	3785801.38	76.44561	
	375645.90	3785785.73	74.64835
375664.29	3785770.09	73.13471	
	375672.98	3785748.72	72.50025
375669.11	3785707.43	74.60912	
	375663.30	3785645.50	78.08604
375280.36	3786063.94	101.10113	
	375231.98	3786005.88	123.13088
375238.43	3785918.79	128.91015	
	375190.04	3785915.56	123.42195
375193.27	3785712.35	117.00120	
	375261.01	3785712.35	137.83466
375283.59	3785560.74	138.70158	
	375280.36	3785083.34	139.82104
375367.46	3785080.12	144.19952	
	375367.46	3785060.76	146.57079
375396.49	3785060.76	143.50455	
	375448.10	3784776.91	328.09303
375412.62	3784757.55	396.74441	
	375438.42	3784667.23	432.46421
375406.16	3784667.23	273.17951	
	375406.16	3784593.04	290.20594
375464.23	3784583.37	338.84871	
	375528.74	3784444.66	319.94657
375435.19	3784444.66	160.19577	
	375441.65	3784351.12	142.27791
375631.96	3784293.06	258.78404	
	375635.19	3784228.54	181.80929
375935.17	3784135.00	336.71636	
	375928.72	3784067.26	220.80169
376060.97	3784057.58	204.24318	
	376064.20	3784102.74	198.79745
376083.55	3784099.52	183.91349	
	376086.78	3784086.61	180.82970
376119.03	3784083.39	162.70911	
	376115.81	3784070.49	163.14394
376131.94	3784070.49	155.77937	
	376131.94	3784060.81	155.03462
376180.32	3784060.81	142.31216	
	376180.32	3784047.91	141.63824
376219.03	3784051.13	140.22798	
	376219.03	3784038.23	140.04167
376257.74	3784038.23	138.71015	
	376302.90	3784035.00	137.08431
376302.90	3784022.10	136.54141	
	376364.18	3784018.88	134.58399
376364.18	3783996.30	133.10151	
	376402.89	3783999.52	131.84808
376406.12	3783980.17	130.68120	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:46:09

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN
 **

X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
376448.05	3783980.17	128.97397	
376448.05	3784002.75	132.26271	
376464.18	3784002.75	132.48770	
376464.18	3783986.62	129.54231	
376506.11	3783989.84	130.60677	
376506.11	3783973.72	127.49087	
376602.88	3783967.27	127.87600	
376602.88	3783944.69	122.96372	
376712.55	3783938.23	123.74794	
376719.01	3783964.04	131.64327	
376760.94	3783954.36	127.73423	
376770.62	3783941.46	124.38265	
376822.23	3783944.69	123.45607	
376828.68	3783935.01	121.18031	
376867.39	3783935.01	121.37588	
376867.39	3783915.65	116.86469	
376928.67	3783915.65	117.28893	
376931.90	3783902.75	114.00932	
376960.93	3783902.75	114.57444	
376967.38	3783899.53	113.89918	
376999.64	3783899.53	115.49132	
376999.64	3783886.62	111.38679	
377012.54	3783886.62	111.81902	
377012.54	3783870.50	107.97662	
377057.70	3783873.72	109.87305	
377057.70	3783860.82	106.57731	
377199.63	3783860.82	115.75109	
377202.85	3783851.14	111.00212	

	377235.11	3783844.69	111.11083
377238.34	3783828.56	104.95383	
	377360.91	3783818.89	111.97270
377360.91	3783805.98	105.15828	
	377389.94	3783809.21	109.98806
377396.39	3783786.63	99.48493	
	377454.46	3783789.85	107.24645
377473.81	3783776.95	102.42402	
	377496.39	3783760.82	95.88187
377528.65	3783764.05	101.76273	
	377567.35	3783764.05	107.52204
377822.18	3783699.54	105.10032	
	377893.15	3783670.50	88.40889
377912.50	3783728.57	89.89114	
	377738.31	3783783.40	96.80468
376725.46	3784028.55	136.54260	
	376735.13	3784047.91	119.78994
376641.59	3784057.58	131.48222	
	375999.68	3784212.42	279.38220
376006.14	3784228.54	235.34602	
	375960.98	3784228.54	356.28190
375967.43	3784251.12	237.83842	
	375870.66	3784251.12	327.44681
375877.11	3784264.03	283.34955	
	375819.05	3784267.25	200.35777
375815.82	3784334.99	230.79010	
	375767.44	3784341.44	347.89115
375760.99	3784405.95	165.25772	
	375683.57	3784412.41	223.94411
375664.22	3784454.34	257.94390	
	375670.67	3785618.80	78.34917
375638.41	3785647.83	83.09638	
	375648.09	3785751.05	76.15561

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:46:09

PAGE 33

*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN
 **

X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
375655.13	3785666.41	50.84600	
375687.39	3785637.38	53.43030	
375695.53	3785593.89	55.14547	
375695.40	3785569.11	56.55339	
375695.26	3785544.33	58.15065	
375695.12	3785519.56	59.21613	
375694.98	3785494.78	60.26297	
375694.85	3785470.01	61.56498	
375694.71	3785445.23	62.98136	
375694.57	3785420.46	64.52736	
375694.43	3785395.68	65.38792	
375694.30	3785370.90	66.87481	
375694.16	3785346.13	68.91729	
375694.02	3785321.35	70.95904	
375693.89	3785296.58	73.25986	
375693.75	3785271.80	76.74442	
375693.61	3785247.03	79.57635	
375693.47	3785222.25	82.09152	
375693.34	3785197.47	86.83225	
375693.20	3785172.70	93.45022	
375693.06	3785147.92	97.87804	
375692.92	3785123.15	99.72607	
375692.79	3785098.37	103.97856	
375692.65	3785073.60	105.23417	
375692.51	3785048.82	104.91859	
375692.38	3785024.04	108.97143	
375692.24	3784999.27	113.88376	
375692.10	3784974.49	112.74735	

	375691.96	3784949.72	114.56348
375691.83	3784924.94	115.48192	
	375691.69	3784900.16	116.92987
375691.55	3784875.39	123.57277	
	375691.42	3784850.61	128.21419
375691.28	3784825.84	134.70860	
	375691.14	3784801.06	138.24086
375691.00	3784776.29	138.92217	
	375690.87	3784751.51	138.04620
375690.73	3784726.73	138.30730	
	375690.59	3784701.96	139.37560
375690.45	3784677.18	143.41894	
	375690.32	3784652.41	163.75003
375690.18	3784627.63	172.85324	
	375690.04	3784602.86	173.57101
375689.91	3784578.08	170.36906	
	375689.77	3784553.30	166.02015
375689.63	3784528.53	159.76809	
	375689.49	3784503.75	160.46694
375689.36	3784478.98	175.52533	
	375689.22	3784454.20	192.72621
375706.27	3784422.89	185.09437	
	375743.71	3784432.48	148.55604
375785.87	3784408.44	140.00487	
	375790.17	3784365.43	208.60087
375819.12	3784359.77	185.81351	
	375840.79	3784336.18	161.03605
375841.87	3784313.60	161.38801	
	375842.94	3784291.02	155.10454
375844.02	3784268.44	171.16618	
	375820.43	3784292.21	169.75852
375878.49	3784288.99	142.99190	
	375899.10	3784264.72	179.82442
375919.04	3784276.12	141.21798	
	375943.24	3784276.12	140.29045
375967.43	3784276.12	139.68592	
	375991.47	3784244.25	210.90020
375960.98	3784253.54	195.00647	
	376028.10	3784230.89	168.05724
376053.09	3784225.25	147.49796	
	376076.87	3784219.52	140.68767
376100.64	3784213.78	139.14465	
	376124.41	3784208.05	137.77368
376148.19	3784202.31	136.25490	
	376171.96	3784196.58	135.10563
376195.74	3784190.84	133.85293	
	376219.51	3784185.11	132.51446
376243.29	3784179.37	131.21489	
	376267.06	3784173.64	129.58440
376290.84	3784167.91	127.92044	
	376314.61	3784162.17	126.24343
376338.38	3784156.44	124.57484	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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 *** 00:46:09

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN
 **

X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
376362.16	3784150.70	123.03749	
376385.93	3784144.97	121.56925	
376409.71	3784139.23	120.24792	
376433.48	3784133.50	118.85760	
376457.26	3784127.76	117.83377	
376481.03	3784122.03	116.78728	
376504.81	3784116.29	115.69619	
376528.58	3784110.56	114.55878	
376552.35	3784104.82	113.52817	
376576.13	3784099.09	112.51514	
376599.90	3784093.35	111.56462	
376623.68	3784087.62	110.38552	
376647.45	3784081.88	109.61058	
376690.93	3784077.61	105.47308	
376714.32	3784075.19	103.08071	
376737.70	3784072.78	100.35607	
376757.27	3784048.34	108.47775	
376779.57	3784041.17	108.20870	
376803.69	3784035.34	107.10424	
376827.80	3784029.50	105.77885	
376851.92	3784023.66	103.28614	
376876.03	3784017.83	101.27366	
376900.15	3784011.99	99.39119	
376924.26	3784006.15	98.18914	
376948.38	3784000.32	96.58891	
376972.50	3783994.48	94.76287	
376996.61	3783988.64	92.74482	
377020.73	3783982.81	90.72370	

	377044.84	3783976.97	89.35704
377068.96	3783971.13	87.37297	
	377093.07	3783965.29	85.86799
377117.19	3783959.46	84.70702	
	377141.30	3783953.62	83.49925
377165.42	3783947.78	82.25978	
	377189.54	3783941.95	81.31937
377213.65	3783936.11	80.39276	
	377237.77	3783930.27	79.48082
377261.88	3783924.44	78.49152	
	377286.00	3783918.60	77.25708
377310.11	3783912.76	76.20707	
	377334.23	3783906.93	75.23227
377358.34	3783901.09	74.41267	
	377382.46	3783895.25	73.58159
377406.57	3783889.42	72.59976	
	377430.69	3783883.58	71.82355
377454.81	3783877.74	70.94050	
	377478.92	3783871.90	70.30504
377503.04	3783866.07	69.53691	
	377527.15	3783860.23	68.75558
377551.27	3783854.39	68.08207	
	377575.38	3783848.56	67.47816
377599.50	3783842.72	66.69924	
	377623.61	3783836.88	66.14109
377647.73	3783831.05	65.65625	
	377671.84	3783825.21	65.10066
377695.96	3783819.37	64.62427	
	377720.08	3783813.54	64.00976
377744.19	3783807.70	63.49497	
	377767.59	3783800.39	63.58533
377789.36	3783793.54	63.75367	
	377811.14	3783786.69	64.04053
377832.91	3783779.83	64.39221	
	377854.68	3783772.98	64.79027
377876.46	3783766.12	65.20217	
	377898.23	3783759.27	65.30032
377920.01	3783752.42	64.36860	
	377936.22	3783720.67	70.58813
377923.32	3783681.95	77.12341	
	377893.63	3783647.57	67.48832
377865.94	3783654.62	68.53541	
	377830.45	3783669.14	71.64383
377792.88	3783681.17	73.24960	
	377769.71	3783687.03	73.83009
377746.55	3783692.90	74.29306	
	377723.38	3783698.76	74.67435
377700.21	3783704.63	75.00546	
	377677.05	3783710.49	75.53213
377653.88	3783716.36	76.03648	
	377630.71	3783722.22	76.43384
377607.55	3783728.09	76.75788	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
377584.38	3783733.95	77.51835		
377561.21	3783739.81	77.88789		
377528.65	3783739.05	74.92197		
377498.88	3783735.94	72.31202		
377470.57	3783748.54	74.66381		
377440.59	3783769.05	80.06868		
377417.13	3783762.74	76.18051		
377372.35	3783779.76	79.32625		
377365.90	3783802.34	89.32073		
377340.07	3783796.67	83.63427		
377335.91	3783818.89	97.01724		
377309.92	3783797.84	81.80187		
377285.40	3783799.77	81.72003		
377260.89	3783801.70	81.58565		
377236.37	3783803.64	81.31245		
377213.83	3783823.65	86.74847		
377182.71	3783837.83	90.66573		
377152.32	3783835.82	88.39488		
377128.67	3783835.82	87.58635		
377105.01	3783835.82	86.95096		
377081.35	3783835.82	87.14659		
377057.70	3783835.82	87.54022		
377036.36	3783851.98	90.84399		
377014.32	3783845.56	90.04238		
376991.52	3783861.35	93.69284		
376987.54	3783886.62	100.60983		
376967.38	3783874.53	96.91395		
376931.90	3783877.75	98.31943		

	376912.08	3783889.86	101.13338
376887.82	3783890.65	102.23468	
	376842.39	3783915.65	108.19448
376867.39	3783910.01	106.61011	
	376812.38	3783917.06	109.84454
376789.38	3783917.59	110.28554	
	376750.62	3783926.46	113.31784
376713.39	3783939.68	116.76847	
	376743.26	3783957.97	122.40633
376711.08	3783913.27	110.10578	
	376667.21	3783915.86	109.87941
376623.34	3783918.44	111.12614	
	376577.88	3783944.69	115.21696
376577.88	3783967.27	120.16807	
	376601.22	3783942.33	114.32585
376552.83	3783945.55	115.70100	
	376528.64	3783947.16	116.61565
376504.45	3783948.78	118.14711	
	376484.48	3783965.18	119.91195
376443.19	3783977.45	123.08551	
	376448.05	3783955.17	120.81876
376406.12	3783955.17	122.80939	
	376381.46	3783976.05	125.19668
376339.18	3783996.30	128.54759	
	376339.18	3784018.88	130.19554
376362.87	3783993.91	127.11705	
	376301.59	3783997.13	130.98363
376281.33	3784013.50	132.61143	
	376255.96	3784013.29	134.80991
376219.03	3784013.23	137.01612	
	376197.69	3784029.39	138.50696
376159.36	3784038.71	140.41652	
	376131.94	3784035.81	142.21305
376110.60	3784051.97	149.45080	
	376091.55	3784076.54	160.54791
376066.48	3784074.12	175.57912	
	376059.15	3784032.65	170.25167
376015.06	3784035.87	181.18896	
	375970.98	3784039.10	174.67326
375926.90	3784042.33	169.58657	
	375903.83	3784069.63	183.16369
375905.98	3784092.21	204.83799	
	375908.13	3784114.79	230.33068
375910.28	3784137.37	265.17513	
	375881.58	3784125.52	233.72526
375858.50	3784132.72	229.55719	
	375835.43	3784139.91	219.55301
375812.35	3784147.11	209.36317	
	375789.28	3784154.31	202.45027
375766.20	3784161.50	206.11319	
	375743.12	3784168.70	211.69220
375720.05	3784175.89	215.42583	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_BAS_Cut_Cover_Tunnel\HSR_B-LA_BAS_Cut_ *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN
 **

X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
375696.97	3784183.09	191.52778	
375673.90	3784190.28	161.54894	
375650.82	3784197.48	141.09312	
375627.75	3784204.67	140.32301	
375610.22	3784227.29	142.21732	
375608.07	3784270.30	162.85247	
375577.09	3784283.66	167.20160	
375553.30	3784290.92	152.76010	
375529.51	3784298.18	144.43718	
375505.72	3784305.44	140.54159	
375481.93	3784312.69	138.24676	
375458.14	3784319.95	136.30129	
375434.35	3784327.21	134.57059	
375416.71	3784349.40	133.13526	
375415.09	3784372.78	134.55079	
375413.48	3784396.17	136.25609	
375411.86	3784419.55	137.90571	
375410.25	3784442.94	139.39910	
375435.19	3784469.66	146.34037	
375458.58	3784469.66	160.64953	
375481.96	3784469.66	176.31884	
375505.35	3784469.66	222.52834	
375478.42	3784493.56	193.99092	
375459.99	3784533.20	201.22394	
375441.56	3784572.83	230.61962	
375460.12	3784558.71	223.36986	
375402.05	3784568.38	192.69252	
375381.16	3784593.04	169.87494	

	375381.16	3784617.77	158.41479
375381.16	3784642.50	154.82223	
	375381.16	3784667.23	169.81943
375397.32	3784688.57	237.43916	
	375422.29	3784692.23	337.53633
375395.03	3784728.10	279.28223	
	375388.58	3784750.68	265.76750
375400.65	3784779.50	243.24603	
	375436.13	3784798.86	226.17696
375423.50	3784772.44	253.08941	
	375414.90	3784819.75	195.32261
375410.60	3784843.40	177.83996	
	375406.30	3784867.05	165.47210
375402.00	3784890.71	151.14172	
	375397.70	3784914.36	144.43986
375393.40	3784938.02	142.20483	
	375389.10	3784961.67	140.12144
375384.80	3784985.33	138.67218	
	375380.49	3785008.98	137.06405
375376.19	3785032.63	135.52945	
	375371.89	3785056.29	133.31277
375342.46	3785060.76	128.55896	
	375301.21	3785057.55	130.59929
375255.36	3785083.51	123.07735	
	375255.52	3785107.38	120.97236
375255.68	3785131.25	120.59868	
	375255.85	3785155.12	119.27308
375256.01	3785178.99	116.24025	
	375256.17	3785202.86	111.13641
375256.33	3785226.73	107.89601	
	375256.49	3785250.60	102.62186
375256.65	3785274.47	99.55764	
	375256.81	3785298.34	98.35971
375256.98	3785322.21	97.72695	
	375257.14	3785346.08	101.39523
375257.30	3785369.95	104.81982	
	375257.46	3785393.82	103.85514
375257.62	3785417.69	102.77302	
	375257.78	3785441.56	105.04287
375257.94	3785465.43	106.16426	
	375258.11	3785489.30	107.71198
375258.27	3785513.17	108.54480	
	375258.43	3785537.04	108.24687
375258.59	3785560.91	110.38843	
	375252.41	3785600.37	110.22661
375245.96	3785643.69	109.64757	
	375239.51	3785687.01	109.14556
375215.85	3785687.35	98.67501	
	375193.27	3785687.35	87.76192
375168.27	3785711.95	78.05309	
	375167.91	3785734.53	78.93325
375167.56	3785757.11	81.16220	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
375167.20	3785779.69	82.64998		
375166.84	3785802.27	84.27029		
375166.48	3785824.85	84.57886		
375166.12	3785847.43	85.14152		
375165.76	3785870.00	84.19577		
375165.40	3785892.58	83.51617		
375165.04	3785915.16	83.41140		
375188.37	3785940.50	88.88013		
375212.57	3785942.12	91.50030		
375208.66	3785982.26	88.11588		
375212.77	3786021.88	84.97767		
375236.96	3786050.91	78.13009		
375261.15	3786079.94	72.91198		
375296.56	3786082.98	65.84328		
375314.95	3786067.34	65.75466		
375333.33	3786051.69	64.28094		
375351.72	3786036.05	64.77622		
375370.11	3786020.40	63.46407		
375388.49	3786004.76	61.28810		
375406.88	3785989.11	58.83601		
375425.27	3785973.47	57.12155		
375443.65	3785957.82	54.63945		
375462.04	3785942.18	53.09426		
375480.43	3785926.54	52.17079		
375498.81	3785910.89	51.76428		
375517.20	3785895.25	51.80637		
375535.59	3785879.60	49.98916		
375553.97	3785863.96	48.33406		

	375572.36	3785848.31	47.82805
375590.74	3785832.67	47.05211	
	375609.13	3785817.02	46.21885
375627.52	3785801.38	45.76497	
	375645.90	3785785.73	46.52337
375664.29	3785770.09	46.51636	
	375672.98	3785748.72	46.91216
375669.11	3785707.43	49.41997	
	375663.30	3785645.50	52.91725
375280.36	3786063.94	71.78814	
	375231.98	3786005.88	83.52555
375238.43	3785918.79	96.84141	
	375190.04	3785915.56	91.58271
375193.27	3785712.35	89.64998	
	375261.01	3785712.35	116.51671
375283.59	3785560.74	123.53621	
	375280.36	3785083.34	126.27307
375367.46	3785080.12	131.23915	
	375367.46	3785060.76	132.98054
375396.49	3785060.76	131.89581	
	375448.10	3784776.91	263.88711
375412.62	3784757.55	283.32436	
	375438.42	3784667.23	340.47556
375406.16	3784667.23	210.12004	
	375406.16	3784593.04	209.60344
375464.23	3784583.37	275.02831	
	375528.74	3784444.66	264.33660
375435.19	3784444.66	140.86397	
	375441.65	3784351.12	136.42410
375631.96	3784293.06	216.05738	
	375635.19	3784228.54	142.60897
375935.17	3784135.00	296.13882	
	375928.72	3784067.26	188.65898
376060.97	3784057.58	177.87124	
	376064.20	3784102.74	180.40929
376083.55	3784099.52	164.64668	
	376086.78	3784086.61	162.82259
376119.03	3784083.39	145.25016	
	376115.81	3784070.49	147.01304
376131.94	3784070.49	142.46103	
	376131.94	3784060.81	142.41547
376180.32	3784060.81	139.20511	
	376180.32	3784047.91	139.67245
376219.03	3784051.13	137.24216	
	376219.03	3784038.23	137.05694
376257.74	3784038.23	134.77731	
	376302.90	3784035.00	132.68712
376302.90	3784022.10	131.67943	
	376364.18	3784018.88	129.17374
376364.18	3783996.30	127.13205	
	376402.89	3783999.52	126.12888
376406.12	3783980.17	124.15498	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): OPIT1 ,
 OPIT2 , OPIT3 , OPIT4 , OPIT5 ,
 PAREA1 , PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN
 **

X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
376448.05	3783980.17	122.64287	
376448.05	3784002.75	125.93518	
376464.18	3784002.75	126.40327	
376464.18	3783986.62	122.79432	
376506.11	3783989.84	124.13224	
376506.11	3783973.72	120.32077	
376602.88	3783967.27	120.93869	
376602.88	3783944.69	114.89123	
376712.55	3783938.23	116.32479	
376719.01	3783964.04	125.67197	
376760.94	3783954.36	120.30899	
376770.62	3783941.46	116.69354	
376822.23	3783944.69	115.39823	
376828.68	3783935.01	112.54876	
376867.39	3783935.01	113.29586	
376867.39	3783915.65	107.84776	
376928.67	3783915.65	108.58908	
376931.90	3783902.75	104.21093	
376960.93	3783902.75	104.96949	
376967.38	3783899.53	104.10804	
376999.64	3783899.53	106.72690	
376999.64	3783886.62	100.91743	
377012.54	3783886.62	101.39506	
377012.54	3783870.50	95.98798	
377057.70	3783873.72	98.68913	
377057.70	3783860.82	93.80151	
377199.63	3783860.82	106.59141	
377202.85	3783851.14	100.13092	

	377235.11	3783844.69	100.46898
377238.34	3783828.56	89.81850	
	377360.91	3783818.89	101.79787
377360.91	3783805.98	90.91671	
	377389.94	3783809.21	99.17037
377396.39	3783786.63	84.11404	
	377454.46	3783789.85	95.27347
377473.81	3783776.95	88.10458	
	377496.39	3783760.82	81.20313
377528.65	3783764.05	87.87766	
	377567.35	3783764.05	96.35328
377822.18	3783699.54	92.82374	
	377893.15	3783670.50	76.28707
377912.50	3783728.57	75.63225	
	377738.31	3783783.40	82.43471
376725.46	3784028.55	131.20466	
	376735.13	3784047.91	112.16660
376641.59	3784057.58	125.45546	
	375999.68	3784212.42	229.45883
376006.14	3784228.54	196.96118	
	375960.98	3784228.54	312.23146
375967.43	3784251.12	209.06170	
	375870.66	3784251.12	289.22612
375877.11	3784264.03	204.84406	
	375819.05	3784267.25	180.52018
375815.82	3784334.99	191.94837	
	375767.44	3784341.44	292.41363
375760.99	3784405.95	143.81751	
	375683.57	3784412.41	195.84477
375664.22	3784454.34	227.39452	
	375670.67	3785618.80	54.05996
375638.41	3785647.83	52.43759	
	375648.09	3785751.05	47.75108

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD

(43848 HRS) RESULTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN **

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

ALL	1ST HIGHEST VALUE IS	20.29263 AT (375960.98,
3784228.54,	202.00, 202.00,	1.80) DC
	2ND HIGHEST VALUE IS	19.73942 AT (375870.66,
3784251.12,	202.17, 208.36,	1.80) DC
	3RD HIGHEST VALUE IS	18.36969 AT (375999.68,
3784212.42,	202.07, 202.07,	1.80) DC
	4TH HIGHEST VALUE IS	18.23824 AT (375767.44,
3784341.44,	204.82, 204.82,	1.80) DC
	5TH HIGHEST VALUE IS	16.48293 AT (375877.11,
3784264.03,	202.75, 208.36,	1.80) DC
	6TH HIGHEST VALUE IS	16.44360 AT (375438.42,
3784667.23,	210.95, 210.95,	1.80) DC
	7TH HIGHEST VALUE IS	15.18559 AT (375899.10,
3784264.72,	202.63, 208.36,	1.80) DC
	8TH HIGHEST VALUE IS	13.23475 AT (375664.22,
3784454.34,	207.48, 207.48,	1.80) DC
	9TH HIGHEST VALUE IS	13.12445 AT (375844.02,
3784268.44,	203.03, 208.35,	1.80) DC
	10TH HIGHEST VALUE IS	12.92585 AT (376006.14,
3784228.54,	202.08, 202.08,	1.80) DC

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST MAX DAILY
 1-HR RESULTS AVERAGED OVER 5 YEARS ***

*** CONC OF NO2 IN
 MICROGRAMS/M**3

NETWORK GROUP ID	AVERAGE CONC OF TYPE	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	GRID-ID
ALL	1ST HIGHEST VALUE IS	438.29450 AT (375422.29,	
3784692.23,	211.59, 211.59,	1.80) DC	
	2ND HIGHEST VALUE IS	432.46421 AT (375438.42,	
3784667.23,	210.95, 210.95,	1.80) DC	
	3RD HIGHEST VALUE IS	396.74441 AT (375412.62,	
3784757.55,	212.21, 212.21,	1.80) DC	
	4TH HIGHEST VALUE IS	378.84285 AT (375395.03,	
3784728.10,	211.68, 211.68,	1.80) DC	
	5TH HIGHEST VALUE IS	364.72247 AT (375388.58,	
3784750.68,	211.92, 211.92,	1.80) DC	
	6TH HIGHEST VALUE IS	356.28190 AT (375960.98,	
3784228.54,	202.00, 202.00,	1.80) DC	
	7TH HIGHEST VALUE IS	353.16013 AT (375423.50,	
3784772.44,	212.94, 212.94,	1.80) DC	
	8TH HIGHEST VALUE IS	351.34027 AT (375400.65,	
3784779.50,	213.22, 213.22,	1.80) DC	
	9TH HIGHEST VALUE IS	347.89115 AT (375767.44,	
3784341.44,	204.82, 204.82,	1.80) DC	
	10TH HIGHEST VALUE IS	338.84871 AT (375464.23,	
3784583.37,	209.34, 209.34,	1.80) DC	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE SUMMARY OF MAXIMUM 8TH-HIGHEST MAX DAILY
 1-HR RESULTS AVERAGED OVER 5 YEARS ***

*** CONC OF NO2 IN
 MICROGRAMS/M**3 ***

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

ALL	1ST HIGHEST VALUE IS	340.47556 AT (375438.42,
3784667.23,	210.95, 210.95,	1.80) DC
	2ND HIGHEST VALUE IS	337.53633 AT (375422.29,
3784692.23,	211.59, 211.59,	1.80) DC
	3RD HIGHEST VALUE IS	312.23146 AT (375960.98,
3784228.54,	202.00, 202.00,	1.80) DC
	4TH HIGHEST VALUE IS	296.13882 AT (375935.17,
3784135.00,	201.53, 201.53,	1.80) DC
	5TH HIGHEST VALUE IS	292.41363 AT (375767.44,
3784341.44,	204.82, 204.82,	1.80) DC
	6TH HIGHEST VALUE IS	289.22612 AT (375870.66,
3784251.12,	202.17, 208.36,	1.80) DC
	7TH HIGHEST VALUE IS	283.32436 AT (375412.62,
3784757.55,	212.21, 212.21,	1.80) DC
	8TH HIGHEST VALUE IS	279.28223 AT (375395.03,
3784728.10,	211.68, 211.68,	1.80) DC
	9TH HIGHEST VALUE IS	275.02831 AT (375464.23,
3784583.37,	209.34, 209.34,	1.80) DC
	10TH HIGHEST VALUE IS	265.76750 AT (375388.58,
3784750.68,	211.92, 211.92,	1.80) DC

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 3 Warning Message(s)
A Total of 713 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 519 Calm Hours Identified

A Total of 194 Missing Hours Identified (0.44 Percent)

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

***** WARNING MESSAGES *****
CO W361 29 COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2
require MULTYEAR Opt
ME W186 239 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 239 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** AERMOD Finishes Successfully ***

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 12/19/2019
** File: C:\Lakes\AERMOD View\HSR_B-LA_DPM_Burbank_Bridge_Construction
Area\HSR_B-LA_DPM_Burbank_Bridge_Construction Area.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\HSR_B-
LA_Burbank_Bridge_Construction_Area\HSR_B
  MODELOPT CONC FLAT FASTAREA
  AVERTIME 24 PERIOD
  URBANOPT 104834 City_of_Burbank_Population_(2017)
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL "HSR_B-LA_DPM_Burbank_Bridge_Construction Area.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREA1 AREAPOLY 377874.461 3783698.180 0.0
** DESCRSRC At Grade Rail Track Construction Area 8
  LOCATION PAREA2 AREAPOLY 378199.715 3783359.712 0.0
** DESCRSRC Burbank Blvd Bridge Demolition
  LOCATION PAREA3 AREAPOLY 379986.152 3782036.911 0.0
** DESCRSRC Alameda Ave Bridge Demolition Area
** Source Parameters **
  SRCPARAM PAREA1 2.1975E-07 3.000 19
  AREAVERT PAREA1 377874.461 3783698.180 378005.241 3783646.413
  AREAVERT PAREA1 378139.044 3783586.046 378251.179 3783524.104
  AREAVERT PAREA1 378344.113 3783457.564 378464.123 3783342.407
  AREAVERT PAREA1 378837.108 3782935.500 379232.333 3782556.786
  AREAVERT PAREA1 379994.197 3782000.756 380013.269 3782022.553
  AREAVERT PAREA1 379585.299 3782319.403 379323.315 3782522.942
  AREAVERT PAREA1 379130.785 3782682.021 378862.084 3782943.594
  AREAVERT PAREA1 378541.987 3783303.114 378345.816 3783488.386
  AREAVERT PAREA1 378225.934 3783567.399 378095.153 3783632.790

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** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 2"
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** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 2"
```


DISCCART	378085.37	3783795.29
DISCCART	378104.10	3783778.78
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DISCCART	379764.96	3782128.26
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DISCCART	379141.78	3782549.00
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DISCCART	379083.69	3782595.53
DISCCART	379064.32	3782611.05
DISCCART	379044.96	3782626.56
DISCCART	379079.80	3782630.07
DISCCART	379012.15	3782628.78

DISCCART	378995.07	3782645.75
DISCCART	378977.99	3782662.71
DISCCART	378960.92	3782679.67
DISCCART	378943.84	3782696.63
DISCCART	378926.76	3782713.59
DISCCART	378909.69	3782730.55
DISCCART	378892.61	3782747.52
DISCCART	378875.54	3782764.48
DISCCART	378858.46	3782781.44
DISCCART	378841.38	3782798.40
DISCCART	378824.31	3782815.36
DISCCART	378807.23	3782832.32
DISCCART	378790.15	3782849.29
DISCCART	378773.08	3782866.25
DISCCART	378756.00	3782883.21
DISCCART	378738.93	3782900.17
DISCCART	378721.85	3782917.13
DISCCART	378704.77	3782934.09
DISCCART	378687.70	3782951.06
DISCCART	378670.62	3782968.02
DISCCART	378653.54	3782984.98
DISCCART	378636.47	3783001.94
DISCCART	378619.39	3783018.90
DISCCART	378613.73	3782987.24
DISCCART	378594.47	3782972.46
DISCCART	378575.22	3782957.68
DISCCART	378555.97	3782942.89
DISCCART	378536.71	3782928.11
DISCCART	378517.46	3782913.32
DISCCART	378498.21	3782898.54
DISCCART	378466.74	3782903.54
DISCCART	378453.23	3782934.31
DISCCART	378447.73	3782956.31
DISCCART	378442.23	3782978.31
DISCCART	378400.15	3782961.83
DISCCART	378377.46	3782954.95
DISCCART	378347.85	3782967.70
DISCCART	378328.60	3783006.21
DISCCART	378339.20	3783039.45
DISCCART	378359.82	3783050.45
DISCCART	378380.45	3783061.45
DISCCART	378401.08	3783072.45
DISCCART	378421.71	3783083.46
DISCCART	378442.34	3783094.46
DISCCART	378462.97	3783105.46
DISCCART	378451.58	3783128.45
DISCCART	378445.38	3783162.00
DISCCART	378436.44	3783184.01
DISCCART	378427.50	3783206.01
DISCCART	378418.56	3783228.02
DISCCART	378409.62	3783250.02
DISCCART	378400.68	3783272.03
DISCCART	378391.74	3783294.03
DISCCART	378382.80	3783316.03

DISCCART	378373.87	3783338.04
DISCCART	378364.93	3783360.04
DISCCART	378355.99	3783382.05
DISCCART	378347.05	3783404.05
DISCCART	378377.39	3783389.51
DISCCART	378356.44	3783293.59
DISCCART	378317.02	3783279.83
DISCCART	378277.60	3783266.08
DISCCART	378238.17	3783252.33
DISCCART	378213.55	3783259.38
DISCCART	378199.76	3783282.28
DISCCART	378160.31	3783297.08
DISCCART	378149.43	3783320.24
DISCCART	378117.01	3783299.50
DISCCART	378066.25	3783308.41
DISCCART	378058.00	3783330.42
DISCCART	378049.75	3783352.42
DISCCART	378021.20	3783361.32
DISCCART	378001.26	3783372.32
DISCCART	377981.31	3783383.32
DISCCART	377949.64	3783389.01
DISCCART	377931.44	3783404.78
DISCCART	377922.97	3783427.63
DISCCART	377914.51	3783450.48
DISCCART	377906.05	3783473.33
DISCCART	377897.58	3783496.18
DISCCART	377889.12	3783519.03
DISCCART	377880.66	3783541.88
DISCCART	377872.19	3783564.73
DISCCART	377863.73	3783587.58
DISCCART	377855.27	3783610.43
DISCCART	377846.81	3783633.28
DISCCART	377838.34	3783656.13
DISCCART	377829.88	3783678.98
DISCCART	377821.42	3783701.83
DISCCART	377824.07	3783733.08
DISCCART	377831.41	3783767.92
DISCCART	377871.32	3783782.43
DISCCART	377909.82	3783752.18

** END OF FENCELINE GRID RECEPTORS

** Discrete Cartesian Plant Boundary - Primary Receptors

** Plant Boundary Name PLBN1

** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"

DISCCART	377844.86	3783710.51
DISCCART	377954.88	3783413.46
DISCCART	377993.39	3783405.21
DISCCART	378073.16	3783361.20
DISCCART	378089.66	3783317.19
DISCCART	378169.42	3783341.95
DISCCART	378177.68	3783311.69
DISCCART	378207.93	3783325.44
DISCCART	378229.94	3783275.93
DISCCART	378348.21	3783317.19
DISCCART	378315.20	3783396.96

DISCCART	378370.21	3783413.46
DISCCART	378477.48	3783149.41
DISCCART	378474.73	3783083.40
DISCCART	378350.96	3783017.39
DISCCART	378370.21	3782978.88
DISCCART	378460.98	3783006.38
DISCCART	378482.98	3782918.37
DISCCART	378637.01	3783036.64
DISCCART	379046.84	3782629.56
DISCCART	379060.59	3782646.07
DISCCART	379544.68	3782258.25
DISCCART	379583.19	3782291.25
DISCCART	379995.76	3781991.45
DISCCART	380037.02	3782040.95
DISCCART	379442.91	3782481.04
DISCCART	379415.41	3782481.04
DISCCART	378854.30	3782973.38
DISCCART	378477.48	3783388.70
DISCCART	378455.48	3783446.47
DISCCART	378513.24	3783465.72
DISCCART	378488.48	3783512.48
DISCCART	378405.97	3783479.47
DISCCART	378012.65	3783826.04
DISCCART	377894.37	3783732.52
DISCCART	377855.87	3783762.77

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE KBUR_v9.SFC

PROFFILE KBUR_v9.PFL

SURFDATA 23152 2012

UAIRDATA 3190 2012

PROFBASE 236.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 24 1ST

** Auto-Generated Plotfiles

PLOTFILE 24 ALL 1ST "HSR_B-LA_DPM_BURBANK_BRIDGE_CONSTRUCTION

AREA.AD\24H1GALL.PLT" 31

PLOTFILE PERIOD ALL "HSR_B-LA_DPM_BURBANK_BRIDGE_CONSTRUCTION

AREA.AD\PE00GALL.PLT" 32

NOHEADER PLOTFILE

SUMMFILE "HSR_B-LA_DPM_Burbank_Bridge_Construction_Area.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 469 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 469 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_Burbank_Bridge_Construction_Area\HSR_B *** 12/19/19
*** AERMET - VERSION 16216 *** ***
*** 23:57:57

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** MODEL SETUP OPTIONS

SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 3 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 104834.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:

FASTAREA - Use hybrid approach to optimize AREA sources;
also applies to LINE sources (formerly TOXICS option)

ADJ_U* - Use ADJ_U* option for SBL in AERMET

CCVR_Sub - Meteorological data includes CCVR substitutions

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM_10

**Model Calculates 1 Short Term Average(s) of: 24-HR
and Calculates PERIOD Averages

**This Run Includes: 3 Source(s); 1 Source Group(s); and
308 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 3 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 0 line(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) = 236.00 ;
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 = 3.5 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: HSR_B-
LA_DPM_Burbank_Bridge_Construction Area.err

**File for Summary of Results: HSR_B-
LA_DPM_Burbank_Bridge_Construction Area.sum

```

*** AERMOD - VERSION 19191 ***    *** C:\Lakes\AERMOD View\HSR_B-
LA_Burbank_Bridge_Construction_Area\HSR_B ***    12/19/19
*** AERMET - VERSION 16216 ***    ***
***    23:57:57

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** AREAPOLY SOURCE DATA

NUMBER	NUMBER	EMISSION	RATE	LOCATION OF AREA		BASE	RELEASE
SOURCE	INIT.	URBAN	EMISSION				
OF VERTS.	PART.	(GRAMS/SEC		X	Y	ELEV.	HEIGHT
ID	SZ	SOURCE	SCALAR	VARY			
(METERS)	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	BY						
PAREA1	0	0.21975E-06	377874.5	3783698.2	236.0	3.00	
19	0.00	YES	HRDOW7				
PAREA2	0	0.15321E-05	378199.7	3783359.7	236.0	3.00	
4	0.00	YES	HRDOW7				
PAREA3	0	0.11569E-04	379986.2	3782036.9	236.0	3.00	
4	0.00	YES	HRDOW7				

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

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

ALL	PAREA1	,	PAREA2	,	PAREA3	,
-----	--------	---	--------	---	--------	---

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN

SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
104834.	PAREA1	, PAREA2 , PAREA3 ,

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 LA_Burbank_Bridge_Construction_Area\HSR_B *** 12/19/19
 *** AERMET - VERSION 16216 *** ***
 *** 23:57:57

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

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 = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = TUESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = WEDNESDY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = THURSDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = FRIDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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		

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 *** AERMET - VERSION 16216 *** ***
 *** 23:57:57

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = MONDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = TUESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = WEDNESDY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = THURSDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = FRIDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10

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		

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 LA_Burbank_Bridge_Construction_Area\HSR_B *** 12/19/19
 *** AERMET - VERSION 16216 *** ***
 *** 23:57:57

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA3 ; SOURCE TYPE = AREAPOLY :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = MONDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = TUESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = WEDNESDY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = THURSDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = FRIDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10

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		

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(378348.1, 3783877.5,	236.0,	236.0,	0.0);	(
378341.7, 3783700.4,	236.0,	236.0,	0.0);	(
(378138.6, 3783309.1,	236.0,	236.0,	0.0);	(
377969.3, 3783352.0,	236.0,	236.0,	0.0);	(
(378146.7, 3782898.1,	236.0,	236.0,	0.0);	(
378852.2, 3783736.8,	236.0,	236.0,	0.0);	(
(379808.4, 3782489.6,	236.0,	236.0,	0.0);	(
380185.4, 3782211.3,	236.0,	236.0,	0.0);	(
(380148.0, 3782124.5,	236.0,	236.0,	0.0);	(
379612.4, 3781948.0,	236.0,	236.0,	0.0);	(
(377878.9, 3783752.1,	236.0,	236.0,	0.0);	(
377912.7, 3783778.8,	236.0,	236.0,	0.0);	(
(377946.5, 3783805.6,	236.0,	236.0,	0.0);	(
377980.2, 3783832.3,	236.0,	236.0,	0.0);	(
(378029.2, 3783844.8,	236.0,	236.0,	0.0);	(
378047.9, 3783828.3,	236.0,	236.0,	0.0);	(
(378066.6, 3783811.8,	236.0,	236.0,	0.0);	(
378085.4, 3783795.3,	236.0,	236.0,	0.0);	(
(378104.1, 3783778.8,	236.0,	236.0,	0.0);	(
378122.8, 3783762.3,	236.0,	236.0,	0.0);	(
(378141.5, 3783745.8,	236.0,	236.0,	0.0);	(
378160.3, 3783729.3,	236.0,	236.0,	0.0);	(
(378179.0, 3783712.8,	236.0,	236.0,	0.0);	(
378197.7, 3783696.3,	236.0,	236.0,	0.0);	(
(378216.5, 3783679.8,	236.0,	236.0,	0.0);	(
378235.2, 3783663.3,	236.0,	236.0,	0.0);	(
(378253.9, 3783646.8,	236.0,	236.0,	0.0);	(
378272.7, 3783630.2,	236.0,	236.0,	0.0);	(
(378291.4, 3783613.8,	236.0,	236.0,	0.0);	(
378310.1, 3783597.2,	236.0,	236.0,	0.0);	(
(378328.8, 3783580.7,	236.0,	236.0,	0.0);	(
378347.6, 3783564.2,	236.0,	236.0,	0.0);	(
(378366.3, 3783547.7,	236.0,	236.0,	0.0);	(
378385.0, 3783531.2,	236.0,	236.0,	0.0);	(
(378403.8, 3783514.7,	236.0,	236.0,	0.0);	(
378422.5, 3783498.2,	236.0,	236.0,	0.0);	(
(378437.9, 3783519.2,	236.0,	236.0,	0.0);	(
378479.2, 3783535.7,	236.0,	236.0,	0.0);	(
(378503.8, 3783530.1,	236.0,	236.0,	0.0);	(
378518.8, 3783508.6,	236.0,	236.0,	0.0);	(

(378535.3, 3783477.4, 236.0, 236.0, 0.0); (

378528.8, 3783449.2, 236.0, 236.0, 0.0);

(378501.9, 3783435.6, 236.0, 236.0, 0.0); (

378500.8, 3783397.6, 236.0, 236.0, 0.0);

(378528.8, 3783369.4, 236.0, 236.0, 0.0); (

378545.1, 3783351.3, 236.0, 236.0, 0.0);

(378561.5, 3783333.3, 236.0, 236.0, 0.0); (

378577.9, 3783315.2, 236.0, 236.0, 0.0);

(378594.3, 3783297.1, 236.0, 236.0, 0.0); (

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(378659.8, 3783224.9, 236.0, 236.0, 0.0); (

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(378692.6, 3783188.8, 236.0, 236.0, 0.0); (

378709.0, 3783170.8, 236.0, 236.0, 0.0);

(378725.4, 3783152.7, 236.0, 236.0, 0.0); (

378741.8, 3783134.6, 236.0, 236.0, 0.0);

(378758.1, 3783116.6, 236.0, 236.0, 0.0); (

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(378790.9, 3783080.5, 236.0, 236.0, 0.0); (

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(378823.7, 3783044.3, 236.0, 236.0, 0.0); (

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(378856.4, 3783008.2, 236.0, 236.0, 0.0); (

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(378908.2, 3782959.3, 236.0, 236.0, 0.0); (

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(378945.6, 3782926.5, 236.0, 236.0, 0.0); (

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(378983.0, 3782893.7, 236.0, 236.0, 0.0); (

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(379020.4, 3782860.9, 236.0, 236.0, 0.0); (

379039.1, 3782844.5, 236.0, 236.0, 0.0);

(379057.8, 3782828.1, 236.0, 236.0, 0.0); (

379076.5, 3782811.6, 236.0, 236.0, 0.0);

(379095.2, 3782795.2, 236.0, 236.0, 0.0); (

379113.9, 3782778.8, 236.0, 236.0, 0.0);

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379301.0, 3782614.7, 236.0, 236.0, 0.0);

(379319.7, 3782598.3, 236.0, 236.0, 0.0); (

379338.4, 3782581.9, 236.0, 236.0, 0.0);

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

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(379394.5, 3782532.6,	236.0,	236.0,	0.0);	(
379413.2, 3782516.2,	236.0,	236.0,	0.0);	(
(379431.9, 3782499.8,	236.0,	236.0,	0.0);	(
379457.8, 3782501.1,	236.0,	236.0,	0.0);	(
(379477.6, 3782486.5,	236.0,	236.0,	0.0);	(
379497.4, 3782471.8,	236.0,	236.0,	0.0);	(
(379517.2, 3782457.1,	236.0,	236.0,	0.0);	(
379537.0, 3782442.4,	236.0,	236.0,	0.0);	(
(379556.8, 3782427.8,	236.0,	236.0,	0.0);	(
379576.6, 3782413.1,	236.0,	236.0,	0.0);	(
(379596.4, 3782398.4,	236.0,	236.0,	0.0);	(
379616.2, 3782383.8,	236.0,	236.0,	0.0);	(
(379636.0, 3782369.1,	236.0,	236.0,	0.0);	(
379655.8, 3782354.4,	236.0,	236.0,	0.0);	(
(379675.6, 3782339.8,	236.0,	236.0,	0.0);	(
379695.4, 3782325.1,	236.0,	236.0,	0.0);	(
(379715.2, 3782310.4,	236.0,	236.0,	0.0);	(
379735.0, 3782295.8,	236.0,	236.0,	0.0);	(
(379754.8, 3782281.1,	236.0,	236.0,	0.0);	(
379774.6, 3782266.4,	236.0,	236.0,	0.0);	(
(379794.5, 3782251.7,	236.0,	236.0,	0.0);	(
379814.3, 3782237.1,	236.0,	236.0,	0.0);	(
(379834.1, 3782222.4,	236.0,	236.0,	0.0);	(
379853.9, 3782207.7,	236.0,	236.0,	0.0);	(
(379873.7, 3782193.1,	236.0,	236.0,	0.0);	(
379893.5, 3782178.4,	236.0,	236.0,	0.0);	(
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379933.1, 3782149.1,	236.0,	236.0,	0.0);	(
(379952.9, 3782134.4,	236.0,	236.0,	0.0);	(
379972.7, 3782119.7,	236.0,	236.0,	0.0);	(
(379992.5, 3782105.0,	236.0,	236.0,	0.0);	(
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(380032.1, 3782075.7,	236.0,	236.0,	0.0);	(
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(380056.2, 3782024.9,	236.0,	236.0,	0.0);	(
380028.7, 3781991.9,	236.0,	236.0,	0.0);	(
(379981.1, 3781971.2,	236.0,	236.0,	0.0);	(
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(379941.8, 3781999.8, 236.0, 236.0, 0.0); (

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(379863.2, 3782056.9, 236.0, 236.0, 0.0); (

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(379823.9, 3782085.4, 236.0, 236.0, 0.0); (

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(379666.7, 3782199.6, 236.0, 236.0, 0.0); (

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(379627.4, 3782228.2, 236.0, 236.0, 0.0); (

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(379588.1, 3782256.8, 236.0, 236.0, 0.0); (

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379296.7, 3782424.9, 236.0, 236.0, 0.0);

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379258.0, 3782455.9, 236.0, 236.0, 0.0);

(379238.6, 3782471.4, 236.0, 236.0, 0.0); (

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(379199.9, 3782502.5, 236.0, 236.0, 0.0); (

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(379161.1, 3782533.5, 236.0, 236.0, 0.0); (

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(379012.1, 3782628.8, 236.0, 236.0, 0.0); (

378995.1, 3782645.8, 236.0, 236.0, 0.0);

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(378978.0, 3782662.7, 236.0, 236.0, 0.0);	(
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(378875.5, 3782764.5, 236.0, 236.0, 0.0);	(
378858.5, 3782781.4, 236.0, 236.0, 0.0);	(
(378841.4, 3782798.4, 236.0, 236.0, 0.0);	(
378824.3, 3782815.4, 236.0, 236.0, 0.0);	(
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(378613.7, 3782987.2, 236.0, 236.0, 0.0);	(
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(378277.6, 3783266.1, 236.0, 236.0, 0.0); (

378238.2, 3783252.3, 236.0, 236.0, 0.0);

(378213.5, 3783259.4, 236.0, 236.0, 0.0); (

378199.8, 3783282.3, 236.0, 236.0, 0.0);

(378160.3, 3783297.1, 236.0, 236.0, 0.0); (

378149.4, 3783320.2, 236.0, 236.0, 0.0);

(378117.0, 3783299.5, 236.0, 236.0, 0.0); (

378066.2, 3783308.4, 236.0, 236.0, 0.0);

(378058.0, 3783330.4, 236.0, 236.0, 0.0); (

378049.8, 3783352.4, 236.0, 236.0, 0.0);

(378021.2, 3783361.3, 236.0, 236.0, 0.0); (

378001.3, 3783372.3, 236.0, 236.0, 0.0);

(377981.3, 3783383.3, 236.0, 236.0, 0.0); (

377949.6, 3783389.0, 236.0, 236.0, 0.0);

(377931.4, 3783404.8, 236.0, 236.0, 0.0); (

377923.0, 3783427.6, 236.0, 236.0, 0.0);

(377914.5, 3783450.5, 236.0, 236.0, 0.0); (

377906.0, 3783473.3, 236.0, 236.0, 0.0);

(377897.6, 3783496.2, 236.0, 236.0, 0.0); (

377889.1, 3783519.0, 236.0, 236.0, 0.0);

(377880.7, 3783541.9, 236.0, 236.0, 0.0); (

377872.2, 3783564.7, 236.0, 236.0, 0.0);

(377863.7, 3783587.6, 236.0, 236.0, 0.0); (

377855.3, 3783610.4, 236.0, 236.0, 0.0);

(377846.8, 3783633.3, 236.0, 236.0, 0.0); (

377838.3, 3783656.1, 236.0, 236.0, 0.0);

(377829.9, 3783679.0, 236.0, 236.0, 0.0); (

377821.4, 3783701.8, 236.0, 236.0, 0.0);

(377824.1, 3783733.1, 236.0, 236.0, 0.0); (

377831.4, 3783767.9, 236.0, 236.0, 0.0);

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(377871.3, 3783782.4, 236.0, 236.0, 0.0);	(
377909.8, 3783752.2, 236.0, 236.0, 0.0);	(
(377844.9, 3783710.5, 236.0, 236.0, 0.0);	(
377954.9, 3783413.5, 236.0, 236.0, 0.0);	(
(377993.4, 3783405.2, 236.0, 236.0, 0.0);	(
378073.2, 3783361.2, 236.0, 236.0, 0.0);	(
(378089.7, 3783317.2, 236.0, 236.0, 0.0);	(
378169.4, 3783341.9, 236.0, 236.0, 0.0);	(
(378177.7, 3783311.7, 236.0, 236.0, 0.0);	(
378207.9, 3783325.4, 236.0, 236.0, 0.0);	(
(378229.9, 3783275.9, 236.0, 236.0, 0.0);	(
378348.2, 3783317.2, 236.0, 236.0, 0.0);	(
(378315.2, 3783397.0, 236.0, 236.0, 0.0);	(
378370.2, 3783413.5, 236.0, 236.0, 0.0);	(
(378477.5, 3783149.4, 236.0, 236.0, 0.0);	(
378474.7, 3783083.4, 236.0, 236.0, 0.0);	(
(378351.0, 3783017.4, 236.0, 236.0, 0.0);	(
378370.2, 3782978.9, 236.0, 236.0, 0.0);	(
(378461.0, 3783006.4, 236.0, 236.0, 0.0);	(
378483.0, 3782918.4, 236.0, 236.0, 0.0);	(
(378637.0, 3783036.6, 236.0, 236.0, 0.0);	(
379046.8, 3782629.6, 236.0, 236.0, 0.0);	(
(379060.6, 3782646.1, 236.0, 236.0, 0.0);	(
379544.7, 3782258.2, 236.0, 236.0, 0.0);	(
(379583.2, 3782291.2, 236.0, 236.0, 0.0);	(
379995.8, 3781991.4, 236.0, 236.0, 0.0);	(
(380037.0, 3782040.9, 236.0, 236.0, 0.0);	(
379442.9, 3782481.0, 236.0, 236.0, 0.0);	(
(379415.4, 3782481.0, 236.0, 236.0, 0.0);	(
378854.3, 3782973.4, 236.0, 236.0, 0.0);	(
(378477.5, 3783388.7, 236.0, 236.0, 0.0);	(
378455.5, 3783446.5, 236.0, 236.0, 0.0);	(
(378513.2, 3783465.7, 236.0, 236.0, 0.0);	(
378488.5, 3783512.5, 236.0, 236.0, 0.0);	(
(378406.0, 3783479.5, 236.0, 236.0, 0.0);	(
378012.6, 3783826.0, 236.0, 236.0, 0.0);	(
(377894.4, 3783732.5, 236.0, 236.0, 0.0);	(
377855.9, 3783762.8, 236.0, 236.0, 0.0);	(

8.23, 10.80, 1.54, 3.09, 5.14,

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF

METEOROLOGICAL DATA ***

Surface file: KBUR_v9.SFC
 Met Version: 16216
 Profile file: KBUR_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 23152 Upper air station no.:
 3190
 Name: UNKNOWN Name:
 UNKNOWN Year: 2012 Year:
 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0
BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT					
12	01	01	1	01	-23.4	0.241	-9.000	-9.000	-999.	285.	64.1	0.16	
3.02	1.00			2.45	359.	7.9	286.4	2.0					
12	01	01	1	02	-11.3	0.143	-9.000	-9.000	-999.	134.	23.1	0.16	
3.02	1.00			1.50	289.	7.9	284.9	2.0					
12	01	01	1	03	-4.8	0.092	-9.000	-9.000	-999.	68.	14.5	0.16	
3.02	1.00			0.99	300.	7.9	283.8	2.0					
12	01	01	1	04	-8.1	0.121	-9.000	-9.000	-999.	100.	19.1	0.16	
3.02	1.00			1.28	295.	7.9	284.2	2.0					
12	01	01	1	05	-2.9	0.074	-9.000	-9.000	-999.	49.	12.3	0.16	
3.02	1.00			0.75	323.	7.9	282.5	2.0					
12	01	01	1	06	-11.3	0.143	-9.000	-9.000	-999.	130.	23.0	0.16	
3.02	1.00			1.50	306.	7.9	283.1	2.0					
12	01	01	1	07	-16.9	0.176	-9.000	-9.000	-999.	178.	34.3	0.16	
3.02	1.00			1.82	315.	7.9	284.9	2.0					
12	01	01	1	08	-8.8	0.134	-9.000	-9.000	-999.	118.	24.3	0.16	
3.02	0.55			1.40	323.	7.9	287.0	2.0					
12	01	01	1	09	36.3	0.171	0.339	0.008	38.	169.	-12.2	0.16	
3.02	0.32			1.31	23.	7.9	288.8	2.0					
12	01	01	1	10	110.9	0.119	0.729	0.009	124.	99.	-1.4	0.16	
3.02	0.24			0.62	163.	7.9	292.0	2.0					
12	01	01	1	11	165.2	0.157	1.185	0.005	358.	149.	-2.1	0.16	
3.02	0.21			0.89	112.	7.9	296.4	2.0					
12	01	01	1	12	192.9	0.184	1.540	0.005	672.	189.	-2.8	0.16	
3.02	0.20			1.11	225.	7.9	299.2	2.0					
12	01	01	1	13	192.1	0.199	1.840	0.005	1152.	213.	-3.6	0.16	
3.02	0.20			1.26	250.	7.9	299.9	2.0					

12	01	01	1	14	164.6	0.270	1.886	0.005	1447.	337.	-10.6	0.16
3.02		0.21			2.03	273.	7.9	300.4	2.0			
12	01	01	1	15	111.1	0.289	1.699	0.005	1566.	373.	-19.3	0.16
3.02		0.25			2.35	270.	7.9	300.4	2.0			
12	01	01	1	16	35.3	0.338	1.167	0.005	1596.	472.	-96.9	0.16
3.02		0.33			3.12	289.	7.9	298.8	2.0			
12	01	01	1	17	-20.8	0.255	-9.000	-9.000	-999.	312.	71.4	0.16
3.02		0.60			2.57	318.	7.9	296.4	2.0			
12	01	01	1	18	-35.0	0.369	-9.000	-9.000	-999.	538.	149.9	0.16
3.02		1.00			3.68	320.	7.9	293.8	2.0			
12	01	01	1	19	-27.7	0.291	-9.000	-9.000	-999.	380.	93.2	0.16
3.02		1.00			2.93	345.	7.9	292.0	2.0			
12	01	01	1	20	-20.7	0.216	-9.000	-9.000	-999.	243.	51.2	0.16
3.02		1.00			2.20	325.	7.9	290.4	2.0			
12	01	01	1	21	-8.5	0.124	-9.000	-9.000	-999.	108.	19.8	0.16
3.02		1.00			1.31	359.	7.9	288.1	2.0			
12	01	01	1	22	-7.4	0.116	-9.000	-9.000	-999.	94.	18.4	0.16
3.02		1.00			1.23	304.	7.9	287.5	2.0			
12	01	01	1	23	-6.3	0.106	-9.000	-9.000	-999.	82.	16.7	0.16
3.02		1.00			1.13	314.	7.9	285.9	2.0			
12	01	01	1	24	-19.7	0.203	-9.000	-9.000	-999.	220.	45.5	0.16
3.02		1.00			2.08	319.	7.9	287.0	2.0			

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	359.	2.45	286.5	99.0	-99.00	-99.00

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

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10 IN
			**
X-COORD (M)	Y-COORD (M)	CONC	X-
378348.12	3783877.51	0.02718	
378341.72	3783700.39	0.06557	
378138.62	3783309.07	0.02724	
377969.26	3783352.04	0.01291	
378146.72	3782898.12	0.00630	
378852.20	3783736.85	0.01059	
379808.37	3782489.56	0.02066	
380185.40	3782211.28	0.01673	
380147.99	3782124.50	0.03002	
379612.38	3781947.96	0.00944	
377878.86	3783752.13	0.05016	
377912.66	3783778.85	0.03992	
377946.45	3783805.57	0.03021	
377980.25	3783832.29	0.02719	
378029.18	3783844.80	0.02731	
378047.91	3783828.29	0.02982	
378066.64	3783811.79	0.03258	
378085.37	3783795.29	0.03564	
378104.10	3783778.78	0.03910	
378122.83	3783762.28	0.04306	
378141.55	3783745.78	0.04773	
378160.28	3783729.27	0.05331	
378179.01	3783712.77	0.05996	
378197.74	3783696.27	0.06763	
378216.47	3783679.76	0.07621	
378235.20	3783663.26	0.08581	
378253.93	3783646.76	0.09687	
378272.66	3783630.25	0.10983	
378291.39	3783613.75	0.12546	
378310.12	3783597.25	0.14465	

	378328.85	3783580.74	0.16802
378347.58	3783564.24	0.19858	
	378366.31	3783547.74	0.24558
378385.04	3783531.23	0.32890	
	378403.77	3783514.73	0.47296
378422.50	3783498.23	0.79755	
	378437.94	3783519.19	0.49999
378479.19	3783535.69	0.25521	
	378503.83	3783530.06	0.15616
378518.83	3783508.59	0.15585	
	378535.33	3783477.42	0.15910
378528.80	3783449.21	0.19199	
	378501.89	3783435.59	0.27103
378500.84	3783397.60	0.21780	
	378528.76	3783369.38	0.15943
378545.15	3783351.33	0.14555	
	378561.53	3783333.27	0.13688
378577.91	3783315.21	0.12915	
	378594.30	3783297.15	0.12267
378610.68	3783279.10	0.11676	
	378627.06	3783261.04	0.11074
378643.45	3783242.98	0.10651	
	378659.83	3783224.92	0.10295
378676.21	3783206.87	0.09932	
	378692.60	3783188.81	0.09577
378708.98	3783170.75	0.09287	
	378725.36	3783152.70	0.09064
378741.75	3783134.64	0.08877	
	378758.13	3783116.58	0.08683
378774.51	3783098.52	0.08464	
	378790.90	3783080.47	0.08188
378807.28	3783062.41	0.07863	
	378823.66	3783044.35	0.07573
378840.05	3783026.29	0.07443	
	378856.43	3783008.24	0.07432
378872.81	3782990.18	0.07306	
	378908.20	3782959.35	0.06772
378926.90	3782942.94	0.06433	
	378945.60	3782926.53	0.06177
378964.31	3782910.12	0.06015	
	378983.01	3782893.70	0.05838
379001.71	3782877.29	0.05662	
	379020.42	3782860.88	0.05514
379039.12	3782844.47	0.05344	
	379057.83	3782828.06	0.05208
379076.53	3782811.65	0.05174	
	379095.23	3782795.24	0.05219
379113.94	3782778.82	0.05289	
	379132.64	3782762.41	0.05341
379151.34	3782746.00	0.05380	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10 IN
			**
X-COORD (M)	Y-COORD (M)	CONC	X-
379170.05	3782729.59	0.05381	
379188.75	3782713.18	0.05285	
379207.45	3782696.77	0.05230	
379226.16	3782680.36	0.05195	
379244.86	3782663.95	0.05167	
379263.57	3782647.53	0.05139	
379282.27	3782631.12	0.05166	
379300.97	3782614.71	0.05324	
379319.68	3782598.30	0.05514	
379338.38	3782581.89	0.05660	
379357.08	3782565.48	0.05678	
379375.79	3782549.07	0.05620	
379394.49	3782532.65	0.05641	
379413.19	3782516.24	0.05681	
379431.90	3782499.83	0.05675	
379457.79	3782501.13	0.04342	
379477.59	3782486.46	0.04228	
379497.40	3782471.79	0.04174	
379517.20	3782457.12	0.04188	
379537.01	3782442.45	0.04253	
379556.81	3782427.78	0.04351	
379576.61	3782413.11	0.04439	
379596.42	3782398.44	0.04517	
379616.22	3782383.77	0.04613	
379636.02	3782369.10	0.04665	
379655.83	3782354.43	0.04687	
379675.63	3782339.76	0.04782	
379695.43	3782325.09	0.04913	
379715.24	3782310.42	0.05030	
379735.04	3782295.75	0.05199	

	379754.85	3782281.08	0.05444
379774.65	3782266.41	0.05781	
	379794.45	3782251.74	0.06223
379814.26	3782237.07	0.06764	
	379834.06	3782222.41	0.07374
379853.86	3782207.74	0.08099	
	379873.67	3782193.07	0.09042
379893.47	3782178.40	0.10373	
	379913.28	3782163.73	0.12362
379933.08	3782149.06	0.15358	
	379952.88	3782134.39	0.19790
379972.69	3782119.72	0.25733	
	379992.49	3782105.05	0.31401
380012.29	3782090.38	0.31286	
	380032.10	3782075.71	0.23143
380051.90	3782061.04	0.16898	
	380056.22	3782024.94	0.26436
380028.72	3781991.94	0.54828	
	379981.06	3781971.23	0.20805
379961.42	3781985.50	0.18263	
	379941.77	3781999.78	0.17334
379922.13	3782014.05	0.16297	
	379902.48	3782028.33	0.13538
379882.83	3782042.61	0.11100	
	379863.19	3782056.88	0.09297
379843.54	3782071.16	0.08014	
	379823.89	3782085.44	0.07095
379804.25	3782099.71	0.06423	
	379784.60	3782113.99	0.05914
379764.96	3782128.26	0.05520	
	379745.31	3782142.54	0.05207
379725.66	3782156.82	0.04962	
	379706.02	3782171.09	0.04778
379686.37	3782185.37	0.04633	
	379666.72	3782199.64	0.04471
379647.08	3782213.92	0.04311	
	379627.43	3782228.20	0.04165
379607.79	3782242.47	0.04039	
	379588.14	3782256.75	0.03963
379568.49	3782271.03	0.03925	
	379560.95	3782239.27	0.02637
379529.05	3782238.74	0.02286	
	379509.69	3782254.25	0.02293
379490.32	3782269.76	0.02297	
	379470.96	3782285.28	0.02279
379451.59	3782300.79	0.02245	
	379432.23	3782316.30	0.02222
379412.87	3782331.82	0.02254	
	379393.50	3782347.33	0.02258
379374.14	3782362.84	0.02259	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10 IN
			**
X-COORD (M)	Y-COORD (M)	CONC	X-
379354.78	3782378.35	0.02297	
379335.41	3782393.87	0.02351	
379316.05	3782409.38	0.02422	
379296.69	3782424.89	0.02502	
379277.32	3782440.41	0.02572	
379257.96	3782455.92	0.02599	
379238.60	3782471.43	0.02580	
379219.23	3782486.94	0.02554	
379199.87	3782502.46	0.02530	
379180.50	3782517.97	0.02495	
379161.14	3782533.48	0.02439	
379141.78	3782549.00	0.02406	
379122.41	3782564.51	0.02387	
379103.05	3782580.02	0.02365	
379083.69	3782595.53	0.02338	
379064.32	3782611.05	0.02323	
379044.96	3782626.56	0.02426	
379079.80	3782630.07	0.02931	
379012.15	3782628.78	0.02163	
378995.07	3782645.75	0.02199	
378977.99	3782662.71	0.02187	
378960.92	3782679.67	0.02179	
378943.84	3782696.63	0.02184	
378926.76	3782713.59	0.02196	
378909.69	3782730.55	0.02222	
378892.61	3782747.52	0.02256	
378875.54	3782764.48	0.02295	
378858.46	3782781.44	0.02341	
378841.38	3782798.40	0.02386	
378824.31	3782815.36	0.02430	

	378807.23	3782832.32	0.02457
378790.15	3782849.29	0.02483	
	378773.08	3782866.25	0.02527
378756.00	3782883.21	0.02600	
	378738.93	3782900.17	0.02673
378721.85	3782917.13	0.02729	
	378704.77	3782934.09	0.02823
378687.70	3782951.06	0.02950	
	378670.62	3782968.02	0.03021
378653.54	3782984.98	0.03035	
	378636.47	3783001.94	0.03032
378619.39	3783018.90	0.03066	
	378613.73	3782987.24	0.02645
378594.47	3782972.46	0.02392	
	378575.22	3782957.68	0.02185
378555.97	3782942.89	0.02004	
	378536.71	3782928.11	0.01842
378517.46	3782913.32	0.01694	
	378498.21	3782898.54	0.01557
378466.74	3782903.54	0.01484	
	378453.23	3782934.31	0.01590
378447.73	3782956.31	0.01691	
	378442.23	3782978.31	0.01803
378400.15	3782961.83	0.01536	
	378377.46	3782954.95	0.01413
378347.85	3782967.70	0.01354	
	378328.60	3783006.21	0.01457
378339.20	3783039.45	0.01709	
	378359.82	3783050.45	0.01909
378380.45	3783061.45	0.02129	
	378401.08	3783072.45	0.02368
378421.71	3783083.46	0.02625	
	378442.34	3783094.46	0.02902
378462.97	3783105.46	0.03199	
	378451.58	3783128.45	0.03505
378445.38	3783162.00	0.04146	
	378436.44	3783184.01	0.04615
378427.50	3783206.01	0.05186	
	378418.56	3783228.02	0.05872
378409.62	3783250.02	0.06736	
	378400.68	3783272.03	0.07839
378391.74	3783294.03	0.09240	
	378382.80	3783316.03	0.11134
378373.87	3783338.04	0.13928	
	378364.93	3783360.04	0.18853
378355.99	3783382.05	0.30649	
	378347.05	3783404.05	0.53577
378377.39	3783389.51	0.32395	
	378356.44	3783293.59	0.09091
378317.02	3783279.83	0.07528	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
378277.60	3783266.08	0.05639		
378238.17	3783252.33	0.03905		
378213.55	3783259.38	0.03518		
378199.76	3783282.28	0.03909		
378160.31	3783297.08	0.02962		
378149.43	3783320.24	0.03116		
378117.01	3783299.50	0.02185		
378066.25	3783308.41	0.01653		
378058.00	3783330.42	0.01765		
378049.75	3783352.42	0.01922		
378021.20	3783361.32	0.01731		
378001.26	3783372.32	0.01649		
377981.31	3783383.32	0.01565		
377949.64	3783389.01	0.01371		
377931.44	3783404.78	0.01333		
377922.97	3783427.63	0.01383		
377914.51	3783450.48	0.01426		
377906.05	3783473.33	0.01464		
377897.58	3783496.18	0.01497		
377889.12	3783519.03	0.01526		
377880.66	3783541.88	0.01553		
377872.19	3783564.73	0.01580		
377863.73	3783587.58	0.01607		
377855.27	3783610.43	0.01638		
377846.81	3783633.28	0.01670		
377838.34	3783656.13	0.01728		
377829.88	3783678.98	0.01838		
377821.42	3783701.83	0.01949		
377824.07	3783733.08	0.02074		
377831.41	3783767.92	0.02345		

	377871.32	3783782.43	0.03301
377909.82	3783752.18	0.06030	
	377844.86	3783710.51	0.03002
377954.88	3783413.46	0.01544	
	377993.39	3783405.21	0.01848
378073.16	3783361.20	0.02353	
	378089.66	3783317.19	0.01982
378169.42	3783341.95	0.05224	
	378177.68	3783311.69	0.03886
378207.93	3783325.44	0.07818	
	378229.94	3783275.93	0.04802
378348.21	3783317.19	0.11494	
	378315.20	3783396.96	0.57064
378370.21	3783413.46	0.57481	
	378477.48	3783149.41	0.04129
378474.73	3783083.40	0.02953	
	378350.96	3783017.39	0.01630
378370.21	3782978.88	0.01502	
	378460.98	3783006.38	0.02084
378482.98	3782918.37	0.01608	
	378637.01	3783036.64	0.03639
379046.84	3782629.56	0.02468	
	379060.59	3782646.07	0.02983
379544.68	3782258.25	0.02750	
	379583.19	3782291.25	0.06799
379995.76	3781991.45	0.78729	
	380037.02	3782040.95	0.35713
379442.91	3782481.04	0.06336	
	379415.41	3782481.04	0.09455
378854.30	3782973.38	0.12805	
	378477.48	3783388.70	0.26916
378455.48	3783446.47	0.57843	
	378513.24	3783465.72	0.28829
378488.48	3783512.48	0.39171	
	378405.97	3783479.47	1.14742
378012.65	3783826.04	0.02910	
	377894.37	3783732.52	0.09547
377855.87	3783762.77	0.03242	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
378348.12	3783877.51	0.18744	(14022624)	
378341.72	3783700.39	0.35501	(13112024)	
378138.62	3783309.07	0.55164	(15092524)	
377969.26	3783352.04	0.28787	(12120624)	
378146.72	3782898.12	0.15529	(13122524)	
378852.20	3783736.85	0.13496	(16102724)	
379808.37	3782489.56	0.11277	(13112024)	
380185.40	3782211.28	0.19171c	(12011024)	
380147.99	3782124.50	0.32614	(16102724)	
379612.38	3781947.96	0.12751	(12120624)	
377878.86	3783752.13	0.39703	(16120824)	
377912.66	3783778.85	0.30899	(16120824)	
377946.45	3783805.57	0.24462	(16120824)	
377980.25	3783832.29	0.23320	(16121224)	
378029.18	3783844.80	0.24522	(16121224)	
378047.91	3783828.29	0.25829	(16121224)	
378066.64	3783811.79	0.27212	(16121224)	
378085.37	3783795.29	0.28679	(16121224)	
378104.10	3783778.78	0.30238	(16121224)	
378122.83	3783762.28	0.31926	(16121224)	
378141.55	3783745.78	0.33786	(16121224)	
378160.28	3783729.27	0.35874	(16121224)	
378179.01	3783712.77	0.38227	(16121224)	
378197.74	3783696.27	0.40951	(16121224)	
378216.47	3783679.76	0.44023	(16121224)	
378235.20	3783663.26	0.47293	(16121224)	
378253.93	3783646.76	0.51029	(16121224)	
378272.66	3783630.25	0.55437	(16121224)	
378291.39	3783613.75	0.60480	(16121224)	
378310.12	3783597.25	0.66713	(16121224)	

	378328.85	3783580.74	0.74256	(16121224)
378347.58	3783564.24	0.84293	(16121224)	
	378366.31	3783547.74	0.97242	(16121224)
378385.04	3783531.23	1.24354	(16121224)	
	378403.77	3783514.73	1.63160	(16121224)
378422.50	3783498.23	2.60756	(16121324)	
	378437.94	3783519.19	1.74050	(16121324)
378479.19	3783535.69	1.20669c	(14020424)	
	378503.83	3783530.06	1.00110c	(12011024)
378518.83	3783508.59	1.28982	(16021124)	
	378535.33	3783477.42	1.35011c	(12121724)
378528.80	3783449.21	1.43023	(12021024)	
	378501.89	3783435.59	1.66488m	(15123124)
378500.84	3783397.60	1.19677m	(15123124)	
	378528.76	3783369.38	0.92068m	(15123124)
378545.15	3783351.33	0.81301m	(15123124)	
	378561.53	3783333.27	0.74174m	(15123124)
378577.91	3783315.21	0.68514m	(15123124)	
	378594.30	3783297.15	0.63918m	(15123124)
378610.68	3783279.10	0.61158m	(15123124)	
	378627.06	3783261.04	0.57871m	(15123124)
378643.45	3783242.98	0.54776m	(15123124)	
	378659.83	3783224.92	0.52210m	(15123124)
378676.21	3783206.87	0.50911m	(15123124)	
	378692.60	3783188.81	0.49414m	(15123124)
378708.98	3783170.75	0.48140m	(15123124)	
	378725.36	3783152.70	0.46752m	(15123124)
378741.75	3783134.64	0.45501m	(15123124)	
	378758.13	3783116.58	0.44643m	(15123124)
378774.51	3783098.52	0.43371m	(15123124)	
	378790.90	3783080.47	0.42406m	(15123124)
378807.28	3783062.41	0.41671m	(15123124)	
	378823.66	3783044.35	0.40561m	(15123124)
378840.05	3783026.29	0.39711m	(15123124)	
	378856.43	3783008.24	0.38850m	(15123124)
378872.81	3782990.18	0.38129m	(15123124)	
	378908.20	3782959.35	0.34703m	(15123124)
378926.90	3782942.94	0.33383m	(15123124)	
	378945.60	3782926.53	0.31769m	(15123124)
378964.31	3782910.12	0.30717m	(15123124)	
	378983.01	3782893.70	0.29653m	(15123124)
379001.71	3782877.29	0.28915m	(15123124)	
	379020.42	3782860.88	0.27904m	(15123124)
379039.12	3782844.47	0.26506m	(15123124)	
	379057.83	3782828.06	0.25597m	(15123124)
379076.53	3782811.65	0.24275m	(15123124)	
	379095.23	3782795.24	0.23261m	(15123124)
379113.94	3782778.82	0.23012m	(15123124)	
	379132.64	3782762.41	0.22830m	(15123124)
379151.34	3782746.00	0.22363m	(15123124)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
379170.05	3782729.59	0.22248m (15123124)	
379188.75	3782713.18	0.21618m (15123124)	
379207.45	3782696.77	0.21898m (15123124)	
379226.16	3782680.36	0.22063m (15123124)	
379244.86	3782663.95	0.22258m (15123124)	
379263.57	3782647.53	0.21626m (15123124)	
379282.27	3782631.12	0.21069m (15123124)	
379300.97	3782614.71	0.21157m (15123124)	
379319.68	3782598.30	0.21358m (15123124)	
379338.38	3782581.89	0.20720m (15123124)	
379357.08	3782565.48	0.20621m (15123124)	
379375.79	3782549.07	0.20795m (13123124)	
379394.49	3782532.65	0.21371c (12121724)	
379413.19	3782516.24	0.21331c (12121724)	
379431.90	3782499.83	0.21190m (13123124)	
379457.79	3782501.13	0.17460c (12121724)	
379477.59	3782486.46	0.16890c (12121724)	
379497.40	3782471.79	0.16319c (12121724)	
379517.20	3782457.12	0.15799c (12121724)	
379537.01	3782442.45	0.15403 (16121224)	
379556.81	3782427.78	0.16131 (16121224)	
379576.61	3782413.11	0.16004 (16121224)	
379596.42	3782398.44	0.17301 (16121224)	
379616.22	3782383.77	0.18031 (16121224)	
379636.02	3782369.10	0.18784 (16121224)	
379655.83	3782354.43	0.19530 (16121224)	
379675.63	3782339.76	0.20187 (16121224)	
379695.43	3782325.09	0.21432 (16121224)	
379715.24	3782310.42	0.23028 (16121224)	
379735.04	3782295.75	0.24910 (16121224)	

	379754.85	3782281.08	0.27103	(16121224)
379774.65	3782266.41	0.29643	(16121224)	
	379794.45	3782251.74	0.32598	(16121224)
379814.26	3782237.07	0.36457	(16121224)	
	379834.06	3782222.41	0.40289	(16121224)
379853.86	3782207.74	0.44778	(16121224)	
	379873.67	3782193.07	0.50005	(16121224)
379893.47	3782178.40	0.56059	(16121224)	
	379913.28	3782163.73	0.63846	(16121224)
379933.08	3782149.06	0.74474	(13112024)	
	379952.88	3782134.39	0.99824	(13112024)
379972.69	3782119.72	1.25857	(13112024)	
	379992.49	3782105.05	1.59059	(16040824)
380012.29	3782090.38	1.60345	(12100524)	
	380032.10	3782075.71	1.60823c	(15020224)
380051.90	3782061.04	1.37733	(16021124)	
	380056.22	3782024.94	2.34219c	(12121724)
380028.72	3781991.94	4.96634m	(15123124)	
	379981.06	3781971.23	2.94880	(13122524)
379961.42	3781985.50	2.83663	(13122524)	
	379941.77	3781999.78	1.92849	(15032624)
379922.13	3782014.05	1.91245	(12120624)	
	379902.48	3782028.33	1.34438	(12120624)
379882.83	3782042.61	0.90569	(12020224)	
	379863.19	3782056.88	0.73981	(12020224)
379843.54	3782071.16	0.60782	(12020224)	
	379823.89	3782085.44	0.51108	(12020224)
379804.25	3782099.71	0.43920	(12020224)	
	379784.60	3782113.99	0.38436	(12020224)
379764.96	3782128.26	0.34979	(16120824)	
	379745.31	3782142.54	0.32606	(16120824)
379725.66	3782156.82	0.30584	(16120824)	
	379706.02	3782171.09	0.28981	(16120824)
379686.37	3782185.37	0.29065m	(15123124)	
	379666.72	3782199.64	0.28917m	(15123124)
379647.08	3782213.92	0.28983m	(15123124)	
	379627.43	3782228.20	0.28913m	(15123124)
379607.79	3782242.47	0.28975m	(15123124)	
	379588.14	3782256.75	0.29521m	(15123124)
379568.49	3782271.03	0.29808m	(15123124)	
	379560.95	3782239.27	0.21940m	(15123124)
379529.05	3782238.74	0.19535m	(15123124)	
	379509.69	3782254.25	0.19234m	(15123124)
379490.32	3782269.76	0.19556m	(15123124)	
	379470.96	3782285.28	0.19828m	(15123124)
379451.59	3782300.79	0.19821m	(15123124)	
	379432.23	3782316.30	0.20017m	(15123124)
379412.87	3782331.82	0.20187m	(15123124)	
	379393.50	3782347.33	0.20315m	(15123124)
379374.14	3782362.84	0.20518m	(15123124)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
379354.78	3782378.35	0.20592m (15123124)	
379335.41	3782393.87	0.20683m (15123124)	
379316.05	3782409.38	0.20883m (15123124)	
379296.69	3782424.89	0.20886m (15123124)	
379277.32	3782440.41	0.20814m (15123124)	
379257.96	3782455.92	0.20441m (15123124)	
379238.60	3782471.43	0.20283m (15123124)	
379219.23	3782486.94	0.19925m (15123124)	
379199.87	3782502.46	0.19676m (15123124)	
379180.50	3782517.97	0.19735m (15123124)	
379161.14	3782533.48	0.19749m (15123124)	
379141.78	3782549.00	0.19771m (15123124)	
379122.41	3782564.51	0.19732m (15123124)	
379103.05	3782580.02	0.19652m (15123124)	
379083.69	3782595.53	0.19531m (15123124)	
379064.32	3782611.05	0.19472m (15123124)	
379044.96	3782626.56	0.19669m (15123124)	
379079.80	3782630.07	0.23576m (15123124)	
379012.15	3782628.78	0.17211m (15123124)	
378995.07	3782645.75	0.17464m (15123124)	
378977.99	3782662.71	0.17744m (15123124)	
378960.92	3782679.67	0.18063m (15123124)	
378943.84	3782696.63	0.18123m (15123124)	
378926.76	3782713.59	0.18228m (15123124)	
378909.69	3782730.55	0.18201m (15123124)	
378892.61	3782747.52	0.18414m (15123124)	
378875.54	3782764.48	0.18615m (15123124)	
378858.46	3782781.44	0.18806m (15123124)	
378841.38	3782798.40	0.18906m (15123124)	
378824.31	3782815.36	0.19091m (15123124)	

	378807.23	3782832.32	0.19300m (15123124)
378790.15	3782849.29	0.19600m (15123124)	
	378773.08	3782866.25	0.20753m (15123124)
378756.00	3782883.21	0.20844m (15123124)	
	378738.93	3782900.17	0.21069m (15123124)
378721.85	3782917.13	0.21270m (15123124)	
	378704.77	3782934.09	0.22067m (15123124)
378687.70	3782951.06	0.22579m (15123124)	
	378670.62	3782968.02	0.22963m (15123124)
378653.54	3782984.98	0.23464m (15123124)	
	378636.47	3783001.94	0.24068m (15123124)
378619.39	3783018.90	0.24739m (15123124)	
	378613.73	3782987.24	0.20298m (15123124)
378594.47	3782972.46	0.19033 (14120824)	
	378575.22	3782957.68	0.17998 (14120824)
378555.97	3782942.89	0.17301 (16122824)	
	378536.71	3782928.11	0.17525 (16122824)
378517.46	3782913.32	0.17541 (16122824)	
	378498.21	3782898.54	0.17339 (16122824)
378466.74	3782903.54	0.17585 (16122824)	
	378453.23	3782934.31	0.18702 (16122824)
378447.73	3782956.31	0.19605 (16122824)	
	378442.23	3782978.31	0.20572 (16122824)
378400.15	3782961.83	0.18978 (16122824)	
	378377.46	3782954.95	0.17778 (16122824)
378347.85	3782967.70	0.17539c (14011024)	
	378328.60	3783006.21	0.19518c (14011024)
378339.20	3783039.45	0.21737c (14011024)	
	378359.82	3783050.45	0.22529 (16122824)
378380.45	3783061.45	0.24236 (16122824)	
	378401.08	3783072.45	0.25552 (16122824)
378421.71	3783083.46	0.26466 (16122824)	
	378442.34	3783094.46	0.27011 (16122824)
378462.97	3783105.46	0.28015c (15010124)	
	378451.58	3783128.45	0.30738c (15010124)
378445.38	3783162.00	0.35631c (15010124)	
	378436.44	3783184.01	0.39185c (15010124)
378427.50	3783206.01	0.43297c (15010124)	
	378418.56	3783228.02	0.47954c (15010124)
378409.62	3783250.02	0.52828c (15010124)	
	378400.68	3783272.03	0.59456m (15123124)
378391.74	3783294.03	0.67257m (15123124)	
	378382.80	3783316.03	0.76252m (15123124)
378373.87	3783338.04	0.88375m (15123124)	
	378364.93	3783360.04	1.13262m (15123124)
378355.99	3783382.05	1.76605m (15123124)	
	378347.05	3783404.05	3.05701m (15123124)
378377.39	3783389.51	1.88943m (15123124)	
	378356.44	3783293.59	0.68069c (16011124)
378317.02	3783279.83	0.63856c (16011124)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
378277.60	3783266.08	0.54744	c (16011124)	
378238.17	3783252.33	0.52370	(13122524)	
378213.55	3783259.38	0.60302	(13122524)	
378199.76	3783282.28	0.72444	(13122524)	
378160.31	3783297.08	0.62977	(15120224)	
378149.43	3783320.24	0.60883	(15092524)	
378117.01	3783299.50	0.45900	(15092524)	
378066.25	3783308.41	0.28534	(15092524)	
378058.00	3783330.42	0.27908	(12120624)	
378049.75	3783352.42	0.37850	(12120624)	
378021.20	3783361.32	0.36985	(12120624)	
378001.26	3783372.32	0.36613	(12120624)	
377981.31	3783383.32	0.35142	(12120624)	
377949.64	3783389.01	0.31434	(12120624)	
377931.44	3783404.78	0.29646	(12120624)	
377922.97	3783427.63	0.27696	(12120624)	
377914.51	3783450.48	0.24801	(12120624)	
377906.05	3783473.33	0.22536	(16010624)	
377897.58	3783496.18	0.21720	(12020224)	
377889.12	3783519.03	0.21974	(12020224)	
377880.66	3783541.88	0.21867	(12020224)	
377872.19	3783564.73	0.21520	(12020224)	
377863.73	3783587.58	0.21073	(12020224)	
377855.27	3783610.43	0.20662	(12020224)	
377846.81	3783633.28	0.20418	(12020224)	
377838.34	3783656.13	0.21063	(16120824)	
377829.88	3783678.98	0.22674	(16120824)	
377821.42	3783701.83	0.25164	(16120824)	
377824.07	3783733.08	0.30475	(16120824)	
377831.41	3783767.92	0.32284	(16120824)	

	377871.32	3783782.43	0.31309	(16120824)
377909.82	3783752.18	0.38807	(16120824)	
	377844.86	3783710.51	0.34147	(16120824)
377954.88	3783413.46	0.32045	(12120624)	
	377993.39	3783405.21	0.37884	(12120624)
378073.16	3783361.20	0.46171	(12120624)	
	378089.66	3783317.19	0.34405	(15092524)
378169.42	3783341.95	0.89778	(15092524)	
	378177.68	3783311.69	0.67798	(15120224)
378207.93	3783325.44	0.91235	(13122524)	
	378229.94	3783275.93	0.67009	(13122524)
378348.21	3783317.19	0.79659m	(15123124)	
	378315.20	3783396.96	3.24421m	(15123124)
378370.21	3783413.46	3.23716m	(15123124)	
	378477.48	3783149.41	0.34058c	(15010124)
378474.73	3783083.40	0.25718c	(15010124)	
	378350.96	3783017.39	0.20285c	(14011024)
378370.21	3782978.88	0.18661	(16122824)	
	378460.98	3783006.38	0.21847	(16122824)
378482.98	3782918.37	0.18106	(16122824)	
	378637.01	3783036.64	0.29308m	(15123124)
379046.84	3782629.56	0.20192m	(15123124)	
	379060.59	3782646.07	0.23726m	(15123124)
379544.68	3782258.25	0.23103m	(15123124)	
	379583.19	3782291.25	0.48344m	(15123124)
379995.76	3781991.45	7.50541c	(15010124)	
	380037.02	3782040.95	2.95227c	(12121724)
379442.91	3782481.04	0.22649m	(13123124)	
	379415.41	3782481.04	0.31735m	(13123124)
378854.30	3782973.38	0.57456m	(15123124)	
	378477.48	3783388.70	1.29596m	(15123124)
378455.48	3783446.47	3.08301m	(15123124)	
	378513.24	3783465.72	2.09673	(12021024)
378488.48	3783512.48	1.84747c	(12011024)	
	378405.97	3783479.47	3.64536	(16121324)
378012.65	3783826.04	0.24880	(16121224)	
	377894.37	3783732.52	0.52403	(16120824)
377855.87	3783762.77	0.35613	(16120824)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD

(43848 HRS) RESULTS ***

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

NETWORK GROUP ID YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE GRID-ID	RECEPTOR (XR,
ALL	1ST HIGHEST VALUE IS	1.14742 AT (378405.97,
3783479.47,	236.00, 236.00,	0.00) DC
	2ND HIGHEST VALUE IS	0.79755 AT (378422.50,
3783498.23,	236.00, 236.00,	0.00) DC
	3RD HIGHEST VALUE IS	0.78729 AT (379995.76,
3781991.45,	236.00, 236.00,	0.00) DC
	4TH HIGHEST VALUE IS	0.57843 AT (378455.48,
3783446.47,	236.00, 236.00,	0.00) DC
	5TH HIGHEST VALUE IS	0.57481 AT (378370.21,
3783413.46,	236.00, 236.00,	0.00) DC
	6TH HIGHEST VALUE IS	0.57064 AT (378315.20,
3783396.96,	236.00, 236.00,	0.00) DC
	7TH HIGHEST VALUE IS	0.54828 AT (380028.72,
3781991.94,	236.00, 236.00,	0.00) DC
	8TH HIGHEST VALUE IS	0.53577 AT (378347.05,
3783404.05,	236.00, 236.00,	0.00) DC
	9TH HIGHEST VALUE IS	0.49999 AT (378437.94,
3783519.19,	236.00, 236.00,	0.00) DC
	10TH HIGHEST VALUE IS	0.47296 AT (378403.77,
3783514.73,	236.00, 236.00,	0.00) DC

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

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF

HIGHEST 24-HR RESULTS ***

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

DATE

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

ALL HIGH 1ST HIGH VALUE IS 7.50541c ON 15010124: AT (
 379995.76, 3781991.45, 236.00, 236.00, 0.00) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA 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 713 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 519 Calm Hours Identified

A Total of 194 Missing Hours Identified (0.44 Percent)

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

***** WARNING MESSAGES *****
ME W186 469 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 469 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** AERMOD Finishes Successfully ***

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 12/16/2019
** File: C:\Lakes\AERMOD View\HSR_B-
LA_CO_Burbank_Bridge_Construction_Area\HSR_B-
LA_CO_Burbank_Bridge_Construction_Area.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\HSR_B-
LA_Burbank_Bridge_Construction_Area\HSR_B
  MODELOPT CONC FLAT FASTAREA
  AVERTIME 1 8
  URBANOPT 104834 City_of_Burbank_Population_(2017)
  POLLUTID CO
  RUNORNOT RUN
  ERRORFIL HSR_B-LA_CO_Burbank_Bridge_Construction_Area.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREA1 AREAPOLY 377874.461 3783698.180 0.0
** DESCRSRC At Grade Rail Track Construction Area 8
  LOCATION PAREA2 AREAPOLY 378199.715 3783359.712 0.0
** DESCRSRC Burbank Blvd Bridge Demolition
  LOCATION PAREA3 AREAPOLY 379986.152 3782036.911 0.0
** DESCRSRC Alameda Ave Bridge Demolition Area
** Source Parameters **
  SRCPARAM PAREA1 0.0000557466 3.000 19
  AREAVERT PAREA1 377874.461 3783698.180 378005.241 3783646.413
  AREAVERT PAREA1 378139.044 3783586.046 378251.179 3783524.104
  AREAVERT PAREA1 378344.113 3783457.564 378464.123 3783342.407
  AREAVERT PAREA1 378837.108 3782935.500 379232.333 3782556.786
  AREAVERT PAREA1 379994.197 3782000.756 380013.269 3782022.553
  AREAVERT PAREA1 379585.299 3782319.403 379323.315 3782522.942
  AREAVERT PAREA1 379130.785 3782682.021 378862.084 3782943.594
  AREAVERT PAREA1 378541.987 3783303.114 378345.816 3783488.386

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** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 2"
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** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 2"
```


DISCCART	378272.66	3783630.25
DISCCART	378291.39	3783613.75
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DISCCART	378692.60	3783188.81
DISCCART	378708.98	3783170.75
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DISCCART	379568.49	3782271.03
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DISCCART	379180.50	3782517.97
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DISCCART	379141.78	3782549.00
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DISCCART	379103.05	3782580.02
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DISCCART	378960.92	3782679.67
DISCCART	378943.84	3782696.63
DISCCART	378926.76	3782713.59
DISCCART	378909.69	3782730.55
DISCCART	378892.61	3782747.52
DISCCART	378875.54	3782764.48
DISCCART	378858.46	3782781.44
DISCCART	378841.38	3782798.40

DISCCART	378824.31	3782815.36
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DISCCART	378790.15	3782849.29
DISCCART	378773.08	3782866.25
DISCCART	378756.00	3782883.21
DISCCART	378738.93	3782900.17
DISCCART	378721.85	3782917.13
DISCCART	378704.77	3782934.09
DISCCART	378687.70	3782951.06
DISCCART	378670.62	3782968.02
DISCCART	378653.54	3782984.98
DISCCART	378636.47	3783001.94
DISCCART	378619.39	3783018.90
DISCCART	378613.73	3782987.24
DISCCART	378594.47	3782972.46
DISCCART	378575.22	3782957.68
DISCCART	378555.97	3782942.89
DISCCART	378536.71	3782928.11
DISCCART	378517.46	3782913.32
DISCCART	378498.21	3782898.54
DISCCART	378466.74	3782903.54
DISCCART	378453.23	3782934.31
DISCCART	378447.73	3782956.31
DISCCART	378442.23	3782978.31
DISCCART	378400.15	3782961.83
DISCCART	378377.46	3782954.95
DISCCART	378347.85	3782967.70
DISCCART	378328.60	3783006.21
DISCCART	378339.20	3783039.45
DISCCART	378359.82	3783050.45
DISCCART	378380.45	3783061.45
DISCCART	378401.08	3783072.45
DISCCART	378421.71	3783083.46
DISCCART	378442.34	3783094.46
DISCCART	378462.97	3783105.46
DISCCART	378451.58	3783128.45
DISCCART	378445.38	3783162.00
DISCCART	378436.44	3783184.01
DISCCART	378427.50	3783206.01
DISCCART	378418.56	3783228.02
DISCCART	378409.62	3783250.02
DISCCART	378400.68	3783272.03
DISCCART	378391.74	3783294.03
DISCCART	378382.80	3783316.03
DISCCART	378373.87	3783338.04
DISCCART	378364.93	3783360.04
DISCCART	378355.99	3783382.05
DISCCART	378347.05	3783404.05
DISCCART	378377.39	3783389.51
DISCCART	378356.44	3783293.59
DISCCART	378317.02	3783279.83
DISCCART	378277.60	3783266.08
DISCCART	378238.17	3783252.33
DISCCART	378213.55	3783259.38

DISCCART	378199.76	3783282.28
DISCCART	378160.31	3783297.08
DISCCART	378149.43	3783320.24
DISCCART	378117.01	3783299.50
DISCCART	378066.25	3783308.41
DISCCART	378058.00	3783330.42
DISCCART	378049.75	3783352.42
DISCCART	378021.20	3783361.32
DISCCART	378001.26	3783372.32
DISCCART	377981.31	3783383.32
DISCCART	377949.64	3783389.01
DISCCART	377931.44	3783404.78
DISCCART	377922.97	3783427.63
DISCCART	377914.51	3783450.48
DISCCART	377906.05	3783473.33
DISCCART	377897.58	3783496.18
DISCCART	377889.12	3783519.03
DISCCART	377880.66	3783541.88
DISCCART	377872.19	3783564.73
DISCCART	377863.73	3783587.58
DISCCART	377855.27	3783610.43
DISCCART	377846.81	3783633.28
DISCCART	377838.34	3783656.13
DISCCART	377829.88	3783678.98
DISCCART	377821.42	3783701.83
DISCCART	377824.07	3783733.08
DISCCART	377831.41	3783767.92
DISCCART	377871.32	3783782.43
DISCCART	377909.82	3783752.18

** END OF FENCELINE GRID RECEPTORS

** Discrete Cartesian Plant Boundary - Primary Receptors

** Plant Boundary Name PLBN1

** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"

DISCCART	377844.86	3783710.51
DISCCART	377954.88	3783413.46
DISCCART	377993.39	3783405.21
DISCCART	378073.16	3783361.20
DISCCART	378089.66	3783317.19
DISCCART	378169.42	3783341.95
DISCCART	378177.68	3783311.69
DISCCART	378207.93	3783325.44
DISCCART	378229.94	3783275.93
DISCCART	378348.21	3783317.19
DISCCART	378315.20	3783396.96
DISCCART	378370.21	3783413.46
DISCCART	378477.48	3783149.41
DISCCART	378474.73	3783083.40
DISCCART	378350.96	3783017.39
DISCCART	378370.21	3782978.88
DISCCART	378460.98	3783006.38
DISCCART	378482.98	3782918.37
DISCCART	378637.01	3783036.64
DISCCART	379046.84	3782629.56
DISCCART	379060.59	3782646.07

```

DISCCART      379544.68      3782258.25
DISCCART      379583.19      3782291.25
DISCCART      379995.76      3781991.45
DISCCART      380037.02      3782040.95
DISCCART      379442.91      3782481.04
DISCCART      379415.41      3782481.04
DISCCART      378854.30      3782973.38
DISCCART      378477.48      3783388.70
DISCCART      378455.48      3783446.47
DISCCART      378513.24      3783465.72
DISCCART      378488.48      3783512.48
DISCCART      378405.97      3783479.47
DISCCART      378012.65      3783826.04
DISCCART      377894.37      3783732.52
DISCCART      377855.87      3783762.77
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE KBUR_v9.SFC
PROFFILE KBUR_v9.PFL
SURFDATA 23152 2012
UAIRDATA 3190 2012
PROFBASE 236.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
RECTABLE 8 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST HSR_B-
LA_CO_BURBANK_BRIDGE_CONSTRUCTION_AREA.AD\01H1GALL.PLT 31
PLOTFILE 8 ALL 1ST HSR_B-
LA_CO_BURBANK_BRIDGE_CONSTRUCTION_AREA.AD\08H1GALL.PLT 32
SUMMFILE HSR_B-LA_CO_Burbank_Bridge_Construction_Area.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 458 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 458 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** AERMET - VERSION 16216 *** ***
*** 15:46:23

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** MODEL SETUP OPTIONS

SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 3 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 104834.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:

FASTAREA - Use hybrid approach to optimize AREA sources;
also applies to LINE sources (formerly TOXICS option)

ADJ_U* - Use ADJ_U* option for SBL in AERMET

CCVR_Sub - Meteorological data includes CCVR substitutions

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: CO

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

**This Run Includes: 3 Source(s); 1 Source Group(s); and
298 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 3 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 0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

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

**NOTE: The Following Flags May Appear Following CONC Values: c for
Calm Hours

m for
Missing Hours

b for
Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 236.00 ;
Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: HSR_B-
LA_CO_Burbank_Bridge_Construction_Area.err

**File for Summary of Results: HSR_B-
LA_CO_Burbank_Bridge_Construction_Area.sum

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 LA_Burbank_Bridge_Construction_Area\HSR_B *** 12/16/19
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** AREAPOLY SOURCE DATA

NUMBER	NUMBER	EMISSION	RATE	LOCATION OF AREA		BASE	RELEASE
SOURCE	INIT.	URBAN	EMISSION				
OF VERTS.	PART.	(GRAMS/SEC		X	Y	ELEV.	HEIGHT
ID	SZ	SOURCE	SCALAR	VARY			
(METERS)	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	BY						
PAREA1	0	0.55747E-04	377874.5	3783698.2	236.0	3.00	
19	0.00	YES	HRDOW7				
PAREA2	0	0.20704E-03	378199.7	3783359.7	236.0	3.00	
4	0.00	YES	HRDOW7				
PAREA3	0	0.27212E-03	379986.2	3782036.9	236.0	3.00	
4	0.00	YES	HRDOW7				

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

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

ALL	PAREA1	,	PAREA2	,	PAREA3	,
-----	--------	---	--------	---	--------	---

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN

SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
104834.	PAREA1	, PAREA2 , PAREA3 ,

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

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 = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = TUESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = WEDNESDY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = THURSDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = FRIDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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		

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = TUESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = WEDNESDY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = THURSDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = FRIDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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			

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 *** 15:46:23

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA3 ; SOURCE TYPE = AREAPOLY :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = MONDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = TUESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = WEDNESDY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = THURSDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = FRIDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10

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		

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(377878.9, 3783752.1, 236.0, 236.0, 0.0);	(
377912.7, 3783778.8, 236.0, 236.0, 0.0);	(
(377946.5, 3783805.6, 236.0, 236.0, 0.0);	(
377980.2, 3783832.3, 236.0, 236.0, 0.0);	(
(378029.2, 3783844.8, 236.0, 236.0, 0.0);	(
378047.9, 3783828.3, 236.0, 236.0, 0.0);	(
(378066.6, 3783811.8, 236.0, 236.0, 0.0);	(
378085.4, 3783795.3, 236.0, 236.0, 0.0);	(
(378104.1, 3783778.8, 236.0, 236.0, 0.0);	(
378122.8, 3783762.3, 236.0, 236.0, 0.0);	(
(378141.5, 3783745.8, 236.0, 236.0, 0.0);	(
378160.3, 3783729.3, 236.0, 236.0, 0.0);	(
(378179.0, 3783712.8, 236.0, 236.0, 0.0);	(
378197.7, 3783696.3, 236.0, 236.0, 0.0);	(
(378216.5, 3783679.8, 236.0, 236.0, 0.0);	(
378235.2, 3783663.3, 236.0, 236.0, 0.0);	(
(378253.9, 3783646.8, 236.0, 236.0, 0.0);	(
378272.7, 3783630.2, 236.0, 236.0, 0.0);	(
(378291.4, 3783613.8, 236.0, 236.0, 0.0);	(
378310.1, 3783597.2, 236.0, 236.0, 0.0);	(
(378328.8, 3783580.7, 236.0, 236.0, 0.0);	(
378347.6, 3783564.2, 236.0, 236.0, 0.0);	(
(378366.3, 3783547.7, 236.0, 236.0, 0.0);	(
378385.0, 3783531.2, 236.0, 236.0, 0.0);	(
(378403.8, 3783514.7, 236.0, 236.0, 0.0);	(
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(378437.9, 3783519.2, 236.0, 236.0, 0.0);	(
378479.2, 3783535.7, 236.0, 236.0, 0.0);	(
(378503.8, 3783530.1, 236.0, 236.0, 0.0);	(
378518.8, 3783508.6, 236.0, 236.0, 0.0);	(
(378535.3, 3783477.4, 236.0, 236.0, 0.0);	(
378528.8, 3783449.2, 236.0, 236.0, 0.0);	(
(378501.9, 3783435.6, 236.0, 236.0, 0.0);	(
378500.8, 3783397.6, 236.0, 236.0, 0.0);	(
(378528.8, 3783369.4, 236.0, 236.0, 0.0);	(
378545.1, 3783351.3, 236.0, 236.0, 0.0);	(
(378561.5, 3783333.3, 236.0, 236.0, 0.0);	(
378577.9, 3783315.2, 236.0, 236.0, 0.0);	(
(378594.3, 3783297.1, 236.0, 236.0, 0.0);	(
378610.7, 3783279.1, 236.0, 236.0, 0.0);	(

(378627.1, 3783261.0, 236.0, 236.0, 0.0); (

378643.5, 3783243.0, 236.0, 236.0, 0.0);

(378659.8, 3783224.9, 236.0, 236.0, 0.0); (

378676.2, 3783206.9, 236.0, 236.0, 0.0);

(378692.6, 3783188.8, 236.0, 236.0, 0.0); (

378709.0, 3783170.8, 236.0, 236.0, 0.0);

(378725.4, 3783152.7, 236.0, 236.0, 0.0); (

378741.8, 3783134.6, 236.0, 236.0, 0.0);

(378758.1, 3783116.6, 236.0, 236.0, 0.0); (

378774.5, 3783098.5, 236.0, 236.0, 0.0);

(378790.9, 3783080.5, 236.0, 236.0, 0.0); (

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(378823.7, 3783044.3, 236.0, 236.0, 0.0); (

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(378856.4, 3783008.2, 236.0, 236.0, 0.0); (

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(378945.6, 3782926.5, 236.0, 236.0, 0.0); (

378964.3, 3782910.1, 236.0, 236.0, 0.0);

(378983.0, 3782893.7, 236.0, 236.0, 0.0); (

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(379020.4, 3782860.9, 236.0, 236.0, 0.0); (

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(379057.8, 3782828.1, 236.0, 236.0, 0.0); (

379076.5, 3782811.6, 236.0, 236.0, 0.0);

(379095.2, 3782795.2, 236.0, 236.0, 0.0); (

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(379132.6, 3782762.4, 236.0, 236.0, 0.0); (

379151.3, 3782746.0, 236.0, 236.0, 0.0);

(379170.0, 3782729.6, 236.0, 236.0, 0.0); (

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(379207.5, 3782696.8, 236.0, 236.0, 0.0); (

379226.2, 3782680.4, 236.0, 236.0, 0.0);

(379244.9, 3782663.9, 236.0, 236.0, 0.0); (

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(379282.3, 3782631.1, 236.0, 236.0, 0.0); (

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(379319.7, 3782598.3, 236.0, 236.0, 0.0); (

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(379357.1, 3782565.5, 236.0, 236.0, 0.0); (

379375.8, 3782549.1, 236.0, 236.0, 0.0);

(379394.5, 3782532.6, 236.0, 236.0, 0.0); (

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(379431.9, 3782499.8, 236.0, 236.0, 0.0); (

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(379477.6, 3782486.5, 236.0, 236.0, 0.0); (

379497.4, 3782471.8, 236.0, 236.0, 0.0);

(379517.2, 3782457.1, 236.0, 236.0, 0.0); (

379537.0, 3782442.4, 236.0, 236.0, 0.0);

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(379556.8, 3782427.8,	236.0,	236.0,	0.0);	(
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(379596.4, 3782398.4,	236.0,	236.0,	0.0);	(
379616.2, 3782383.8,	236.0,	236.0,	0.0);	(
(379636.0, 3782369.1,	236.0,	236.0,	0.0);	(
379655.8, 3782354.4,	236.0,	236.0,	0.0);	(
(379675.6, 3782339.8,	236.0,	236.0,	0.0);	(
379695.4, 3782325.1,	236.0,	236.0,	0.0);	(
(379715.2, 3782310.4,	236.0,	236.0,	0.0);	(
379735.0, 3782295.8,	236.0,	236.0,	0.0);	(
(379754.8, 3782281.1,	236.0,	236.0,	0.0);	(
379774.6, 3782266.4,	236.0,	236.0,	0.0);	(
(379794.5, 3782251.7,	236.0,	236.0,	0.0);	(
379814.3, 3782237.1,	236.0,	236.0,	0.0);	(
(379834.1, 3782222.4,	236.0,	236.0,	0.0);	(
379853.9, 3782207.7,	236.0,	236.0,	0.0);	(
(379873.7, 3782193.1,	236.0,	236.0,	0.0);	(
379893.5, 3782178.4,	236.0,	236.0,	0.0);	(
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379933.1, 3782149.1,	236.0,	236.0,	0.0);	(
(379952.9, 3782134.4,	236.0,	236.0,	0.0);	(
379972.7, 3782119.7,	236.0,	236.0,	0.0);	(
(379992.5, 3782105.0,	236.0,	236.0,	0.0);	(
380012.3, 3782090.4,	236.0,	236.0,	0.0);	(
(380032.1, 3782075.7,	236.0,	236.0,	0.0);	(
380051.9, 3782061.0,	236.0,	236.0,	0.0);	(
(380056.2, 3782024.9,	236.0,	236.0,	0.0);	(
380028.7, 3781991.9,	236.0,	236.0,	0.0);	(
(379981.1, 3781971.2,	236.0,	236.0,	0.0);	(
379961.4, 3781985.5,	236.0,	236.0,	0.0);	(
(379941.8, 3781999.8,	236.0,	236.0,	0.0);	(
379922.1, 3782014.0,	236.0,	236.0,	0.0);	(
(379902.5, 3782028.3,	236.0,	236.0,	0.0);	(
379882.8, 3782042.6,	236.0,	236.0,	0.0);	(
(379863.2, 3782056.9,	236.0,	236.0,	0.0);	(
379843.5, 3782071.2,	236.0,	236.0,	0.0);	(
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379804.2, 3782099.7,	236.0,	236.0,	0.0);	(
(379784.6, 3782114.0,	236.0,	236.0,	0.0);	(
379765.0, 3782128.3,	236.0,	236.0,	0.0);	(

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(379432.2, 3782316.3, 236.0, 236.0, 0.0); (

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(379393.5, 3782347.3, 236.0, 236.0, 0.0); (

379374.1, 3782362.8, 236.0, 236.0, 0.0);

(379354.8, 3782378.3, 236.0, 236.0, 0.0); (

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(379316.0, 3782409.4, 236.0, 236.0, 0.0); (

379296.7, 3782424.9, 236.0, 236.0, 0.0);

(379277.3, 3782440.4, 236.0, 236.0, 0.0); (

379258.0, 3782455.9, 236.0, 236.0, 0.0);

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378824.3, 3782815.4, 236.0, 236.0, 0.0);

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Burbank_Bridge_Construction_Area\HSR_B *** 12/16/19
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(378807.2, 3782832.3,	236.0,	236.0,	0.0);	(
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378756.0, 3782883.2,	236.0,	236.0,	0.0);	(
(378738.9, 3782900.2,	236.0,	236.0,	0.0);	(
378721.8, 3782917.1,	236.0,	236.0,	0.0);	(
(378704.8, 3782934.1,	236.0,	236.0,	0.0);	(
378687.7, 3782951.1,	236.0,	236.0,	0.0);	(
(378670.6, 3782968.0,	236.0,	236.0,	0.0);	(
378653.5, 3782985.0,	236.0,	236.0,	0.0);	(
(378636.5, 3783001.9,	236.0,	236.0,	0.0);	(
378619.4, 3783018.9,	236.0,	236.0,	0.0);	(
(378613.7, 3782987.2,	236.0,	236.0,	0.0);	(
378594.5, 3782972.5,	236.0,	236.0,	0.0);	(
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(378453.2, 3782934.3,	236.0,	236.0,	0.0);	(
378447.7, 3782956.3,	236.0,	236.0,	0.0);	(
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378380.5, 3783061.4,	236.0,	236.0,	0.0);	(
(378401.1, 3783072.4,	236.0,	236.0,	0.0);	(
378421.7, 3783083.5,	236.0,	236.0,	0.0);	(
(378442.3, 3783094.5,	236.0,	236.0,	0.0);	(
378463.0, 3783105.5,	236.0,	236.0,	0.0);	(
(378451.6, 3783128.4,	236.0,	236.0,	0.0);	(
378445.4, 3783162.0,	236.0,	236.0,	0.0);	(
(378436.4, 3783184.0,	236.0,	236.0,	0.0);	(
378427.5, 3783206.0,	236.0,	236.0,	0.0);	(
(378418.6, 3783228.0,	236.0,	236.0,	0.0);	(
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(378117.0, 3783299.5, 236.0, 236.0, 0.0); (

378066.2, 3783308.4, 236.0, 236.0, 0.0);

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(377880.7, 3783541.9, 236.0, 236.0, 0.0); (

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377855.3, 3783610.4, 236.0, 236.0, 0.0);

(377846.8, 3783633.3, 236.0, 236.0, 0.0); (

377838.3, 3783656.1, 236.0, 236.0, 0.0);

(377829.9, 3783679.0, 236.0, 236.0, 0.0); (

377821.4, 3783701.8, 236.0, 236.0, 0.0);

(377824.1, 3783733.1, 236.0, 236.0, 0.0); (

377831.4, 3783767.9, 236.0, 236.0, 0.0);

(377871.3, 3783782.4, 236.0, 236.0, 0.0); (

377909.8, 3783752.2, 236.0, 236.0, 0.0);

(377844.9, 3783710.5, 236.0, 236.0, 0.0); (

377954.9, 3783413.5, 236.0, 236.0, 0.0);

(377993.4, 3783405.2, 236.0, 236.0, 0.0); (

378073.2, 3783361.2, 236.0, 236.0, 0.0);

(378089.7, 3783317.2, 236.0, 236.0, 0.0); (

378169.4, 3783341.9, 236.0, 236.0, 0.0);

(378177.7, 3783311.7, 236.0, 236.0, 0.0); (

378207.9, 3783325.4, 236.0, 236.0, 0.0);

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(378229.9, 3783275.9,	236.0,	236.0,	0.0);	(
378348.2, 3783317.2,	236.0,	236.0,	0.0);	(
(378315.2, 3783397.0,	236.0,	236.0,	0.0);	(
378370.2, 3783413.5,	236.0,	236.0,	0.0);	(
(378477.5, 3783149.4,	236.0,	236.0,	0.0);	(
378474.7, 3783083.4,	236.0,	236.0,	0.0);	(
(378351.0, 3783017.4,	236.0,	236.0,	0.0);	(
378370.2, 3782978.9,	236.0,	236.0,	0.0);	(
(378461.0, 3783006.4,	236.0,	236.0,	0.0);	(
378483.0, 3782918.4,	236.0,	236.0,	0.0);	(
(378637.0, 3783036.6,	236.0,	236.0,	0.0);	(
379046.8, 3782629.6,	236.0,	236.0,	0.0);	(
(379060.6, 3782646.1,	236.0,	236.0,	0.0);	(
379544.7, 3782258.2,	236.0,	236.0,	0.0);	(
(379583.2, 3782291.2,	236.0,	236.0,	0.0);	(
379995.8, 3781991.4,	236.0,	236.0,	0.0);	(
(380037.0, 3782040.9,	236.0,	236.0,	0.0);	(
379442.9, 3782481.0,	236.0,	236.0,	0.0);	(
(379415.4, 3782481.0,	236.0,	236.0,	0.0);	(
378854.3, 3782973.4,	236.0,	236.0,	0.0);	(
(378477.5, 3783388.7,	236.0,	236.0,	0.0);	(
378455.5, 3783446.5,	236.0,	236.0,	0.0);	(
(378513.2, 3783465.7,	236.0,	236.0,	0.0);	(
378488.5, 3783512.5,	236.0,	236.0,	0.0);	(
(378406.0, 3783479.5,	236.0,	236.0,	0.0);	(
378012.6, 3783826.0,	236.0,	236.0,	0.0);	(
(377894.4, 3783732.5,	236.0,	236.0,	0.0);	(
377855.9, 3783762.8,	236.0,	236.0,	0.0);	(

8.23, 10.80, 1.54, 3.09, 5.14,

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 *** 15:46:23

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF

METEOROLOGICAL DATA ***

Surface file: KBUR_v9.SFC
 Met Version: 16216
 Profile file: KBUR_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 23152 Upper air station no.:
 3190
 Name: UNKNOWN Name:
 UNKNOWN Year: 2012 Year:
 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0
BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT					
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	01	01	1	01	-23.4	0.241	-9.000	-9.000	-999.	285.	64.1	0.16	
3.02	1.00			2.45	359.	7.9	286.4	2.0					
12	01	01	1	02	-11.3	0.143	-9.000	-9.000	-999.	134.	23.1	0.16	
3.02	1.00			1.50	289.	7.9	284.9	2.0					
12	01	01	1	03	-4.8	0.092	-9.000	-9.000	-999.	68.	14.5	0.16	
3.02	1.00			0.99	300.	7.9	283.8	2.0					
12	01	01	1	04	-8.1	0.121	-9.000	-9.000	-999.	100.	19.1	0.16	
3.02	1.00			1.28	295.	7.9	284.2	2.0					
12	01	01	1	05	-2.9	0.074	-9.000	-9.000	-999.	49.	12.3	0.16	
3.02	1.00			0.75	323.	7.9	282.5	2.0					
12	01	01	1	06	-11.3	0.143	-9.000	-9.000	-999.	130.	23.0	0.16	
3.02	1.00			1.50	306.	7.9	283.1	2.0					
12	01	01	1	07	-16.9	0.176	-9.000	-9.000	-999.	178.	34.3	0.16	
3.02	1.00			1.82	315.	7.9	284.9	2.0					
12	01	01	1	08	-8.8	0.134	-9.000	-9.000	-999.	118.	24.3	0.16	
3.02	0.55			1.40	323.	7.9	287.0	2.0					
12	01	01	1	09	36.3	0.171	0.339	0.008	38.	169.	-12.2	0.16	
3.02	0.32			1.31	23.	7.9	288.8	2.0					
12	01	01	1	10	110.9	0.119	0.729	0.009	124.	99.	-1.4	0.16	
3.02	0.24			0.62	163.	7.9	292.0	2.0					
12	01	01	1	11	165.2	0.157	1.185	0.005	358.	149.	-2.1	0.16	
3.02	0.21			0.89	112.	7.9	296.4	2.0					
12	01	01	1	12	192.9	0.184	1.540	0.005	672.	189.	-2.8	0.16	
3.02	0.20			1.11	225.	7.9	299.2	2.0					
12	01	01	1	13	192.1	0.199	1.840	0.005	1152.	213.	-3.6	0.16	
3.02	0.20			1.26	250.	7.9	299.9	2.0					

12	01	01	1	14	164.6	0.270	1.886	0.005	1447.	337.	-10.6	0.16
3.02		0.21			2.03	273.	7.9	300.4	2.0			
12	01	01	1	15	111.1	0.289	1.699	0.005	1566.	373.	-19.3	0.16
3.02		0.25			2.35	270.	7.9	300.4	2.0			
12	01	01	1	16	35.3	0.338	1.167	0.005	1596.	472.	-96.9	0.16
3.02		0.33			3.12	289.	7.9	298.8	2.0			
12	01	01	1	17	-20.8	0.255	-9.000	-9.000	-999.	312.	71.4	0.16
3.02		0.60			2.57	318.	7.9	296.4	2.0			
12	01	01	1	18	-35.0	0.369	-9.000	-9.000	-999.	538.	149.9	0.16
3.02		1.00			3.68	320.	7.9	293.8	2.0			
12	01	01	1	19	-27.7	0.291	-9.000	-9.000	-999.	380.	93.2	0.16
3.02		1.00			2.93	345.	7.9	292.0	2.0			
12	01	01	1	20	-20.7	0.216	-9.000	-9.000	-999.	243.	51.2	0.16
3.02		1.00			2.20	325.	7.9	290.4	2.0			
12	01	01	1	21	-8.5	0.124	-9.000	-9.000	-999.	108.	19.8	0.16
3.02		1.00			1.31	359.	7.9	288.1	2.0			
12	01	01	1	22	-7.4	0.116	-9.000	-9.000	-999.	94.	18.4	0.16
3.02		1.00			1.23	304.	7.9	287.5	2.0			
12	01	01	1	23	-6.3	0.106	-9.000	-9.000	-999.	82.	16.7	0.16
3.02		1.00			1.13	314.	7.9	285.9	2.0			
12	01	01	1	24	-19.7	0.203	-9.000	-9.000	-999.	220.	45.5	0.16
3.02		1.00			2.08	319.	7.9	287.0	2.0			

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	359.	2.45	286.5	99.0	-99.00	-99.00

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

COORD	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
377912.66	377878.86	3783752.13	632.49546	(16121306)	
377980.25	3783778.85	498.93209	(13091606)		
378047.91	377946.45	3783805.57	450.13465	(13091606)	
378085.37	3783832.29	434.65907	(12051606)		
378122.83	378029.18	3783844.80	424.50235	(12051606)	
378160.28	3783828.29	439.87656	(12051606)		
378197.74	378066.64	3783811.79	456.11100	(12051606)	
378235.20	3783795.29	472.95343	(12051606)		
378272.66	378104.10	3783778.78	490.72253	(12051606)	
378310.12	3783762.28	509.74715	(12051606)		
378347.58	378141.55	3783745.78	529.42438	(12051606)	
378518.83	3783729.27	550.35639	(12051606)		
	378179.01	3783712.77	572.76323	(12051606)	
	3783696.27	597.60134	(12051606)		
	378216.47	3783679.76	623.56000	(12051606)	
	3783663.26	648.65984	(12051606)		
	378253.93	3783646.76	680.70315	(12051606)	
	3783630.25	715.64840	(12051606)		
	378291.39	3783613.75	760.75000	(13070806)	
	3783597.25	821.30024	(13070806)		
	378328.85	3783580.74	895.57750	(13070806)	
	3783564.24	984.56438	(13070806)		
	378366.31	3783547.74	1088.40462	(13070806)	
	3783531.23	1302.35706	(12100307)		
	378403.77	3783514.73	1611.06155	(12100307)	
	378422.50	3783498.23	2193.99933	(12031407)	
	378437.94	3783519.19	1608.49921	(13070806)	
	378479.19	3783535.69	1584.22734	(14020408)	
	378503.83	3783530.06	1736.07420	(15050106)	
	378518.83	3783508.59	2229.38164	(16021108)	

	378535.33	3783477.42	2018.22315	(14040407)
378528.80	3783449.21	1777.83539	(12021008)	
	378501.89	3783435.59	1752.84510	(12021008)
378500.84	3783397.60	1487.29581	(14021308)	
	378528.76	3783369.38	1025.86493	(13032007)
378545.15	3783351.33	936.26312	(13032007)	
	378561.53	3783333.27	875.79804	(13032007)
378577.91	3783315.21	833.83827	(13032007)	
	378594.30	3783297.15	822.16906	(14021308)
378610.68	3783279.10	798.70844	(13032007)	
	378627.06	3783261.04	754.41372	(13032007)
378643.45	3783242.98	740.25089	(13032007)	
	378659.83	3783224.92	714.01304	(13032007)
378676.21	3783206.87	690.14093	(13032007)	
	378692.60	3783188.81	667.08993	(13032007)
378708.98	3783170.75	648.99126	(13032007)	
	378725.36	3783152.70	629.74076	(13032007)
378741.75	3783134.64	611.39477	(13032007)	
	378758.13	3783116.58	588.20681	(13032007)
378774.51	3783098.52	571.08703	(13032007)	
	378790.90	3783080.47	554.67231	(13032007)
378807.28	3783062.41	543.30328	(14072406)	
	378823.66	3783044.35	533.83736	(14072406)
378840.05	3783026.29	525.15818	(14072406)	
	378856.43	3783008.24	516.22552	(14072406)
378872.81	3782990.18	507.82570	(14072406)	
	378908.20	3782959.35	468.13546	(14072406)
378926.90	3782942.94	453.65991	(14072406)	
	378945.60	3782926.53	436.01804	(14072406)
378964.31	3782910.12	426.60894	(14072406)	
	378983.01	3782893.70	413.90347	(14072406)
379001.71	3782877.29	404.27776	(14072406)	
	379020.42	3782860.88	374.31554	(12072006)
379039.12	3782844.47	361.07610	(14072406)	
	379057.83	3782828.06	347.99157	(14072406)
379076.53	3782811.65	337.05237	(14031106)	
	379095.23	3782795.24	329.92353	(16040406)
379113.94	3782778.82	338.27332	(14072406)	
	379132.64	3782762.41	330.66155	(14072406)
379151.34	3782746.00	323.47818	(14072406)	
	379170.05	3782729.59	316.35200	(14072406)
379188.75	3782713.18	309.86280	(14072406)	
	379207.45	3782696.77	306.58700	(14072406)
379226.16	3782680.36	323.07694	(12030506)	
	379244.86	3782663.95	317.93903	(14072406)
379263.57	3782647.53	310.28593	(14072406)	
	379282.27	3782631.12	309.39042	(13032007)
379300.97	3782614.71	309.59375	(14072406)	
	379319.68	3782598.30	293.98662	(13032007)
379338.38	3782581.89	292.50422	(13032007)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF CO IN	
			**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
379357.08	3782565.48	302.62867	(12052806)	
379375.79	3782549.07	300.51661	(14040407)	
379394.49	3782532.65	304.52106	(13032007)	
379413.19	3782516.24	302.89339	(13032007)	
379431.90	3782499.83	306.39053	(13032007)	
379457.79	3782501.13	261.50719	(13032007)	
379477.59	3782486.46	261.04577	(13032007)	
379497.40	3782471.79	260.47467	(13032007)	
379517.20	3782457.12	263.66688	(12091806)	
379537.01	3782442.45	261.00167	(13032007)	
379556.81	3782427.78	259.21401	(13032007)	
379576.61	3782413.11	257.15885	(13032007)	
379596.42	3782398.44	254.83535	(13032007)	
379616.22	3782383.77	252.32948	(13032007)	
379636.02	3782369.10	249.69439	(13032007)	
379655.83	3782354.43	247.79980	(13032007)	
379675.63	3782339.76	272.89248	(13032007)	
379695.43	3782325.09	261.08363	(13032007)	
379715.24	3782310.42	255.94787	(13032007)	
379735.04	3782295.75	254.71985	(13032007)	
379754.85	3782281.08	250.57735	(13032007)	
379774.65	3782266.41	254.00802	(13032007)	
379794.45	3782251.74	247.24833	(12013008)	
379814.26	3782237.07	282.04287	(12062806)	
379834.06	3782222.41	289.08190	(13070806)	
379853.86	3782207.74	294.99917	(13070806)	
379873.67	3782193.07	303.24531	(13070806)	
379893.47	3782178.40	314.50499	(13070806)	
379913.28	3782163.73	307.02803	(13070806)	
379933.08	3782149.06	334.53568	(12062806)	

	379952.88	3782134.39	383.05741	(12062806)
379972.69	3782119.72	408.71398	(12062806)	
	379992.49	3782105.05	480.50503	(12052806)
380012.29	3782090.38	592.23837	(12100307)	
	380032.10	3782075.71	593.60073	(14020408)
380051.90	3782061.04	588.35728	(16021108)	
	380056.22	3782024.94	763.32542	(12112308)
380028.72	3781991.94	1396.35228	(14072406)	
	379981.06	3781971.23	1045.75201	(14053006)
379961.42	3781985.50	1085.78002	(15061806)	
	379941.77	3781999.78	979.08687	(13062606)
379922.13	3782014.05	621.97186	(12042006)	
	379902.48	3782028.33	516.21482	(12032207)
379882.83	3782042.61	441.51240	(15100806)	
	379863.19	3782056.88	403.66877	(16061706)
379843.54	3782071.16	406.38474	(13062606)	
	379823.89	3782085.44	398.86742	(16061706)
379804.25	3782099.71	396.77412	(16061706)	
	379784.60	3782113.99	394.98348	(16061706)
379764.96	3782128.26	393.90077	(16061706)	
	379745.31	3782142.54	393.09286	(16061706)
379725.66	3782156.82	396.32351	(16033007)	
	379706.02	3782171.09	403.46190	(16061706)
379686.37	3782185.37	408.12399	(16061706)	
	379666.72	3782199.64	408.03496	(16061706)
379647.08	3782213.92	409.39270	(16061706)	
	379627.43	3782228.20	411.53041	(16061706)
379607.79	3782242.47	415.32011	(16061706)	
	379588.14	3782256.75	427.99189	(16061706)
379568.49	3782271.03	434.80852	(16061706)	
	379560.95	3782239.27	327.14503	(16061706)
379529.05	3782238.74	292.10970	(16061706)	
	379509.69	3782254.25	295.20960	(16061706)
379490.32	3782269.76	298.29490	(12121008)	
	379470.96	3782285.28	302.21528	(12121008)
379451.59	3782300.79	306.12902	(12121008)	
	379432.23	3782316.30	309.77244	(12121008)
379412.87	3782331.82	313.36445	(12121008)	
	379393.50	3782347.33	316.73236	(12121008)
379374.14	3782362.84	315.46996	(12121008)	
	379354.78	3782378.35	319.41669	(12121008)
379335.41	3782393.87	322.71760	(12121008)	
	379316.05	3782409.38	324.83954	(12121008)
379296.69	3782424.89	327.73662	(16031707)	
	379277.32	3782440.41	332.73609	(16031707)
379257.96	3782455.92	331.59748	(12100107)	
	379238.60	3782471.43	316.36540	(14053006)
379219.23	3782486.94	327.33579	(14053006)	
	379199.87	3782502.46	346.90480	(14053006)
379180.50	3782517.97	289.63985	(14120808)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)		
379161.14	3782533.48	294.11181	(12042006)		
379141.78	3782549.00	287.27001	(14011308)		
379122.41	3782564.51	289.36458	(14011308)		
379103.05	3782580.02	286.91109	(16031707)		
379083.69	3782595.53	287.74924	(16031707)		
379064.32	3782611.05	288.82088	(16031707)		
379044.96	3782626.56	290.02390	(16031707)		
379079.80	3782630.07	333.98691	(16031707)		
379012.15	3782628.78	265.66698	(16031707)		
378995.07	3782645.75	270.82909	(16031707)		
378977.99	3782662.71	275.93753	(16031707)		
378960.92	3782679.67	281.15170	(16031707)		
378943.84	3782696.63	286.52488	(16031707)		
378926.76	3782713.59	292.05491	(16031707)		
378909.69	3782730.55	297.19171	(16031707)		
378892.61	3782747.52	302.42931	(16031707)		
378875.54	3782764.48	307.56041	(16031707)		
378858.46	3782781.44	312.68180	(16031707)		
378841.38	3782798.40	317.03792	(16031707)		
378824.31	3782815.36	311.93235	(16031707)		
378807.23	3782832.32	314.74724	(16031707)		
378790.15	3782849.29	317.42323	(16031707)		
378773.08	3782866.25	320.79489	(16031707)		
378756.00	3782883.21	328.70358	(16031707)		
378738.93	3782900.17	331.31126	(16031707)		
378721.85	3782917.13	334.32751	(16031707)		
378704.77	3782934.09	337.57739	(16031707)		
378687.70	3782951.06	341.32695	(16031707)		
378670.62	3782968.02	345.60920	(16031707)		
378653.54	3782984.98	350.34115	(16031707)		

	378636.47	3783001.94	351.28345	(16031707)
378619.39	3783018.90	358.42906	(16031707)	
	378613.73	3782987.24	322.01900	(14100307)
378594.47	3782972.46	323.26553	(12100107)	
	378575.22	3782957.68	327.70031	(12100107)
378555.97	3782942.89	327.60185	(12100107)	
	378536.71	3782928.11	323.68877	(12100107)
378517.46	3782913.32	316.62678	(12100107)	
	378498.21	3782898.54	306.89164	(12100107)
378466.74	3782903.54	301.34839	(12100107)	
	378453.23	3782934.31	315.27536	(12100107)
378447.73	3782956.31	327.77321	(12100107)	
	378442.23	3782978.31	341.32733	(12100107)
378400.15	3782961.83	303.84743	(12100107)	
	378377.46	3782954.95	301.63471	(14053006)
378347.85	3782967.70	318.34816	(14053006)	
	378328.60	3783006.21	344.71688	(14053006)
378339.20	3783039.45	366.46589	(14053006)	
	378359.82	3783050.45	369.92961	(14053006)
378380.45	3783061.45	380.25677	(12100107)	
	378401.08	3783072.45	404.78820	(12100107)
378421.71	3783083.46	423.90892	(12100107)	
	378442.34	3783094.46	440.61506	(12100107)
378462.97	3783105.46	456.22611	(12100107)	
	378451.58	3783128.45	479.88344	(12100107)
378445.38	3783162.00	522.28220	(12100107)	
	378436.44	3783184.01	554.56360	(12100107)
378427.50	3783206.01	591.19288	(12100107)	
	378418.56	3783228.02	633.51058	(12100107)
378409.62	3783250.02	681.11712	(12100107)	
	378400.68	3783272.03	735.83706	(12100107)
378391.74	3783294.03	807.05991	(12100107)	
	378382.80	3783316.03	920.69348	(12100107)
378373.87	3783338.04	1069.13195	(12100107)	
	378364.93	3783360.04	1288.28973	(12100107)
378355.99	3783382.05	1681.73899	(12100107)	
	378347.05	3783404.05	2785.25465	(14053006)
378377.39	3783389.51	1789.48596	(12100107)	
	378356.44	3783293.59	834.47363	(12100107)
378317.02	3783279.83	791.18879	(12100107)	
	378277.60	3783266.08	727.05901	(14053006)
378238.17	3783252.33	720.84082	(15120407)	
	378213.55	3783259.38	807.74506	(12013006)
378199.76	3783282.28	1043.26979	(14091506)	
	378160.31	3783297.08	1230.76130	(15032607)
378149.43	3783320.24	1313.46855	(15032607)	
	378117.01	3783299.50	1003.58509	(13062606)
378066.25	3783308.41	865.78407	(13062606)	
	378058.00	3783330.42	789.98024	(13062606)
378049.75	3783352.42	762.29867	(15080306)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
378021.20	3783361.32	649.67480 (12042006)	
378001.26	3783372.32	600.30080 (12042006)	
377981.31	3783383.32	559.84362 (12032207)	
377949.64	3783389.01	504.52041 (12032207)	
377931.44	3783404.78	474.78756 (12032207)	
377922.97	3783427.63	452.12638 (15100806)	
377914.51	3783450.48	428.48076 (15091606)	
377906.05	3783473.33	424.41984 (12050806)	
377897.58	3783496.18	420.03880 (12050806)	
377889.12	3783519.03	405.09552 (16020808)	
377880.66	3783541.88	386.45521 (16020808)	
377872.19	3783564.73	367.54018 (14022006)	
377863.73	3783587.58	354.77865 (14022006)	
377855.27	3783610.43	353.07955 (16050306)	
377846.81	3783633.28	356.88769 (16050306)	
377838.34	3783656.13	370.97597 (16050306)	
377829.88	3783678.98	417.52920 (16050306)	
377821.42	3783701.83	455.42229 (14073006)	
377824.07	3783733.08	522.44114 (14073006)	
377831.41	3783767.92	535.05339 (16121306)	
377871.32	3783782.43	512.30556 (16082306)	
377909.82	3783752.18	578.77841 (16082306)	
377844.86	3783710.51	622.36820 (14073006)	
377954.88	3783413.46	505.80005 (12032207)	
377993.39	3783405.21	592.11530 (12032207)	
378073.16	3783361.20	868.50914 (15080306)	
378089.66	3783317.19	999.53056 (13062606)	
378169.42	3783341.95	2008.28530 (13062606)	
378177.68	3783311.69	1345.57412 (15032607)	
378207.93	3783325.44	1547.75674 (15061806)	

	378229.94	3783275.93	901.98687	(12013006)
378348.21	3783317.19	950.19217	(12100107)	
	378315.20	3783396.96	3072.21309	(15061806)
378370.21	3783413.46	3044.84227	(14053006)	
	378477.48	3783149.41	513.51251	(12100107)
378474.73	3783083.40	435.18432	(12100107)	
	378350.96	3783017.39	348.60872	(14053006)
378370.21	3782978.88	318.22294	(14053006)	
	378460.98	3783006.38	368.21210	(12100107)
378482.98	3782918.37	314.93564	(12100107)	
	378637.01	3783036.64	403.34394	(16031707)
379046.84	3782629.56	295.92626	(14011308)	
	379060.59	3782646.07	334.62231	(16031707)
379544.68	3782258.25	345.32555	(16061706)	
	379583.19	3782291.25	666.17439	(16061706)
379995.76	3781991.45	2440.21309	(12100107)	
	380037.02	3782040.95	944.71672	(16021108)
379442.91	3782481.04	343.09036	(13032007)	
	379415.41	3782481.04	453.13356	(13032007)
378854.30	3782973.38	879.68032	(12062706)	
	378477.48	3783388.70	1667.62874	(13032007)
378455.48	3783446.47	3160.95156	(12021008)	
	378513.24	3783465.72	2556.44421	(12112308)
378488.48	3783512.48	2593.95602	(15050106)	
	378405.97	3783479.47	2858.17174	(15050106)
378012.65	3783826.04	445.30959	(12051606)	
	377894.37	3783732.52	760.36310	(16121306)
377855.87	3783762.77	589.09188	(16121306)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF CO	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
377878.86	3783752.13	203.43191	(16120808)	
377912.66	3783778.85	145.10566	(16120808)	
377946.45	3783805.57	111.24401	(16120808)	
377980.25	3783832.29	106.32499	(16121208)	
378029.18	3783844.80	110.16436	(16121208)	
378047.91	3783828.29	115.11217	(16121208)	
378066.64	3783811.79	120.42663	(16121208)	
378085.37	3783795.29	126.03673	(16121208)	
378104.10	3783778.78	131.95786	(16121208)	
378122.83	3783762.28	138.32652	(16121208)	
378141.55	3783745.78	144.92750	(16121208)	
378160.28	3783729.27	151.64367	(16121208)	
378179.01	3783712.77	158.58693	(16121208)	
378197.74	3783696.27	166.14235	(16121208)	
378216.47	3783679.76	174.29686	(16121208)	
378235.20	3783663.26	182.65684	(16121208)	
378253.93	3783646.76	191.93046	(16121208)	
378272.66	3783630.25	202.69491	(16121208)	
378291.39	3783613.75	214.55724	(16121208)	
378310.12	3783597.25	228.75693	(16121208)	
378328.85	3783580.74	245.45091	(16121208)	
378347.58	3783564.24	265.38557	(16121208)	
378366.31	3783547.74	291.72572	(16121208)	
378385.04	3783531.23	343.68879c	(12110708)	
378403.77	3783514.73	436.22625c	(12110708)	
378422.50	3783498.23	624.45628c	(12110708)	
378437.94	3783519.19	420.93844c	(12110708)	
378479.19	3783535.69	346.13091	(15020208)	
378503.83	3783530.06	358.25458c	(12103008)	
378518.83	3783508.59	512.49664c	(13120608)	

	378535.33	3783477.42	566.31132	(12021008)
378528.80	3783449.21	603.36903	(12021008)	
	378501.89	3783435.59	591.31432	(12021008)
378500.84	3783397.60	439.21501	(12020608)	
	378528.76	3783369.38	311.57418	(12020608)
378545.15	3783351.33	283.78351	(12020608)	
	378561.53	3783333.27	265.55567	(12020608)
378577.91	3783315.21	251.99785	(12020608)	
	378594.30	3783297.15	247.02645c	(12112108)
378610.68	3783279.10	237.87507	(12020608)	
	378627.06	3783261.04	225.27953	(12020608)
378643.45	3783242.98	216.94503c	(12112108)	
	378659.83	3783224.92	208.58269c	(12112108)
378676.21	3783206.87	201.31914c	(12112108)	
	378692.60	3783188.81	194.32615c	(12112108)
378708.98	3783170.75	188.15840c	(12112108)	
	378725.36	3783152.70	182.69735c	(12112108)
378741.75	3783134.64	177.39157c	(12112108)	
	378758.13	3783116.58	172.34816c	(12112108)
378774.51	3783098.52	167.72436c	(12112108)	
	378790.90	3783080.47	162.21376c	(12112108)
378807.28	3783062.41	158.06720c	(12112108)	
	378823.66	3783044.35	154.19359c	(12112108)
378840.05	3783026.29	152.52023c	(12112108)	
	378856.43	3783008.24	149.27434c	(12112108)
378872.81	3782990.18	146.17257c	(12112108)	
	378908.20	3782959.35	131.05992c	(12112108)
378926.90	3782942.94	125.25713c	(12112108)	
	378945.60	3782926.53	120.19630c	(12112108)
378964.31	3782910.12	116.74514c	(12112108)	
	378983.01	3782893.70	111.35501	(13122608)
379001.71	3782877.29	109.34921	(14010708)	
	379020.42	3782860.88	107.26359c	(12112108)
379039.12	3782844.47	104.76285c	(12112108)	
	379057.83	3782828.06	102.28422c	(12112108)
379076.53	3782811.65	99.85636c	(12112108)	
	379095.23	3782795.24	98.47201c	(12112108)
379113.94	3782778.82	96.41483c	(12112108)	
	379132.64	3782762.41	94.12582c	(12112108)
379151.34	3782746.00	93.49611c	(12112108)	
	379170.05	3782729.59	95.22562	(14010708)
379188.75	3782713.18	93.58269	(14010708)	
	379207.45	3782696.77	102.09656c	(12112108)
379226.16	3782680.36	103.42816c	(12112108)	
	379244.86	3782663.95	102.44565c	(12112108)
379263.57	3782647.53	104.06849c	(12112108)	
	379282.27	3782631.12	103.64753c	(12112108)
379300.97	3782614.71	104.27547c	(12112108)	
	379319.68	3782598.30	104.29924c	(12112108)
379338.38	3782581.89	104.40991c	(12112108)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF CO	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
379357.08	3782565.48	98.87578c	(12112108)	
379375.79	3782549.07	101.23666c	(12112108)	
379394.49	3782532.65	110.09561c	(12112108)	
379413.19	3782516.24	108.84238c	(12112108)	
379431.90	3782499.83	111.35692c	(12112108)	
379457.79	3782501.13	90.98440c	(12112108)	
379477.59	3782486.46	92.88325c	(12112108)	
379497.40	3782471.79	89.29995c	(12112108)	
379517.20	3782457.12	87.98744c	(12112108)	
379537.01	3782442.45	86.50149c	(12112108)	
379556.81	3782427.78	84.92507c	(12112108)	
379576.61	3782413.11	83.81629c	(12112108)	
379596.42	3782398.44	82.40671c	(12112108)	
379616.22	3782383.77	81.98531c	(12112108)	
379636.02	3782369.10	81.69339c	(12112108)	
379655.83	3782354.43	80.87283c	(12112108)	
379675.63	3782339.76	86.94812c	(12112108)	
379695.43	3782325.09	84.19298c	(12112108)	
379715.24	3782310.42	81.70824c	(12112108)	
379735.04	3782295.75	81.11662c	(12112108)	
379754.85	3782281.08	79.18911c	(12112108)	
379774.65	3782266.41	79.86777c	(12112108)	
379794.45	3782251.74	80.84569c	(12112108)	
379814.26	3782237.07	82.16294c	(12112108)	
379834.06	3782222.41	82.25993c	(12112108)	
379853.86	3782207.74	83.54842c	(12112108)	
379873.67	3782193.07	85.93977c	(12112108)	
379893.47	3782178.40	87.71966c	(12112108)	
379913.28	3782163.73	89.59383c	(12112108)	
379933.08	3782149.06	90.92834c	(12112108)	

	379952.88	3782134.39	92.95028c	(12112108)
379972.69	3782119.72	96.71723	(13021408)	
	379992.49	3782105.05	110.65098	(12032308)
380012.29	3782090.38	126.39953c	(15042008)	
	380032.10	3782075.71	154.05839c	(12112108)
380051.90	3782061.04	149.36770c	(12112108)	
	380056.22	3782024.94	258.49423	(12021008)
380028.72	3781991.94	410.38265	(15123108)	
	379981.06	3781971.23	334.00869c	(14011008)
379961.42	3781985.50	245.13502	(14011508)	
	379941.77	3781999.78	178.14220	(15122908)
379922.13	3782014.05	155.84435	(12120608)	
	379902.48	3782028.33	130.11554	(15123108)
379882.83	3782042.61	128.98755	(15123108)	
	379863.19	3782056.88	127.92373	(15123108)
379843.54	3782071.16	126.94362	(15123108)	
	379823.89	3782085.44	126.07641	(15123108)
379804.25	3782099.71	125.30836	(15123108)	
	379784.60	3782113.99	124.60488	(15123108)
379764.96	3782128.26	123.99171	(15123108)	
	379745.31	3782142.54	123.55706	(15123108)
379725.66	3782156.82	123.92672	(15123108)	
	379706.02	3782171.09	123.83639	(15123108)
379686.37	3782185.37	126.01438	(15123108)	
	379666.72	3782199.64	126.29600	(15123108)
379647.08	3782213.92	127.51325	(15123108)	
	379627.43	3782228.20	127.77251	(15123108)
379607.79	3782242.47	128.91069	(15123108)	
	379588.14	3782256.75	132.53585	(15123108)
379568.49	3782271.03	134.58967	(15123108)	
	379560.95	3782239.27	98.91624	(15123108)
379529.05	3782238.74	87.90435	(15123108)	
	379509.69	3782254.25	88.79526	(15123108)
379490.32	3782269.76	89.65291	(15123108)	
	379470.96	3782285.28	90.52610	(15123108)
379451.59	3782300.79	91.27224	(15123108)	
	379432.23	3782316.30	92.00719	(15123108)
379412.87	3782331.82	92.45130	(15123108)	
	379393.50	3782347.33	92.44912	(15123108)
379374.14	3782362.84	93.17594	(15123108)	
	379354.78	3782378.35	93.33108	(15123108)
379335.41	3782393.87	93.78022	(15123108)	
	379316.05	3782409.38	93.91850	(15123108)
379296.69	3782424.89	94.86652	(16020508)	
	379277.32	3782440.41	97.64388	(16020508)
379257.96	3782455.92	109.44419c	(14011008)	
	379238.60	3782471.43	112.11496c	(14011008)
379219.23	3782486.94	106.45520c	(14011008)	
	379199.87	3782502.46	99.33358c	(14011008)
379180.50	3782517.97	85.78459c	(14011008)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Burbank_Bridge_Construction_Area\HSR_B *** 12/16/19
 *** AERMET - VERSION 16216 *** ***
 *** 15:46:23

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

379161.14	3782533.48	82.56392	(14011308)	
379141.78	3782549.00	81.72397	(13021108)	
379122.41	3782564.51	81.75365	(16021508)	
379103.05	3782580.02	82.96647	(16021508)	
379083.69	3782595.53	82.26780	(16021508)	
379064.32	3782611.05	82.84067	(16021508)	
379044.96	3782626.56	89.33302	(16021508)	
379079.80	3782630.07	100.03981	(16021508)	
379012.15	3782628.78	77.67170	(16021508)	
378995.07	3782645.75	79.09027	(16021508)	
378977.99	3782662.71	80.53553	(16021508)	
378960.92	3782679.67	81.91284	(16021508)	
378943.84	3782696.63	83.20947	(16021508)	
378926.76	3782713.59	84.48723	(16021508)	
378909.69	3782730.55	85.73979	(16021508)	
378892.61	3782747.52	86.99781	(16021508)	
378875.54	3782764.48	86.74140	(16021508)	
378858.46	3782781.44	87.82513	(16021508)	
378841.38	3782798.40	90.30446c	(12120508)	
378824.31	3782815.36	91.39310c	(12120508)	
378807.23	3782832.32	88.64358c	(12120508)	
378790.15	3782849.29	90.54840	(15012308)	
378773.08	3782866.25	95.51836	(14011308)	
378756.00	3782883.21	93.21153c	(12120508)	
378738.93	3782900.17	97.21961c	(12120508)	
378721.85	3782917.13	98.30286c	(12120508)	
378704.77	3782934.09	99.56962c	(12120508)	
378687.70	3782951.06	101.03996c	(12120508)	
378670.62	3782968.02	102.73793c	(12120508)	
378653.54	3782984.98	104.68282c	(12120508)	

	378636.47	3783001.94	106.24521c (12120508)
378619.39	3783018.90	106.77253c (12120508)	
	378613.73	3782987.24	98.80548c (12120508)
378594.47	3782972.46	94.37255c (12120508)	
	378575.22	3782957.68	89.43783c (12120508)
378555.97	3782942.89	83.89635 (16122808)	
	378536.71	3782928.11	83.68834 (16122808)
378517.46	3782913.32	82.61896 (16122808)	
	378498.21	3782898.54	80.79394 (16122808)
378466.74	3782903.54	83.69998c (14011008)	
	378453.23	3782934.31	89.77455c (14011008)
378447.73	3782956.31	94.22573c (14011008)	
	378442.23	3782978.31	99.03774c (14011008)
378400.15	3782961.83	97.45063c (14011008)	
	378377.46	3782954.95	95.90972c (14011008)
378347.85	3782967.70	98.12140c (14011008)	
	378328.60	3783006.21	107.84897c (14011008)
378339.20	3783039.45	119.66182c (14011008)	
	378359.82	3783050.45	123.62446c (14011008)
378380.45	3783061.45	126.30960c (14011008)	
	378401.08	3783072.45	128.02314c (14011008)
378421.71	3783083.46	128.91065c (14011008)	
	378442.34	3783094.46	129.20066c (14011008)
378462.97	3783105.46	128.76347c (14011008)	
	378451.58	3783128.45	139.25472c (14011008)
378445.38	3783162.00	155.20598c (14011008)	
	378436.44	3783184.01	169.39284c (14011008)
378427.50	3783206.01	186.15826c (14011008)	
	378418.56	3783228.02	206.07652c (14011008)
378409.62	3783250.02	228.72528c (14011008)	
	378400.68	3783272.03	254.25813c (14011008)
378391.74	3783294.03	284.88580c (14011008)	
	378382.80	3783316.03	323.02590c (14011008)
378373.87	3783338.04	372.74168c (14011008)	
	378364.93	3783360.04	456.97891c (14011008)
378355.99	3783382.05	639.22181c (14011008)	
	378347.05	3783404.05	977.92918c (12013008)
378377.39	3783389.51	656.75339c (12013008)	
	378356.44	3783293.59	293.55182c (14011008)
378317.02	3783279.83	281.33753c (14011008)	
	378277.60	3783266.08	274.15010c (14011008)
378238.17	3783252.33	246.33238c (14011008)	
	378213.55	3783259.38	233.77054 (13122508)
378199.76	3783282.28	277.06756 (13122508)	
	378160.31	3783297.08	249.80584 (15120208)
378149.43	3783320.24	254.49088 (15092508)	
	378117.01	3783299.50	193.13964 (15092508)
378066.25	3783308.41	122.33482 (15092508)	
	378058.00	3783330.42	121.21261 (12120608)
378049.75	3783352.42	160.27427 (12120608)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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 *** AERMET - VERSION 16216 *** ***
 *** 15:46:23

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
378021.20	3783361.32	156.07175 (12120608)	
378001.26	3783372.32	153.85166 (12120608)	
377981.31	3783383.32	147.34872 (12120608)	
377949.64	3783389.01	132.50432 (12120608)	
377931.44	3783404.78	124.71837 (12120608)	
377922.97	3783427.63	115.78664 (12120608)	
377914.51	3783450.48	103.21491 (12120608)	
377906.05	3783473.33	95.61422 (12020208)	
377897.58	3783496.18	98.96386 (12020208)	
377889.12	3783519.03	100.49394 (12020208)	
377880.66	3783541.88	100.74298 (12020208)	
377872.19	3783564.73	100.22126 (12020208)	
377863.73	3783587.58	99.56798 (12020208)	
377855.27	3783610.43	99.55998 (12020208)	
377846.81	3783633.28	101.14845 (12020208)	
377838.34	3783656.13	105.95370 (12020208)	
377829.88	3783678.98	117.33750 (12020208)	
377821.42	3783701.83	127.23438 (12020208)	
377824.07	3783733.08	165.05319 (16120808)	
377831.41	3783767.92	175.14621 (16120808)	
377871.32	3783782.43	158.37089 (16120808)	
377909.82	3783752.18	180.91924 (16120808)	
377844.86	3783710.51	179.15449 (16120808)	
377954.88	3783413.46	133.22387 (12120608)	
377993.39	3783405.21	155.90122 (12120608)	
378073.16	3783361.20	192.69903 (12120608)	
378089.66	3783317.19	146.43488 (15092508)	
378169.42	3783341.95	372.23820 (15092508)	
378177.68	3783311.69	260.96759 (15120208)	
378207.93	3783325.44	372.93111c (14011008)	

	378229.94	3783275.93	294.57288c	(14011008)
378348.21	3783317.19	334.13106c	(14011008)	
	378315.20	3783396.96	1013.54973c	(12013008)
378370.21	3783413.46	1024.12765c	(12013008)	
	378477.48	3783149.41	141.41654c	(14011008)
378474.73	3783083.40	119.63921c	(14011008)	
	378350.96	3783017.39	112.53513c	(14011008)
378370.21	3782978.88	101.68183c	(14011008)	
	378460.98	3783006.38	103.04657c	(14011008)
378482.98	3782918.37	84.55723c	(14011008)	
	378637.01	3783036.64	119.39126c	(12120508)
379046.84	3782629.56	89.83891	(16021508)	
	379060.59	3782646.07	103.70722	(16021508)
379544.68	3782258.25	104.66869	(15123108)	
	379583.19	3782291.25	210.36978	(15123108)
379995.76	3781991.45	635.73805c	(14011008)	
	380037.02	3782040.95	263.03698c	(13120608)
379442.91	3782481.04	118.98859c	(12112108)	
	379415.41	3782481.04	159.12173c	(12112108)
378854.30	3782973.38	243.74595	(14010708)	
	378477.48	3783388.70	480.95683	(12020608)
378455.48	3783446.47	1059.94255	(12021008)	
	378513.24	3783465.72	873.94963	(12021008)
378488.48	3783512.48	645.24903	(16011816)	
	378405.97	3783479.47	862.26111	(14121816)
378012.65	3783826.04	112.11908	(16121208)	
	377894.37	3783732.52	244.88888	(16120808)
377855.87	3783762.77	191.40971	(16120808)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF

HIGHEST 1-HR RESULTS ***

MICROGRAMS/M**3

** CONC OF CO IN
 **

DATE

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

ALL HIGH 1ST HIGH VALUE IS 3160.95156 ON 12021008: AT (
 378455.48, 3783446.47, 236.00, 236.00, 0.00) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_Burbank_Bridge_Construction_Area\HSR_B *** 12/16/19
*** AERMET - VERSION 16216 *** ***
*** 15:46:23

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF

HIGHEST 8-HR RESULTS ***

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

DATE

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

ALL HIGH 1ST HIGH VALUE IS 1059.94255 ON 12021008: AT (
378455.48, 3783446.47, 236.00, 236.00, 0.00) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_Burbank_Bridge_Construction_Area\HSR_B *** 12/16/19
*** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA 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 713 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 519 Calm Hours Identified

A Total of 194 Missing Hours Identified (0.44 Percent)

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

***** WARNING MESSAGES *****
ME W186 458 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 458 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** AERMOD Finishes Successfully ***

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 12/16/2019
** File: C:\Lakes\AERMOD View\HSR_B-
LA_NO2_Burbank_Bridge_Construction_Area\HSR_B-
LA_NO2_Burbank_Bridge_Construction_Area.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\HSR_B-
LA_Burbank_Bridge_Construction_Area\HSR_B
  MODELOPT CONC FLAT FASTAREA ARM2
  AVERTIME 1 PERIOD
  URBANOPT 104834 City_of_Burbank_Population_(2017)
  POLLUTID NO2
  RUNORNOT RUN
** NO2 Conversion Options
  ARMRATIO 0.500 0.900
  ERRORFIL HSR_B-LA_NO2_Burbank_Bridge_Construction_Area.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREA1      AREAPOLY    377874.461  3783698.180      0.0
** DESCRSRC At Grade Rail Track Construction Area 8
  LOCATION PAREA2      AREAPOLY    378199.715  3783359.712      0.0
** DESCRSRC Burbank Blvd Bridge Demolition
  LOCATION PAREA3      AREAPOLY    379986.152  3782036.911      0.0
** DESCRSRC Alameda Ave Bridge Demolition Area
** Source Parameters **
  SRCPARAM PAREA1      0.000028449      3.000      19
  AREAVERT PAREA1      377874.461 3783698.180 378005.241 3783646.413
  AREAVERT PAREA1      378139.044 3783586.046 378251.179 3783524.104
  AREAVERT PAREA1      378344.113 3783457.564 378464.123 3783342.407
  AREAVERT PAREA1      378837.108 3782935.500 379232.333 3782556.786
  AREAVERT PAREA1      379994.197 3782000.756 380013.269 3782022.553
  AREAVERT PAREA1      379585.299 3782319.403 379323.315 3782522.942

```

AREAVERT	PAREA1	379130.785	3782682.021	378862.084	3782943.594
AREAVERT	PAREA1	378541.987	3783303.114	378345.816	3783488.386
AREAVERT	PAREA1	378225.934	3783567.399	378095.153	3783632.790
AREAVERT	PAREA1	377888.084	3783719.977		
SRCPARAM	PAREA2	0.0000308662	3.000	4	
AREAVERT	PAREA2	378199.715	3783359.712	378497.423	3783470.059
AREAVERT	PAREA2	378481.330	3783501.094	378188.221	3783388.448
SRCPARAM	PAREA3	0.0000346642	3.000	4	
AREAVERT	PAREA3	379986.152	3782036.911	379971.004	3782017.103
AREAVERT	PAREA3	379991.978	3782000.791	380008.290	3782020.599
URBANSRC	ALL				

```
** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
```

```
** Variable Emission Scenario: "Scenario 2"
```

[illegible]

SRCGROUP ALL

* *

** AERMOD Receptor Pathway

* *

* *

RE

** BEGIN OF FENCELINE GRID RECEPTORS

```
** Plant Boundary Name PLBN1
```

```
** Grid Spacing = 25.00
```

```
** No. of Tiers = 1
```

```
** Tier 1: Segment Distance = 25.00
```

```
** Tier 1: Tier Spacing = 25.00
```

DISCCART	378216.47	3783679.76
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DISCCART	378235.20	3783663.26
DISCCART	378253.93	3783646.76
DISCCART	378272.66	3783630.25
DISCCART	378291.39	3783613.75
DISCCART	378310.12	3783597.25
DISCCART	378328.85	3783580.74
DISCCART	378347.58	3783564.24
DISCCART	378366.31	3783547.74
DISCCART	378385.04	3783531.23
DISCCART	378403.77	3783514.73
DISCCART	378422.50	3783498.23
DISCCART	378437.94	3783519.19
DISCCART	378479.19	3783535.69
DISCCART	378503.83	3783530.06
DISCCART	378518.83	3783508.59
DISCCART	378535.33	3783477.42
DISCCART	378528.80	3783449.21
DISCCART	378501.89	3783435.59
DISCCART	378500.84	3783397.60
DISCCART	378528.76	3783369.38
DISCCART	378545.15	3783351.33
DISCCART	378561.53	3783333.27
DISCCART	378577.91	3783315.21
DISCCART	378594.30	3783297.15
DISCCART	378610.68	3783279.10
DISCCART	378627.06	3783261.04
DISCCART	378643.45	3783242.98
DISCCART	378659.83	3783224.92
DISCCART	378676.21	3783206.87
DISCCART	378692.60	3783188.81
DISCCART	378708.98	3783170.75
DISCCART	378725.36	3783152.70
DISCCART	378741.75	3783134.64
DISCCART	378758.13	3783116.58
DISCCART	378774.51	3783098.52
DISCCART	378790.90	3783080.47
DISCCART	378807.28	3783062.41
DISCCART	378823.66	3783044.35
DISCCART	378840.05	3783026.29
DISCCART	378856.43	3783008.24
DISCCART	378872.81	3782990.18
DISCCART	378908.20	3782959.35
DISCCART	378926.90	3782942.94
DISCCART	378945.60	3782926.53
DISCCART	378964.31	3782910.12
DISCCART	378983.01	3782893.70
DISCCART	379001.71	3782877.29
DISCCART	379020.42	3782860.88
DISCCART	379039.12	3782844.47
DISCCART	379057.83	3782828.06
DISCCART	379076.53	3782811.65
DISCCART	379095.23	3782795.24
DISCCART	379113.94	3782778.82
DISCCART	379132.64	3782762.41

DISCCART	379151.34	3782746.00
DISCCART	379170.05	3782729.59
DISCCART	379188.75	3782713.18
DISCCART	379207.45	3782696.77
DISCCART	379226.16	3782680.36
DISCCART	379244.86	3782663.95
DISCCART	379263.57	3782647.53
DISCCART	379282.27	3782631.12
DISCCART	379300.97	3782614.71
DISCCART	379319.68	3782598.30
DISCCART	379338.38	3782581.89
DISCCART	379357.08	3782565.48
DISCCART	379375.79	3782549.07
DISCCART	379394.49	3782532.65
DISCCART	379413.19	3782516.24
DISCCART	379431.90	3782499.83
DISCCART	379457.79	3782501.13
DISCCART	379477.59	3782486.46
DISCCART	379497.40	3782471.79
DISCCART	379517.20	3782457.12
DISCCART	379537.01	3782442.45
DISCCART	379556.81	3782427.78
DISCCART	379576.61	3782413.11
DISCCART	379596.42	3782398.44
DISCCART	379616.22	3782383.77
DISCCART	379636.02	3782369.10
DISCCART	379655.83	3782354.43
DISCCART	379675.63	3782339.76
DISCCART	379695.43	3782325.09
DISCCART	379715.24	3782310.42
DISCCART	379735.04	3782295.75
DISCCART	379754.85	3782281.08
DISCCART	379774.65	3782266.41
DISCCART	379794.45	3782251.74
DISCCART	379814.26	3782237.07
DISCCART	379834.06	3782222.41
DISCCART	379853.86	3782207.74
DISCCART	379873.67	3782193.07
DISCCART	379893.47	3782178.40
DISCCART	379913.28	3782163.73
DISCCART	379933.08	3782149.06
DISCCART	379952.88	3782134.39
DISCCART	379972.69	3782119.72
DISCCART	379992.49	3782105.05
DISCCART	380012.29	3782090.38
DISCCART	380032.10	3782075.71
DISCCART	380051.90	3782061.04
DISCCART	380056.22	3782024.94
DISCCART	380028.72	3781991.94
DISCCART	379981.06	3781971.23
DISCCART	379961.42	3781985.50
DISCCART	379941.77	3781999.78
DISCCART	379922.13	3782014.05
DISCCART	379902.48	3782028.33

DISCCART	379882.83	3782042.61
DISCCART	379863.19	3782056.88
DISCCART	379843.54	3782071.16
DISCCART	379823.89	3782085.44
DISCCART	379804.25	3782099.71
DISCCART	379784.60	3782113.99
DISCCART	379764.96	3782128.26
DISCCART	379745.31	3782142.54
DISCCART	379725.66	3782156.82
DISCCART	379706.02	3782171.09
DISCCART	379686.37	3782185.37
DISCCART	379666.72	3782199.64
DISCCART	379647.08	3782213.92
DISCCART	379627.43	3782228.20
DISCCART	379607.79	3782242.47
DISCCART	379588.14	3782256.75
DISCCART	379568.49	3782271.03
DISCCART	379560.95	3782239.27
DISCCART	379529.05	3782238.74
DISCCART	379509.69	3782254.25
DISCCART	379490.32	3782269.76
DISCCART	379470.96	3782285.28
DISCCART	379451.59	3782300.79
DISCCART	379432.23	3782316.30
DISCCART	379412.87	3782331.82
DISCCART	379393.50	3782347.33
DISCCART	379374.14	3782362.84
DISCCART	379354.78	3782378.35
DISCCART	379335.41	3782393.87
DISCCART	379316.05	3782409.38
DISCCART	379296.69	3782424.89
DISCCART	379277.32	3782440.41
DISCCART	379257.96	3782455.92
DISCCART	379238.60	3782471.43
DISCCART	379219.23	3782486.94
DISCCART	379199.87	3782502.46
DISCCART	379180.50	3782517.97
DISCCART	379161.14	3782533.48
DISCCART	379141.78	3782549.00
DISCCART	379122.41	3782564.51
DISCCART	379103.05	3782580.02
DISCCART	379083.69	3782595.53
DISCCART	379064.32	3782611.05
DISCCART	379044.96	3782626.56
DISCCART	379079.80	3782630.07
DISCCART	379012.15	3782628.78
DISCCART	378995.07	3782645.75
DISCCART	378977.99	3782662.71
DISCCART	378960.92	3782679.67
DISCCART	378943.84	3782696.63
DISCCART	378926.76	3782713.59
DISCCART	378909.69	3782730.55
DISCCART	378892.61	3782747.52
DISCCART	378875.54	3782764.48

DISCCART	378858.46	3782781.44
DISCCART	378841.38	3782798.40
DISCCART	378824.31	3782815.36
DISCCART	378807.23	3782832.32
DISCCART	378790.15	3782849.29
DISCCART	378773.08	3782866.25
DISCCART	378756.00	3782883.21
DISCCART	378738.93	3782900.17
DISCCART	378721.85	3782917.13
DISCCART	378704.77	3782934.09
DISCCART	378687.70	3782951.06
DISCCART	378670.62	3782968.02
DISCCART	378653.54	3782984.98
DISCCART	378636.47	3783001.94
DISCCART	378619.39	3783018.90
DISCCART	378613.73	3782987.24
DISCCART	378594.47	3782972.46
DISCCART	378575.22	3782957.68
DISCCART	378555.97	3782942.89
DISCCART	378536.71	3782928.11
DISCCART	378517.46	3782913.32
DISCCART	378498.21	3782898.54
DISCCART	378466.74	3782903.54
DISCCART	378453.23	3782934.31
DISCCART	378447.73	3782956.31
DISCCART	378442.23	3782978.31
DISCCART	378400.15	3782961.83
DISCCART	378377.46	3782954.95
DISCCART	378347.85	3782967.70
DISCCART	378328.60	3783006.21
DISCCART	378339.20	3783039.45
DISCCART	378359.82	3783050.45
DISCCART	378380.45	3783061.45
DISCCART	378401.08	3783072.45
DISCCART	378421.71	3783083.46
DISCCART	378442.34	3783094.46
DISCCART	378462.97	3783105.46
DISCCART	378451.58	3783128.45
DISCCART	378445.38	3783162.00
DISCCART	378436.44	3783184.01
DISCCART	378427.50	3783206.01
DISCCART	378418.56	3783228.02
DISCCART	378409.62	3783250.02
DISCCART	378400.68	3783272.03
DISCCART	378391.74	3783294.03
DISCCART	378382.80	3783316.03
DISCCART	378373.87	3783338.04
DISCCART	378364.93	3783360.04
DISCCART	378355.99	3783382.05
DISCCART	378347.05	3783404.05
DISCCART	378377.39	3783389.51
DISCCART	378356.44	3783293.59
DISCCART	378317.02	3783279.83
DISCCART	378277.60	3783266.08

DISCCART	378238.17	3783252.33
DISCCART	378213.55	3783259.38
DISCCART	378199.76	3783282.28
DISCCART	378160.31	3783297.08
DISCCART	378149.43	3783320.24
DISCCART	378117.01	3783299.50
DISCCART	378066.25	3783308.41
DISCCART	378058.00	3783330.42
DISCCART	378049.75	3783352.42
DISCCART	378021.20	3783361.32
DISCCART	378001.26	3783372.32
DISCCART	377981.31	3783383.32
DISCCART	377949.64	3783389.01
DISCCART	377931.44	3783404.78
DISCCART	377922.97	3783427.63
DISCCART	377914.51	3783450.48
DISCCART	377906.05	3783473.33
DISCCART	377897.58	3783496.18
DISCCART	377889.12	3783519.03
DISCCART	377880.66	3783541.88
DISCCART	377872.19	3783564.73
DISCCART	377863.73	3783587.58
DISCCART	377855.27	3783610.43
DISCCART	377846.81	3783633.28
DISCCART	377838.34	3783656.13
DISCCART	377829.88	3783678.98
DISCCART	377821.42	3783701.83
DISCCART	377824.07	3783733.08
DISCCART	377831.41	3783767.92
DISCCART	377871.32	3783782.43
DISCCART	377909.82	3783752.18

** END OF FENCELINE GRID RECEPTORS

** Discrete Cartesian Plant Boundary - Primary Receptors

** Plant Boundary Name PLBN1

** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"

DISCCART	377844.86	3783710.51
DISCCART	377954.88	3783413.46
DISCCART	377993.39	3783405.21
DISCCART	378073.16	3783361.20
DISCCART	378089.66	3783317.19
DISCCART	378169.42	3783341.95
DISCCART	378177.68	3783311.69
DISCCART	378207.93	3783325.44
DISCCART	378229.94	3783275.93
DISCCART	378348.21	3783317.19
DISCCART	378315.20	3783396.96
DISCCART	378370.21	3783413.46
DISCCART	378477.48	3783149.41
DISCCART	378474.73	3783083.40
DISCCART	378350.96	3783017.39
DISCCART	378370.21	3782978.88
DISCCART	378460.98	3783006.38
DISCCART	378482.98	3782918.37
DISCCART	378637.01	3783036.64

DISCCART	379046.84	3782629.56
DISCCART	379060.59	3782646.07
DISCCART	379544.68	3782258.25
DISCCART	379583.19	3782291.25
DISCCART	379995.76	3781991.45
DISCCART	380037.02	3782040.95
DISCCART	379442.91	3782481.04
DISCCART	379415.41	3782481.04
DISCCART	378854.30	3782973.38
DISCCART	378477.48	3783388.70
DISCCART	378455.48	3783446.47
DISCCART	378513.24	3783465.72
DISCCART	378488.48	3783512.48
DISCCART	378405.97	3783479.47
DISCCART	378012.65	3783826.04
DISCCART	377894.37	3783732.52
DISCCART	377855.87	3783762.77

RE FINISHED

** AERMOD Meteorology Pathway

ME STARTING

SURFFILE KBUR_v9.SFC

PROFFILE KBUR_v9.PFL

SURFDATA 23152 2012

UAIRDATA 3190 2012

PROFBASE 236.0 METERS

ME FINISHED

** AERMOD Output Pathway

OU STARTING

RECTABLE ALLAVE 1ST 8TH

RECTABLE 1 1ST 8TH

** Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST HSR_B-

LA_NO2_BURBANK_BRIDGE_CONSTRUCTION_AREA.AD\01H1GALL.PLT 31

PLOTFILE 1 ALL 8TH HSR_B-

LA_NO2_BURBANK_BRIDGE_CONSTRUCTION_AREA.AD\01H8GALL.PLT 32

PLOTFILE PERIOD ALL HSR_B-

LA_NO2_BURBANK_BRIDGE_CONSTRUCTION_AREA.AD\PE00GALL.PLT 33

MXDYBYR ALL HSR_B-

LA_NO2_BURBANK_BRIDGE_CONSTRUCTION_AREA.AD\MXDYBYR_ALL_NO2.DAT 34

MAXDAILY ALL HSR_B-

LA_NO2_BURBANK_BRIDGE_CONSTRUCTION_AREA.AD\MAXDAILY_ALL_NO2.DAT 35

SUMMFILE HSR_B-LA_NO2_Burbank_Bridge_Construction_Area.sum

OU FINISHED

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

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

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

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

*** NONE ***

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

CO W361	28	COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2
require MULTYEAR Opt		
ME W186	460	MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used		0.50
ME W187	460	MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET		

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_Burbank_Bridge_Construction_Area\HSR_B *** 12/16/19
*** AERMET - VERSION 16216 *** ***
*** 16:00:26

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** MODEL SETUP OPTIONS

SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 3 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 104834.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Ambient Ratio Method Ver 2 (ARM2) Used for NO2 Conversion
with a Minimum NO2/NOx Ratio of 0.500
and a Maximum NO2/NOx Ratio of 0.900
7. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:

FASTAREA - Use hybrid approach to optimize AREA sources;
also applies to LINE sources (formerly TOXICS option)
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: NO2

**Note that special processing requirements apply for the 1-hour NO2
NAAQS - check available guidance.

Model will process user-specified ranks of daily maximum 1-hour values
averaged across the number of years modeled.

For annual NO2 NAAQS modeling, the multi-year maximum of PERIOD values
can be simulated using the MULTYEAR keyword.

Multi-year PERIOD and 1-hour values should only be done in a single model run using the MULTYEAR option with a single multi-year meteorological data file using STARTEND keyword.

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

**This Run Includes: 3 Source(s); 1 Source Group(s); and
298 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 3 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 0 line(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)
Model Outputs External File(s) of Maximum Daily 1-hr Values by
Day (MAXDAILY Keyword)
Model Outputs External File(s) of Maximum Daily 1-hr Values by
Year (MXDYBYR 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) = 236.00 ;
Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: HSR_B-
LA_NO2_Burbank_Bridge_Construction_Area.err
**File for Summary of Results: HSR_B-
LA_NO2_Burbank_Bridge_Construction_Area.sum

```

*** AERMOD - VERSION 19191 ***    *** C:\Lakes\AERMOD View\HSR_B-
LA_Burbank_Bridge_Construction_Area\HSR_B ***    12/16/19
*** AERMET - VERSION 16216 ***    ***
***    16:00:26

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*** MODELOPTs:    NonDEFAULT  CONC  FLAT  FASTAREA  ARM2  URBAN  ADJ_U*

```

*** AREAPOLY SOURCE DATA

NUMBER	NUMBER	EMISSION	RATE	LOCATION OF AREA		BASE	RELEASE
SOURCE	INIT.	URBAN	EMISSION				
OF VERTS.	PART.	(GRAMS/SEC		X	Y	ELEV.	HEIGHT
ID	SZ	SOURCE	SCALAR	VARY			
(METERS)	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	BY						
PAREA1	0	0.28449E-04	377874.5	3783698.2	236.0	3.00	
19	0.00	YES	HRDOW7				
PAREA2	0	0.30866E-04	378199.7	3783359.7	236.0	3.00	
4	0.00	YES	HRDOW7				
PAREA3	0	0.34664E-04	379986.2	3782036.9	236.0	3.00	
4	0.00	YES	HRDOW7				

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_Burbank_Bridge_Construction_Area\HSR_B *** 12/16/19
*** AERMET - VERSION 16216 *** ***
*** 16:00:26

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

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

ALL	PAREA1	,	PAREA2	,	PAREA3	,
-----	--------	---	--------	---	--------	---

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_Burbank_Bridge_Construction_Area\HSR_B *** 12/16/19
*** AERMET - VERSION 16216 *** ***
*** 16:00:26

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN

SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
104834.	PAREA1	, PAREA2 , PAREA3 ,

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Burbank_Bridge_Construction_Area\HSR_B *** 12/16/19
 *** AERMET - VERSION 16216 *** ***
 *** 16:00:26

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = MONDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = TUESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = WEDNESDY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = THURSDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = FRIDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10

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		

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Burbank_Bridge_Construction_Area\HSR_B *** 12/16/19
 *** AERMET - VERSION 16216 *** ***
 *** 16:00:26

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = MONDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = TUESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = WEDNESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = THURSDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = FRIDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10

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			

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*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_Burbank_Bridge_Construction_Area\HSR_B *** 12/16/19
*** AERMET - VERSION 16216 *** ***
*** 16:00:26

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
AND BY DAY OF WEEK (HRDOW7) *

```

SOURCE ID = PAREA3 ; SOURCE TYPE = AREAPOLY :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR
SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
-----
                                     DAY OF WEEK = MONDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5
.0000E+00  6 .1000E+01  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 .1000E+01 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 = TUESDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5
.0000E+00  6 .1000E+01  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 .1000E+01 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 = WEDNESDY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5
.0000E+00  6 .1000E+01  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 .1000E+01 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 = THURSDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5
.0000E+00  6 .1000E+01  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 .1000E+01 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 = FRIDAY
  1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5
.0000E+00  6 .1000E+01  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 .1000E+01 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		

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Burbank_Bridge_Construction_Area\HSR_B *** 12/16/19
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

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(378029.2, 3783844.8, 236.0, 236.0, 0.0);	(
378047.9, 3783828.3, 236.0, 236.0, 0.0);	(
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(378216.5, 3783679.8, 236.0, 236.0, 0.0);	(
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(378535.3, 3783477.4, 236.0, 236.0, 0.0);	(
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(378501.9, 3783435.6, 236.0, 236.0, 0.0);	(
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(378528.8, 3783369.4, 236.0, 236.0, 0.0);	(
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(378659.8, 3783224.9, 236.0, 236.0, 0.0); (

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(378725.4, 3783152.7, 236.0, 236.0, 0.0); (

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(378790.9, 3783080.5, 236.0, 236.0, 0.0); (

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379001.7, 3782877.3, 236.0, 236.0, 0.0);

(379020.4, 3782860.9, 236.0, 236.0, 0.0); (

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(379394.5, 3782532.6, 236.0, 236.0, 0.0); (

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(379517.2, 3782457.1, 236.0, 236.0, 0.0); (

379537.0, 3782442.4, 236.0, 236.0, 0.0);

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Burbank_Bridge_Construction_Area\HSR_B *** 12/16/19
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(379556.8, 3782427.8,	236.0,	236.0,	0.0);	(
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379616.2, 3782383.8,	236.0,	236.0,	0.0);	(
(379636.0, 3782369.1,	236.0,	236.0,	0.0);	(
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379933.1, 3782149.1,	236.0,	236.0,	0.0);	(
(379952.9, 3782134.4,	236.0,	236.0,	0.0);	(
379972.7, 3782119.7,	236.0,	236.0,	0.0);	(
(379992.5, 3782105.0,	236.0,	236.0,	0.0);	(
380012.3, 3782090.4,	236.0,	236.0,	0.0);	(
(380032.1, 3782075.7,	236.0,	236.0,	0.0);	(
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379922.1, 3782014.0,	236.0,	236.0,	0.0);	(
(379902.5, 3782028.3,	236.0,	236.0,	0.0);	(
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*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Burbank_Bridge_Construction_Area\HSR_B *** 12/16/19
 *** AERMET - VERSION 16216 *** ***
 *** 16:00:26

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

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378619.4, 3783018.9, 236.0, 236.0, 0.0);	(
(378613.7, 3782987.2, 236.0, 236.0, 0.0);	(
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(378442.2, 3782978.3, 236.0, 236.0, 0.0);	(
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(378364.9, 3783360.0, 236.0, 236.0, 0.0); (

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(378347.0, 3783404.0, 236.0, 236.0, 0.0); (

378377.4, 3783389.5, 236.0, 236.0, 0.0);

(378356.4, 3783293.6, 236.0, 236.0, 0.0); (

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(378277.6, 3783266.1, 236.0, 236.0, 0.0); (

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(378160.3, 3783297.1, 236.0, 236.0, 0.0); (

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(378117.0, 3783299.5, 236.0, 236.0, 0.0); (

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(378058.0, 3783330.4, 236.0, 236.0, 0.0); (

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(377981.3, 3783383.3, 236.0, 236.0, 0.0); (

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(377931.4, 3783404.8, 236.0, 236.0, 0.0); (

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(377914.5, 3783450.5, 236.0, 236.0, 0.0); (

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(377897.6, 3783496.2, 236.0, 236.0, 0.0); (

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(377880.7, 3783541.9, 236.0, 236.0, 0.0); (

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(377863.7, 3783587.6, 236.0, 236.0, 0.0); (

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(377846.8, 3783633.3, 236.0, 236.0, 0.0); (

377838.3, 3783656.1, 236.0, 236.0, 0.0);

(377829.9, 3783679.0, 236.0, 236.0, 0.0); (

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(377844.9, 3783710.5, 236.0, 236.0, 0.0); (

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(378089.7, 3783317.2, 236.0, 236.0, 0.0); (

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(378177.7, 3783311.7, 236.0, 236.0, 0.0); (

378207.9, 3783325.4, 236.0, 236.0, 0.0);

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(378229.9, 3783275.9,	236.0,	236.0,	0.0);	(
378348.2, 3783317.2,	236.0,	236.0,	0.0);	(
(378315.2, 3783397.0,	236.0,	236.0,	0.0);	(
378370.2, 3783413.5,	236.0,	236.0,	0.0);	(
(378477.5, 3783149.4,	236.0,	236.0,	0.0);	(
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(378637.0, 3783036.6,	236.0,	236.0,	0.0);	(
379046.8, 3782629.6,	236.0,	236.0,	0.0);	(
(379060.6, 3782646.1,	236.0,	236.0,	0.0);	(
379544.7, 3782258.2,	236.0,	236.0,	0.0);	(
(379583.2, 3782291.2,	236.0,	236.0,	0.0);	(
379995.8, 3781991.4,	236.0,	236.0,	0.0);	(
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(377894.4, 3783732.5,	236.0,	236.0,	0.0);	(
377855.9, 3783762.8,	236.0,	236.0,	0.0);	(

8.23, 10.80, 1.54, 3.09, 5.14,

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF

METEOROLOGICAL DATA ***

Surface file: KBUR_v9.SFC
 Met Version: 16216
 Profile file: KBUR_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 23152 Upper air station no.:
 3190
 Name: UNKNOWN Name:
 UNKNOWN Year: 2012 Year:
 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0
BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT					
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	01	01	1	01	-23.4	0.241	-9.000	-9.000	-999.	285.	64.1	0.16	
3.02	1.00			2.45	359.	7.9	286.4	2.0					
12	01	01	1	02	-11.3	0.143	-9.000	-9.000	-999.	134.	23.1	0.16	
3.02	1.00			1.50	289.	7.9	284.9	2.0					
12	01	01	1	03	-4.8	0.092	-9.000	-9.000	-999.	68.	14.5	0.16	
3.02	1.00			0.99	300.	7.9	283.8	2.0					
12	01	01	1	04	-8.1	0.121	-9.000	-9.000	-999.	100.	19.1	0.16	
3.02	1.00			1.28	295.	7.9	284.2	2.0					
12	01	01	1	05	-2.9	0.074	-9.000	-9.000	-999.	49.	12.3	0.16	
3.02	1.00			0.75	323.	7.9	282.5	2.0					
12	01	01	1	06	-11.3	0.143	-9.000	-9.000	-999.	130.	23.0	0.16	
3.02	1.00			1.50	306.	7.9	283.1	2.0					
12	01	01	1	07	-16.9	0.176	-9.000	-9.000	-999.	178.	34.3	0.16	
3.02	1.00			1.82	315.	7.9	284.9	2.0					
12	01	01	1	08	-8.8	0.134	-9.000	-9.000	-999.	118.	24.3	0.16	
3.02	0.55			1.40	323.	7.9	287.0	2.0					
12	01	01	1	09	36.3	0.171	0.339	0.008	38.	169.	-12.2	0.16	
3.02	0.32			1.31	23.	7.9	288.8	2.0					
12	01	01	1	10	110.9	0.119	0.729	0.009	124.	99.	-1.4	0.16	
3.02	0.24			0.62	163.	7.9	292.0	2.0					
12	01	01	1	11	165.2	0.157	1.185	0.005	358.	149.	-2.1	0.16	
3.02	0.21			0.89	112.	7.9	296.4	2.0					
12	01	01	1	12	192.9	0.184	1.540	0.005	672.	189.	-2.8	0.16	
3.02	0.20			1.11	225.	7.9	299.2	2.0					
12	01	01	1	13	192.1	0.199	1.840	0.005	1152.	213.	-3.6	0.16	
3.02	0.20			1.26	250.	7.9	299.9	2.0					

12	01	01	1	14	164.6	0.270	1.886	0.005	1447.	337.	-10.6	0.16
3.02		0.21			2.03	273.	7.9	300.4	2.0			
12	01	01	1	15	111.1	0.289	1.699	0.005	1566.	373.	-19.3	0.16
3.02		0.25			2.35	270.	7.9	300.4	2.0			
12	01	01	1	16	35.3	0.338	1.167	0.005	1596.	472.	-96.9	0.16
3.02		0.33			3.12	289.	7.9	298.8	2.0			
12	01	01	1	17	-20.8	0.255	-9.000	-9.000	-999.	312.	71.4	0.16
3.02		0.60			2.57	318.	7.9	296.4	2.0			
12	01	01	1	18	-35.0	0.369	-9.000	-9.000	-999.	538.	149.9	0.16
3.02		1.00			3.68	320.	7.9	293.8	2.0			
12	01	01	1	19	-27.7	0.291	-9.000	-9.000	-999.	380.	93.2	0.16
3.02		1.00			2.93	345.	7.9	292.0	2.0			
12	01	01	1	20	-20.7	0.216	-9.000	-9.000	-999.	243.	51.2	0.16
3.02		1.00			2.20	325.	7.9	290.4	2.0			
12	01	01	1	21	-8.5	0.124	-9.000	-9.000	-999.	108.	19.8	0.16
3.02		1.00			1.31	359.	7.9	288.1	2.0			
12	01	01	1	22	-7.4	0.116	-9.000	-9.000	-999.	94.	18.4	0.16
3.02		1.00			1.23	304.	7.9	287.5	2.0			
12	01	01	1	23	-6.3	0.106	-9.000	-9.000	-999.	82.	16.7	0.16
3.02		1.00			1.13	314.	7.9	285.9	2.0			
12	01	01	1	24	-19.7	0.203	-9.000	-9.000	-999.	220.	45.5	0.16
3.02		1.00			2.08	319.	7.9	287.0	2.0			

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	359.	2.45	286.5	99.0	-99.00	-99.00

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

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
377878.86	3783752.13	4.69046		
377912.66	3783778.85	3.48274		
377946.45	3783805.57	2.27965		
377980.25	3783832.29	1.86184		
378029.18	3783844.80	1.71648		
378047.91	3783828.29	1.86218		
378066.64	3783811.79	2.01259		
378085.37	3783795.29	2.17016		
378104.10	3783778.78	2.33833		
378122.83	3783762.28	2.52349		
378141.55	3783745.78	2.73960		
378160.28	3783729.27	3.00074		
378179.01	3783712.77	3.31061		
378197.74	3783696.27	3.65026		
378216.47	3783679.76	3.98581		
378235.20	3783663.26	4.31450		
378253.93	3783646.76	4.66169		
378272.66	3783630.25	5.04930		
378291.39	3783613.75	5.52637		
378310.12	3783597.25	6.11904		
378328.85	3783580.74	6.75334		
378347.58	3783564.24	7.46869		
378366.31	3783547.74	8.43467		
378385.04	3783531.23	9.90187		
378403.77	3783514.73	12.26523		
378422.50	3783498.23	17.53204		
378437.94	3783519.19	11.35036		
378479.19	3783535.69	6.41096		
378503.83	3783530.06	4.51828		
378518.83	3783508.59	4.40027		

	378535.33	3783477.42	4.56172
378528.80	3783449.21	5.52115	
	378501.89	3783435.59	7.36864
378500.84	3783397.60	8.80471	
	378528.76	3783369.38	8.73164
378545.15	3783351.33	8.97075	
	378561.53	3783333.27	9.18259
378577.91	3783315.21	9.17511	
	378594.30	3783297.15	9.07837
378610.68	3783279.10	8.98999	
	378627.06	3783261.04	8.82779
378643.45	3783242.98	8.74818	
	378659.83	3783224.92	8.67360
378676.21	3783206.87	8.54876	
	378692.60	3783188.81	8.39711
378708.98	3783170.75	8.28642	
	378725.36	3783152.70	8.21865
378741.75	3783134.64	8.16939	
	378758.13	3783116.58	8.09598
378774.51	3783098.52	7.97992	
	378790.90	3783080.47	7.78517
378807.28	3783062.41	7.51848	
	378823.66	3783044.35	7.27905
378840.05	3783026.29	7.21280	
	378856.43	3783008.24	7.28664
378872.81	3782990.18	7.22221	
	378908.20	3782959.35	6.77486
378926.90	3782942.94	6.45186	
	378945.60	3782926.53	6.21916
378964.31	3782910.12	6.07012	
	378983.01	3782893.70	5.91037
379001.71	3782877.29	5.74463	
	379020.42	3782860.88	5.60890
379039.12	3782844.47	5.44277	
	379057.83	3782828.06	5.31002
379076.53	3782811.65	5.29211	
	379095.23	3782795.24	5.36333
379113.94	3782778.82	5.46196	
	379132.64	3782762.41	5.53777
379151.34	3782746.00	5.59727	
	379170.05	3782729.59	5.61011
379188.75	3782713.18	5.50648	
	379207.45	3782696.77	5.44994
379226.16	3782680.36	5.41014	
	379244.86	3782663.95	5.38614
379263.57	3782647.53	5.35854	
	379282.27	3782631.12	5.39196
379300.97	3782614.71	5.57446	
	379319.68	3782598.30	5.79333
379338.38	3782581.89	5.95939	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
379357.08	3782565.48	5.96715		
379375.79	3782549.07	5.89301		
379394.49	3782532.65	5.89996		
379413.19	3782516.24	5.93452		
379431.90	3782499.83	5.91546		
379457.79	3782501.13	4.36586		
379477.59	3782486.46	4.21346		
379497.40	3782471.79	4.12629		
379517.20	3782457.12	4.11469		
379537.01	3782442.45	4.15842		
379556.81	3782427.78	4.23406		
379576.61	3782413.11	4.29241		
379596.42	3782398.44	4.33143		
379616.22	3782383.77	4.38236		
379636.02	3782369.10	4.37102		
379655.83	3782354.43	4.31186		
379675.63	3782339.76	4.32072		
379695.43	3782325.09	4.35231		
379715.24	3782310.42	4.34238		
379735.04	3782295.75	4.35911		
379754.85	3782281.08	4.42280		
379774.65	3782266.41	4.53629		
379794.45	3782251.74	4.69704		
379814.26	3782237.07	4.86667		
379834.06	3782222.41	4.96983		
379853.86	3782207.74	4.99407		
379873.67	3782193.07	4.95526		
379893.47	3782178.40	4.88484		
379913.28	3782163.73	4.83383		
379933.08	3782149.06	4.81020		

	379952.88	3782134.39	4.82180
379972.69	3782119.72	4.82716	
	379992.49	3782105.05	4.68539
380012.29	3782090.38	4.16964	
	380032.10	3782075.71	3.31782
380051.90	3782061.04	2.64046	
	380056.22	3782024.94	2.87145
380028.72	3781991.94	3.72920	
	379981.06	3781971.23	2.68724
379961.42	3781985.50	2.98070	
	379941.77	3781999.78	3.24823
379922.13	3782014.05	3.45349	
	379902.48	3782028.33	3.57488
379882.83	3782042.61	3.67111	
	379863.19	3782056.88	3.72376
379843.54	3782071.16	3.75793	
	379823.89	3782085.44	3.78513
379804.25	3782099.71	3.80620	
	379784.60	3782113.99	3.81181
379764.96	3782128.26	3.80887	
	379745.31	3782142.54	3.79687
379725.66	3782156.82	3.78765	
	379706.02	3782171.09	3.79234
379686.37	3782185.37	3.80062	
	379666.72	3782199.64	3.76174
379647.08	3782213.92	3.70247	
	379627.43	3782228.20	3.63644
379607.79	3782242.47	3.57497	
	379588.14	3782256.75	3.54081
379568.49	3782271.03	3.54943	
	379560.95	3782239.27	2.17876
379529.05	3782238.74	1.86276	
	379509.69	3782254.25	1.90683
379490.32	3782269.76	1.94128	
	379470.96	3782285.28	1.94744
379451.59	3782300.79	1.93074	
	379432.23	3782316.30	1.92428
379412.87	3782331.82	1.97881	
	379393.50	3782347.33	1.99911
379374.14	3782362.84	2.01405	
	379354.78	3782378.35	2.06777
379335.41	3782393.87	2.13813	
	379316.05	3782409.38	2.22584
379296.69	3782424.89	2.32121	
	379277.32	3782440.41	2.40166
379257.96	3782455.92	2.43522	
	379238.60	3782471.43	2.42347
379219.23	3782486.94	2.39928	
	379199.87	3782502.46	2.37397
379180.50	3782517.97	2.33656	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
379161.14	3782533.48	2.26901		
379141.78	3782549.00	2.22688		
379122.41	3782564.51	2.20030		
379103.05	3782580.02	2.16918		
379083.69	3782595.53	2.13000		
379064.32	3782611.05	2.10324		
379044.96	3782626.56	2.21289		
379079.80	3782630.07	2.78741		
379012.15	3782628.78	1.90468		
378995.07	3782645.75	1.93441		
378977.99	3782662.71	1.90629		
378960.92	3782679.67	1.88116		
378943.84	3782696.63	1.86995		
378926.76	3782713.59	1.86495		
378909.69	3782730.55	1.87421		
378892.61	3782747.52	1.89265		
378875.54	3782764.48	1.91373		
378858.46	3782781.44	1.94087		
378841.38	3782798.40	1.96475		
378824.31	3782815.36	1.98424		
378807.23	3782832.32	1.98252		
378790.15	3782849.29	1.97571		
378773.08	3782866.25	1.98627		
378756.00	3782883.21	2.02842		
378738.93	3782900.17	2.06477		
378721.85	3782917.13	2.07802		
378704.77	3782934.09	2.12977		
378687.70	3782951.06	2.21420		
378670.62	3782968.02	2.22754		
378653.54	3782984.98	2.16710		

	378636.47	3783001.94	2.07914
378619.39	3783018.90	2.02483	
	378613.73	3782987.24	1.68008
378594.47	3782972.46	1.44559	
	378575.22	3782957.68	1.26972
378555.97	3782942.89	1.12794	
	378536.71	3782928.11	1.00997
378517.46	3782913.32	0.91002	
	378498.21	3782898.54	0.82402
378466.74	3782903.54	0.76885	
	378453.23	3782934.31	0.81154
378447.73	3782956.31	0.85400	
	378442.23	3782978.31	0.90021
378400.15	3782961.83	0.76038	
	378377.46	3782954.95	0.69977
378347.85	3782967.70	0.66666	
	378328.60	3783006.21	0.70131
378339.20	3783039.45	0.79949	
	378359.82	3783050.45	0.88429
378380.45	3783061.45	0.98095	
	378401.08	3783072.45	1.09177
378421.71	3783083.46	1.21916	
	378442.34	3783094.46	1.36994
378462.97	3783105.46	1.54944	
	378451.58	3783128.45	1.65416
378445.38	3783162.00	1.91218	
	378436.44	3783184.01	2.06339
378427.50	3783206.01	2.24197	
	378418.56	3783228.02	2.43564
378409.62	3783250.02	2.67607	
	378400.68	3783272.03	2.97521
378391.74	3783294.03	3.31323	
	378382.80	3783316.03	3.74777
378373.87	3783338.04	4.38274	
	378364.93	3783360.04	5.31827
378355.99	3783382.05	6.92414	
	378347.05	3783404.05	9.89345
378377.39	3783389.51	7.96071	
	378356.44	3783293.59	3.00705
378317.02	3783279.83	2.44520	
	378277.60	3783266.08	1.89283
378238.17	3783252.33	1.41191	
	378213.55	3783259.38	1.29630
378199.76	3783282.28	1.37403	
	378160.31	3783297.08	1.13531
378149.43	3783320.24	1.18377	
	378117.01	3783299.50	0.92670
378066.25	3783308.41	0.76188	
	378058.00	3783330.42	0.80187
378049.75	3783352.42	0.85187	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
378021.20	3783361.32	0.77995		
378001.26	3783372.32	0.74662		
377981.31	3783383.32	0.71274		
377949.64	3783389.01	0.63471		
377931.44	3783404.78	0.61921		
377922.97	3783427.63	0.64212		
377914.51	3783450.48	0.66558		
377906.05	3783473.33	0.69015		
377897.58	3783496.18	0.71646		
377889.12	3783519.03	0.74611		
377880.66	3783541.88	0.78005		
377872.19	3783564.73	0.81982		
377863.73	3783587.58	0.86657		
377855.27	3783610.43	0.92136		
377846.81	3783633.28	0.98023		
377838.34	3783656.13	1.07159		
377829.88	3783678.98	1.21633		
377821.42	3783701.83	1.35938		
377824.07	3783733.08	1.48041		
377831.41	3783767.92	1.80348		
377871.32	3783782.43	2.81615		
377909.82	3783752.18	5.78628		
377844.86	3783710.51	2.40012		
377954.88	3783413.46	0.70601		
377993.39	3783405.21	0.82106		
378073.16	3783361.20	0.99127		
378089.66	3783317.19	0.87371		
378169.42	3783341.95	1.58411		
378177.68	3783311.69	1.36823		
378207.93	3783325.44	2.13854		

	378229.94	3783275.93	1.61332
378348.21	3783317.19	3.53720	
	378315.20	3783396.96	9.53164
378370.21	3783413.46	12.21906	
	378477.48	3783149.41	2.05137
378474.73	3783083.40	1.46417	
	378350.96	3783017.39	0.77561
378370.21	3782978.88	0.73357	
	378460.98	3783006.38	1.04233
378482.98	3782918.37	0.83909	
	378637.01	3783036.64	2.61866
379046.84	3782629.56	2.25986	
	379060.59	3782646.07	2.83744
379544.68	3782258.25	2.34054	
	379583.19	3782291.25	6.19589
379995.76	3781991.45	4.52535	
	380037.02	3782040.95	3.85790
379442.91	3782481.04	6.63941	
	379415.41	3782481.04	9.96446
378854.30	3782973.38	12.72510	
	378477.48	3783388.70	13.59205
378455.48	3783446.47	12.38310	
	378513.24	3783465.72	6.50026
378488.48	3783512.48	8.68615	
	378405.97	3783479.47	24.57536
378012.65	3783826.04	1.93225	
	377894.37	3783732.52	9.72270
377855.87	3783762.77	2.74388	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
377878.86	3783752.13	138.71512		
377912.66	3783778.85	127.35831		
377946.45	3783805.57	118.40842		
377980.25	3783832.29	111.29661		
378029.18	3783844.80	106.34101		
378047.91	3783828.29	108.66929		
378066.64	3783811.79	110.84796		
378085.37	3783795.29	112.86940		
378104.10	3783778.78	114.90545		
378122.83	3783762.28	116.94200		
378141.55	3783745.78	118.83643		
378160.28	3783729.27	120.67299		
378179.01	3783712.77	122.43373		
378197.74	3783696.27	124.16916		
378216.47	3783679.76	125.98182		
378235.20	3783663.26	127.66480		
378253.93	3783646.76	129.39402		
378272.66	3783630.25	131.05669		
378291.39	3783613.75	132.63337		
378310.12	3783597.25	134.14706		
378328.85	3783580.74	135.63520		
378347.58	3783564.24	137.05435		
378366.31	3783547.74	138.47097		
378385.04	3783531.23	141.03384		
378403.77	3783514.73	151.74042		
378422.50	3783498.23	193.66565		
378437.94	3783519.19	147.83064		
378479.19	3783535.69	140.80660		
378503.83	3783530.06	144.35058		
378518.83	3783508.59	178.00787		

	378535.33	3783477.42	167.13968
378528.80	3783449.21	156.47960	
	378501.89	3783435.59	169.91072
378500.84	3783397.60	161.48753	
	378528.76	3783369.38	140.40942
378545.15	3783351.33	139.79258	
	378561.53	3783333.27	139.47206
378577.91	3783315.21	139.35430	
	378594.30	3783297.15	140.59981
378610.68	3783279.10	140.09441	
	378627.06	3783261.04	139.54952
378643.45	3783242.98	139.21069	
	378659.83	3783224.92	139.03888
378676.21	3783206.87	138.66091	
	378692.60	3783188.81	138.28608
378708.98	3783170.75	137.89180	
	378725.36	3783152.70	137.39453
378741.75	3783134.64	137.01692	
	378758.13	3783116.58	136.56265
378774.51	3783098.52	136.16624	
	378790.90	3783080.47	135.63203
378807.28	3783062.41	135.11612	
	378823.66	3783044.35	134.65614
378840.05	3783026.29	134.17808	
	378856.43	3783008.24	133.67295
378872.81	3782990.18	133.14629	
	378908.20	3782959.35	129.58569
378926.90	3782942.94	127.95638	
	378945.60	3782926.53	126.19350
378964.31	3782910.12	125.14317	
	378983.01	3782893.70	123.67996
379001.71	3782877.29	121.21219	
	379020.42	3782860.88	117.81612
379039.12	3782844.47	116.00736	
	379057.83	3782828.06	115.03824
379076.53	3782811.65	115.26126	
	379095.23	3782795.24	114.32903
379113.94	3782778.82	113.29308	
	379132.64	3782762.41	112.13516
379151.34	3782746.00	111.21780	
	379170.05	3782729.59	112.18099
379188.75	3782713.18	111.87906	
	379207.45	3782696.77	111.70773
379226.16	3782680.36	115.05227	
	379244.86	3782663.95	112.68570
379263.57	3782647.53	112.13842	
	379282.27	3782631.12	112.34444
379300.97	3782614.71	112.75452	
	379319.68	3782598.30	114.25834
379338.38	3782581.89	115.53194	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
379357.08	3782565.48	118.42688		
379375.79	3782549.07	117.88908		
379394.49	3782532.65	117.14280		
379413.19	3782516.24	116.88628		
379431.90	3782499.83	116.60688		
379457.79	3782501.13	105.35948		
379477.59	3782486.46	104.36969		
379497.40	3782471.79	104.93398		
379517.20	3782457.12	105.09630		
379537.01	3782442.45	104.09787		
379556.81	3782427.78	103.19987		
379576.61	3782413.11	102.35796		
379596.42	3782398.44	101.39775		
379616.22	3782383.77	100.90709		
379636.02	3782369.10	100.09803		
379655.83	3782354.43	100.01745		
379675.63	3782339.76	106.88489		
379695.43	3782325.09	103.62665		
379715.24	3782310.42	101.55540		
379735.04	3782295.75	101.08496		
379754.85	3782281.08	101.49833		
379774.65	3782266.41	101.67984		
379794.45	3782251.74	102.23160		
379814.26	3782237.07	106.45589		
379834.06	3782222.41	107.02832		
379853.86	3782207.74	105.85200		
379873.67	3782193.07	105.38337		
379893.47	3782178.40	102.27931		
379913.28	3782163.73	103.30407		
379933.08	3782149.06	105.63628		

	379952.88	3782134.39	107.37464
379972.69	3782119.72	109.15806	
	379992.49	3782105.05	111.99928
380012.29	3782090.38	115.19262	
	380032.10	3782075.71	120.23262
380051.90	3782061.04	122.13367	
	380056.22	3782024.94	136.77067
380028.72	3781991.94	201.09008	
	379981.06	3781971.23	138.34928
379961.42	3781985.50	137.41878	
	379941.77	3781999.78	134.80079
379922.13	3782014.05	131.89963	
	379902.48	3782028.33	131.21383
379882.83	3782042.61	130.60917	
	379863.19	3782056.88	130.14924
379843.54	3782071.16	130.60471	
	379823.89	3782085.44	130.09571
379804.25	3782099.71	129.28539	
	379784.60	3782113.99	128.54665
379764.96	3782128.26	128.34710	
	379745.31	3782142.54	128.12216
379725.66	3782156.82	127.97179	
	379706.02	3782171.09	128.32382
379686.37	3782185.37	128.68082	
	379666.72	3782199.64	129.15688
379647.08	3782213.92	129.39198	
	379627.43	3782228.20	129.46410
379607.79	3782242.47	129.69765	
	379588.14	3782256.75	131.20207
379568.49	3782271.03	131.89430	
	379560.95	3782239.27	115.73932
379529.05	3782238.74	109.46570	
	379509.69	3782254.25	110.48771
379490.32	3782269.76	111.18317	
	379470.96	3782285.28	111.89256
379451.59	3782300.79	112.60141	
	379432.23	3782316.30	113.34262
379412.87	3782331.82	114.21718	
	379393.50	3782347.33	115.05664
379374.14	3782362.84	115.47629	
	379354.78	3782378.35	115.76337
379335.41	3782393.87	116.59293	
	379316.05	3782409.38	117.85473
379296.69	3782424.89	118.87403	
	379277.32	3782440.41	120.88554
379257.96	3782455.92	121.74047	
	379238.60	3782471.43	118.33569
379219.23	3782486.94	118.82959	
	379199.87	3782502.46	118.98366
379180.50	3782517.97	112.25426	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
379161.14	3782533.48	113.71067		
379141.78	3782549.00	112.06840		
379122.41	3782564.51	110.65162		
379103.05	3782580.02	107.46390		
379083.69	3782595.53	105.06443		
379064.32	3782611.05	109.94770		
379044.96	3782626.56	108.14401		
379079.80	3782630.07	116.60480		
379012.15	3782628.78	98.70262		
378995.07	3782645.75	95.11239		
378977.99	3782662.71	93.85933		
378960.92	3782679.67	94.28861		
378943.84	3782696.63	95.47963		
378926.76	3782713.59	96.77208		
378909.69	3782730.55	97.99605		
378892.61	3782747.52	99.13131		
378875.54	3782764.48	101.03695		
378858.46	3782781.44	102.98703		
378841.38	3782798.40	106.23995		
378824.31	3782815.36	108.88725		
378807.23	3782832.32	105.70586		
378790.15	3782849.29	102.79872		
378773.08	3782866.25	108.37258		
378756.00	3782883.21	104.12827		
378738.93	3782900.17	107.20555		
378721.85	3782917.13	107.20364		
378704.77	3782934.09	106.70374		
378687.70	3782951.06	105.90686		
378670.62	3782968.02	105.18283		
378653.54	3782984.98	104.51433		

	378636.47	3783001.94	100.55115
378619.39	3783018.90	99.66141	
	378613.73	3782987.24	87.71335
378594.47	3782972.46	83.32352	
	378575.22	3782957.68	78.68464
378555.97	3782942.89	74.26036	
	378536.71	3782928.11	69.83306
378517.46	3782913.32	66.02119	
	378498.21	3782898.54	62.43996
378466.74	3782903.54	59.90775	
	378453.23	3782934.31	62.04124
378447.73	3782956.31	64.14199	
	378442.23	3782978.31	66.41043
378400.15	3782961.83	60.47289	
	378377.46	3782954.95	57.96589
378347.85	3782967.70	57.29597	
	378328.60	3783006.21	60.62826
378339.20	3783039.45	65.35686	
	378359.82	3783050.45	68.69228
378380.45	3783061.45	72.15247	
	378401.08	3783072.45	76.29721
378421.71	3783083.46	80.91733	
	378442.34	3783094.46	86.02372
378462.97	3783105.46	92.09169	
	378451.58	3783128.45	95.72930
378445.38	3783162.00	103.08341	
	378436.44	3783184.01	106.96400
378427.50	3783206.01	110.46832	
	378418.56	3783228.02	114.29124
378409.62	3783250.02	118.32924	
	378400.68	3783272.03	122.58918
378391.74	3783294.03	126.98720	
	378382.80	3783316.03	131.72898
378373.87	3783338.04	136.48479	
	378364.93	3783360.04	140.35146
378355.99	3783382.05	162.99272	
	378347.05	3783404.05	246.13893
378377.39	3783389.51	186.14575	
	378356.44	3783293.59	124.66993
378317.02	3783279.83	119.06740	
	378277.60	3783266.08	113.32079
378238.17	3783252.33	113.30392	
	378213.55	3783259.38	116.56256
378199.76	3783282.28	128.89116	
	378160.31	3783297.08	132.19302
378149.43	3783320.24	135.57668	
	378117.01	3783299.50	124.39127
378066.25	3783308.41	112.08578	
	378058.00	3783330.42	111.90961
378049.75	3783352.42	111.76084	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
378021.20	3783361.32	103.47381		
378001.26	3783372.32	97.88083		
377981.31	3783383.32	92.70005		
377949.64	3783389.01	84.56665		
377931.44	3783404.78	82.03422		
377922.97	3783427.63	81.53153		
377914.51	3783450.48	80.88432		
377906.05	3783473.33	81.56935		
377897.58	3783496.18	82.12881		
377889.12	3783519.03	82.60909		
377880.66	3783541.88	83.21515		
377872.19	3783564.73	83.94724		
377863.73	3783587.58	85.42644		
377855.27	3783610.43	88.94420		
377846.81	3783633.28	96.36716		
377838.34	3783656.13	108.16493		
377829.88	3783678.98	120.04557		
377821.42	3783701.83	125.76309		
377824.07	3783733.08	132.81032		
377831.41	3783767.92	130.84172		
377871.32	3783782.43	129.96263		
377909.82	3783752.18	135.50154		
377844.86	3783710.51	139.42840		
377954.88	3783413.46	88.17152		
377993.39	3783405.21	98.72637		
378073.16	3783361.20	118.94666		
378089.66	3783317.19	119.52827		
378169.42	3783341.95	149.91999		
378177.68	3783311.69	135.08375		
378207.93	3783325.44	139.66973		

	378229.94	3783275.93	122.01915
378348.21	3783317.19	130.32487	
	378315.20	3783396.96	248.11045
378370.21	3783413.46	294.29118	
	378477.48	3783149.41	106.71592
378474.73	3783083.40	88.95044	
	378350.96	3783017.39	63.40600
378370.21	3782978.88	60.12066	
	378460.98	3783006.38	72.69089
378482.98	3782918.37	63.20968	
	378637.01	3783036.64	114.09860
379046.84	3782629.56	108.88498	
	379060.59	3782646.07	117.42400
379544.68	3782258.25	119.12491	
	379583.19	3782291.25	154.13025
379995.76	3781991.45	250.12940	
	380037.02	3782040.95	138.57758
379442.91	3782481.04	122.80030	
	379415.41	3782481.04	136.07391
378854.30	3782973.38	192.46719	
	378477.48	3783388.70	204.68156
378455.48	3783446.47	274.74825	
	378513.24	3783465.72	214.34205
378488.48	3783512.48	203.80422	
	378405.97	3783479.47	262.74762
378012.65	3783826.04	110.91725	
	377894.37	3783732.52	149.99633
377855.87	3783762.77	135.60921	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
377878.86	3783752.13	129.53326		
377912.66	3783778.85	109.74881		
377946.45	3783805.57	100.00311		
377980.25	3783832.29	89.34697		
378029.18	3783844.80	81.27955		
378047.91	3783828.29	84.43538		
378066.64	3783811.79	87.79527		
378085.37	3783795.29	91.17631		
378104.10	3783778.78	94.73022		
378122.83	3783762.28	98.25940		
378141.55	3783745.78	101.67687		
378160.28	3783729.27	105.25940		
378179.01	3783712.77	107.95467		
378197.74	3783696.27	110.10844		
378216.47	3783679.76	112.42921		
378235.20	3783663.26	114.81174		
378253.93	3783646.76	117.55178		
378272.66	3783630.25	120.40206		
378291.39	3783613.75	123.48319		
378310.12	3783597.25	126.40072		
378328.85	3783580.74	129.23372		
378347.58	3783564.24	132.07062		
378366.31	3783547.74	134.88830		
378385.04	3783531.23	138.54909		
378403.77	3783514.73	140.87210		
378422.50	3783498.23	167.98953		
378437.94	3783519.19	140.15306		
378479.19	3783535.69	136.35484		
378503.83	3783530.06	139.65351		
378518.83	3783508.59	153.24069		

	378535.33	3783477.42	146.50825
378528.80	3783449.21	142.17846	
	378501.89	3783435.59	154.38199
378500.84	3783397.60	147.65993	
	378528.76	3783369.38	138.67388
378545.15	3783351.33	137.72344	
	378561.53	3783333.27	137.27939
378577.91	3783315.21	137.05546	
	378594.30	3783297.15	138.40205
378610.68	3783279.10	138.02449	
	378627.06	3783261.04	137.17148
378643.45	3783242.98	136.54324	
	378659.83	3783224.92	136.45479
378676.21	3783206.87	136.04323	
	378692.60	3783188.81	135.54040
378708.98	3783170.75	135.09784	
	378725.36	3783152.70	134.66768
378741.75	3783134.64	134.24704	
	378758.13	3783116.58	133.82457
378774.51	3783098.52	133.37958	
	378790.90	3783080.47	132.91438
378807.28	3783062.41	132.33121	
	378823.66	3783044.35	131.69426
378840.05	3783026.29	130.89175	
	378856.43	3783008.24	130.25584
378872.81	3782990.18	129.48454	
	378908.20	3782959.35	125.49194
378926.90	3782942.94	123.26229	
	378945.60	3782926.53	121.13675
378964.31	3782910.12	119.93581	
	378983.01	3782893.70	118.08683
379001.71	3782877.29	116.11078	
	379020.42	3782860.88	112.94349
379039.12	3782844.47	110.82253	
	379057.83	3782828.06	109.06244
379076.53	3782811.65	107.90150	
	379095.23	3782795.24	108.07958
379113.94	3782778.82	107.84697	
	379132.64	3782762.41	107.13294
379151.34	3782746.00	106.11449	
	379170.05	3782729.59	105.37670
379188.75	3782713.18	105.86611	
	379207.45	3782696.77	106.36681
379226.16	3782680.36	108.78903	
	379244.86	3782663.95	106.79858
379263.57	3782647.53	105.75606	
	379282.27	3782631.12	106.16192
379300.97	3782614.71	106.83330	
	379319.68	3782598.30	107.59343
379338.38	3782581.89	107.47478	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
379357.08	3782565.48	111.75121		
379375.79	3782549.07	111.32281		
379394.49	3782532.65	111.72844		
379413.19	3782516.24	111.75360		
379431.90	3782499.83	111.52909		
379457.79	3782501.13	98.49769		
379477.59	3782486.46	97.67146		
379497.40	3782471.79	96.44489		
379517.20	3782457.12	96.27681		
379537.01	3782442.45	95.38352		
379556.81	3782427.78	94.06250		
379576.61	3782413.11	94.02530		
379596.42	3782398.44	92.68056		
379616.22	3782383.77	91.99877		
379636.02	3782369.10	91.51268		
379655.83	3782354.43	92.30983		
379675.63	3782339.76	97.03592		
379695.43	3782325.09	94.40848		
379715.24	3782310.42	92.32968		
379735.04	3782295.75	91.74450		
379754.85	3782281.08	91.78837		
379774.65	3782266.41	92.93959		
379794.45	3782251.74	93.40637		
379814.26	3782237.07	94.00033		
379834.06	3782222.41	93.99873		
379853.86	3782207.74	92.92912		
379873.67	3782193.07	91.94911		
379893.47	3782178.40	91.70749		
379913.28	3782163.73	92.86818		
379933.08	3782149.06	95.68754		

	379952.88	3782134.39	98.79852
379972.69	3782119.72	101.60288	
	379992.49	3782105.05	104.79415
380012.29	3782090.38	108.01000	
	380032.10	3782075.71	111.96695
380051.90	3782061.04	114.79267	
	380056.22	3782024.94	133.65668
380028.72	3781991.94	182.80310	
	379981.06	3781971.23	134.63111
379961.42	3781985.50	132.63020	
	379941.77	3781999.78	129.84100
379922.13	3782014.05	128.02842	
	379902.48	3782028.33	127.20516
379882.83	3782042.61	126.41878	
	379863.19	3782056.88	125.75420
379843.54	3782071.16	125.26546	
	379823.89	3782085.44	124.70156
379804.25	3782099.71	124.26358	
	379784.60	3782113.99	123.80811
379764.96	3782128.26	123.58140	
	379745.31	3782142.54	123.17954
379725.66	3782156.82	122.75458	
	379706.02	3782171.09	122.90909
379686.37	3782185.37	123.19443	
	379666.72	3782199.64	123.86363
379647.08	3782213.92	123.94861	
	379627.43	3782228.20	124.09236
379607.79	3782242.47	124.48510	
	379588.14	3782256.75	126.08745
379568.49	3782271.03	127.05360	
	379560.95	3782239.27	108.63537
379529.05	3782238.74	101.63668	
	379509.69	3782254.25	103.02928
379490.32	3782269.76	103.94535	
	379470.96	3782285.28	104.56269
379451.59	3782300.79	105.37100	
	379432.23	3782316.30	106.19653
379412.87	3782331.82	107.13692	
	379393.50	3782347.33	107.38706
379374.14	3782362.84	107.36897	
	379354.78	3782378.35	108.15414
379335.41	3782393.87	109.39411	
	379316.05	3782409.38	110.95765
379296.69	3782424.89	112.11525	
	379277.32	3782440.41	113.23109
379257.96	3782455.92	113.79892	
	379238.60	3782471.43	110.97606
379219.23	3782486.94	109.36902	
	379199.87	3782502.46	107.13786
379180.50	3782517.97	102.88170	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
379161.14	3782533.48	101.78276		
379141.78	3782549.00	100.34329		
379122.41	3782564.51	100.32104		
379103.05	3782580.02	98.88366		
379083.69	3782595.53	97.28373		
379064.32	3782611.05	97.77076		
379044.96	3782626.56	101.88291		
379079.80	3782630.07	111.63271		
379012.15	3782628.78	87.46903		
378995.07	3782645.75	87.00128		
378977.99	3782662.71	85.90758		
378960.92	3782679.67	85.67178		
378943.84	3782696.63	86.36505		
378926.76	3782713.59	86.66139		
378909.69	3782730.55	87.89283		
378892.61	3782747.52	89.56777		
378875.54	3782764.48	91.63791		
378858.46	3782781.44	93.23152		
378841.38	3782798.40	95.13956		
378824.31	3782815.36	96.98072		
378807.23	3782832.32	95.30858		
378790.15	3782849.29	92.66840		
378773.08	3782866.25	92.50968		
378756.00	3782883.21	94.81765		
378738.93	3782900.17	97.57020		
378721.85	3782917.13	97.33264		
378704.77	3782934.09	96.59013		
378687.70	3782951.06	94.97530		
378670.62	3782968.02	92.52551		
378653.54	3782984.98	90.96718		

	378636.47	3783001.94	89.78021
378619.39	3783018.90	84.39784	
	378613.73	3782987.24	75.26229
378594.47	3782972.46	70.74714	
	378575.22	3782957.68	66.08458
378555.97	3782942.89	62.60543	
	378536.71	3782928.11	59.20951
378517.46	3782913.32	56.22448	
	378498.21	3782898.54	53.41707
378466.74	3782903.54	51.41658	
	378453.23	3782934.31	53.33450
378447.73	3782956.31	55.18114	
	378442.23	3782978.31	57.14238
378400.15	3782961.83	52.41148	
	378377.46	3782954.95	50.45736
378347.85	3782967.70	50.33397	
	378328.60	3783006.21	52.83721
378339.20	3783039.45	56.97789	
	378359.82	3783050.45	60.15561
378380.45	3783061.45	62.64124	
	378401.08	3783072.45	66.49603
378421.71	3783083.46	69.95416	
	378442.34	3783094.46	74.28581
378462.97	3783105.46	79.81859	
	378451.58	3783128.45	83.04019
378445.38	3783162.00	90.44365	
	378436.44	3783184.01	95.33527
378427.50	3783206.01	101.09333	
	378418.56	3783228.02	105.76269
378409.62	3783250.02	110.15249	
	378400.68	3783272.03	114.66059
378391.74	3783294.03	119.59536	
	378382.80	3783316.03	125.08970
378373.87	3783338.04	131.14995	
	378364.93	3783360.04	137.44761
378355.99	3783382.05	146.17072	
	378347.05	3783404.05	219.14046
378377.39	3783389.51	166.23739	
	378356.44	3783293.59	116.30893
378317.02	3783279.83	110.85797	
	378277.60	3783266.08	105.25620
378238.17	3783252.33	103.42714	
	378213.55	3783259.38	107.27507
378199.76	3783282.28	119.01798	
	378160.31	3783297.08	119.82451
378149.43	3783320.24	121.49956	
	378117.01	3783299.50	104.37618
378066.25	3783308.41	88.93644	
	378058.00	3783330.42	93.10916
378049.75	3783352.42	92.99836	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
378021.20	3783361.32	85.52690		
378001.26	3783372.32	81.05124		
377981.31	3783383.32	76.82489		
377949.64	3783389.01	69.44076		
377931.44	3783404.78	66.73878		
377922.97	3783427.63	66.70003		
377914.51	3783450.48	67.31663		
377906.05	3783473.33	66.64960		
377897.58	3783496.18	66.84781		
377889.12	3783519.03	67.07906		
377880.66	3783541.88	67.07447		
377872.19	3783564.73	68.69520		
377863.73	3783587.58	70.98877		
377855.27	3783610.43	74.68633		
377846.81	3783633.28	82.26007		
377838.34	3783656.13	94.68202		
377829.88	3783678.98	109.42356		
377821.42	3783701.83	115.41043		
377824.07	3783733.08	122.18478		
377831.41	3783767.92	119.30390		
377871.32	3783782.43	114.61513		
377909.82	3783752.18	122.53103		
377844.86	3783710.51	133.45090		
377954.88	3783413.46	71.48239		
377993.39	3783405.21	80.66499		
378073.16	3783361.20	104.33579		
378089.66	3783317.19	99.17657		
378169.42	3783341.95	137.10292		
378177.68	3783311.69	124.88754		
378207.93	3783325.44	133.40016		

	378229.94	3783275.93	113.75515
378348.21	3783317.19	123.45869	
	378315.20	3783396.96	216.96797
378370.21	3783413.46	258.73845	
	378477.48	3783149.41	93.93941
378474.73	3783083.40	76.83844	
	378350.96	3783017.39	55.25077
378370.21	3782978.88	52.47957	
	378460.98	3783006.38	62.35307
378482.98	3782918.37	54.08690	
	378637.01	3783036.64	105.66995
379046.84	3782629.56	103.03914	
	379060.59	3782646.07	112.20088
379544.68	3782258.25	112.31658	
	379583.19	3782291.25	141.33689
379995.76	3781991.45	212.97438	
	380037.02	3782040.95	135.08874
379442.91	3782481.04	117.53358	
	379415.41	3782481.04	132.84787
378854.30	3782973.38	145.05056	
	378477.48	3783388.70	179.77684
378455.48	3783446.47	248.76108	
	378513.24	3783465.72	189.84560
378488.48	3783512.48	178.16478	
	378405.97	3783479.47	226.14184
378012.65	3783826.04	87.12253	
	377894.37	3783732.52	137.56801
377855.87	3783762.77	126.17954	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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 *** 16:00:26

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD

(43848 HRS) RESULTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN **

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

ALL	1ST HIGHEST VALUE IS	24.57536 AT (378405.97,
3783479.47,	236.00, 236.00,	0.00) DC
	2ND HIGHEST VALUE IS	17.53204 AT (378422.50,
3783498.23,	236.00, 236.00,	0.00) DC
	3RD HIGHEST VALUE IS	13.59205 AT (378477.48,
3783388.70,	236.00, 236.00,	0.00) DC
	4TH HIGHEST VALUE IS	12.72510 AT (378854.30,
3782973.38,	236.00, 236.00,	0.00) DC
	5TH HIGHEST VALUE IS	12.38310 AT (378455.48,
3783446.47,	236.00, 236.00,	0.00) DC
	6TH HIGHEST VALUE IS	12.26523 AT (378403.77,
3783514.73,	236.00, 236.00,	0.00) DC
	7TH HIGHEST VALUE IS	12.21906 AT (378370.21,
3783413.46,	236.00, 236.00,	0.00) DC
	8TH HIGHEST VALUE IS	11.35036 AT (378437.94,
3783519.19,	236.00, 236.00,	0.00) DC
	9TH HIGHEST VALUE IS	9.96446 AT (379415.41,
3782481.04,	236.00, 236.00,	0.00) DC
	10TH HIGHEST VALUE IS	9.90187 AT (378385.04,
3783531.23,	236.00, 236.00,	0.00) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST MAX DAILY
 1-HR RESULTS AVERAGED OVER 5 YEARS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN **

NETWORK GROUP ID	AVERAGE CONC		RECEPTOR (XR,
YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID	
ALL	1ST HIGHEST VALUE IS	294.29118 AT (	378370.21,
3783413.46,	236.00, 236.00,	0.00) DC	
	2ND HIGHEST VALUE IS	274.74825 AT (	378455.48,
3783446.47,	236.00, 236.00,	0.00) DC	
	3RD HIGHEST VALUE IS	262.74762 AT (	378405.97,
3783479.47,	236.00, 236.00,	0.00) DC	
	4TH HIGHEST VALUE IS	250.12940 AT (	379995.76,
3781991.45,	236.00, 236.00,	0.00) DC	
	5TH HIGHEST VALUE IS	248.11045 AT (	378315.20,
3783396.96,	236.00, 236.00,	0.00) DC	
	6TH HIGHEST VALUE IS	246.13893 AT (	378347.05,
3783404.05,	236.00, 236.00,	0.00) DC	
	7TH HIGHEST VALUE IS	214.34205 AT (	378513.24,
3783465.72,	236.00, 236.00,	0.00) DC	
	8TH HIGHEST VALUE IS	204.68156 AT (	378477.48,
3783388.70,	236.00, 236.00,	0.00) DC	
	9TH HIGHEST VALUE IS	203.80422 AT (	378488.48,
3783512.48,	236.00, 236.00,	0.00) DC	
	10TH HIGHEST VALUE IS	201.09008 AT (	380028.72,
3781991.94,	236.00, 236.00,	0.00) DC	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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 *** 16:00:26

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM 8TH-HIGHEST MAX DAILY
 1-HR RESULTS AVERAGED OVER 5 YEARS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN **

NETWORK GROUP ID YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE GRID-ID	RECEPTOR (XR,
ALL	1ST HIGHEST VALUE IS	258.73845 AT (378370.21,
3783413.46,	236.00, 236.00,	0.00) DC
	2ND HIGHEST VALUE IS	248.76108 AT (378455.48,
3783446.47,	236.00, 236.00,	0.00) DC
	3RD HIGHEST VALUE IS	226.14184 AT (378405.97,
3783479.47,	236.00, 236.00,	0.00) DC
	4TH HIGHEST VALUE IS	219.14046 AT (378347.05,
3783404.05,	236.00, 236.00,	0.00) DC
	5TH HIGHEST VALUE IS	216.96797 AT (378315.20,
3783396.96,	236.00, 236.00,	0.00) DC
	6TH HIGHEST VALUE IS	212.97438 AT (379995.76,
3781991.45,	236.00, 236.00,	0.00) DC
	7TH HIGHEST VALUE IS	189.84560 AT (378513.24,
3783465.72,	236.00, 236.00,	0.00) DC
	8TH HIGHEST VALUE IS	182.80310 AT (380028.72,
3781991.94,	236.00, 236.00,	0.00) DC
	9TH HIGHEST VALUE IS	179.77684 AT (378477.48,
3783388.70,	236.00, 236.00,	0.00) DC
	10TH HIGHEST VALUE IS	178.16478 AT (378488.48,
3783512.48,	236.00, 236.00,	0.00) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA ARM2 URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 3 Warning Message(s)
A Total of 713 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 519 Calm Hours Identified

A Total of 194 Missing Hours Identified (0.44 Percent)

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

***** WARNING MESSAGES *****
CO W361 28 COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2
require MULTYEAR Opt
ME W186 460 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 460 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** AERMOD Finishes Successfully ***

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 12/20/2019
** File: C:\Lakes\AERMOD View\HSR_B-LA_DPM_Glendale_2-Mile_Segment\HSR_B-
LA_DPM_Glendale_2-Mile_Segment.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\HSR_B-LA_Glendale_2-Miles_Segment\HSR_B-
LA_Glen
  MODELOPT CONC FLAT FASTAREA
  AVERTIME 24 PERIOD
  URBANOPT 203054 City_of_Glendale_(2017)
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL HSR_B-LA_DPM_Glendale_2-Mile_Segment.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREA1      AREAPOLY      383593.656  3776969.150      0.0
** DESCRSRC At Grade Rail Track Construction Area
** Source Parameters **
  SRCPARAM PAREA1      2.0391E-07      3.000      12
  AREAVERT PAREA1      383593.656  3776969.150  383646.598  3776992.679
  AREAVERT PAREA1      383511.303  3777286.797  383411.303  3777527.974
  AREAVERT PAREA1      383334.832  3777698.563  383164.244  3778116.211
  AREAVERT PAREA1      382423.066  3779904.450  382370.124  3779875.038
  AREAVERT PAREA1      382952.479  3778533.859  383123.067  3778098.564
  AREAVERT PAREA1      383381.891  3777451.504  383523.068  3777127.974
  URBANSRC ALL

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 2"
  EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
  EMISFACT PAREA1      HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
  EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

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DISCCART	382559.74	3779340.83
DISCCART	382550.16	3779363.49
DISCCART	382540.58	3779386.16
DISCCART	382530.99	3779408.83
DISCCART	382521.41	3779431.49
DISCCART	382511.83	3779454.16
DISCCART	382502.25	3779476.82
DISCCART	382492.66	3779499.49
DISCCART	382483.08	3779522.16
DISCCART	382473.50	3779544.82
DISCCART	382463.92	3779567.49
DISCCART	382454.33	3779590.15
DISCCART	382444.75	3779612.82
DISCCART	382435.17	3779635.49
DISCCART	382425.59	3779658.15
DISCCART	382416.00	3779680.82
DISCCART	382406.42	3779703.49
DISCCART	382396.84	3779726.15
DISCCART	382387.26	3779748.82
DISCCART	382377.68	3779771.48
DISCCART	382368.09	3779794.15
DISCCART	382358.51	3779816.82
DISCCART	382348.93	3779839.48
DISCCART	382339.35	3779862.15
DISCCART	382329.76	3779884.82
DISCCART	382344.89	3779918.27
DISCCART	382385.43	3779931.78
DISCCART	382425.97	3779945.29
DISCCART	382457.02	3779931.00
DISCCART	382466.31	3779908.20
DISCCART	382475.60	3779885.39
DISCCART	382484.89	3779862.59
DISCCART	382494.19	3779839.79
DISCCART	382503.48	3779816.98
DISCCART	382512.77	3779794.18
DISCCART	382522.06	3779771.37
DISCCART	382531.35	3779748.57
DISCCART	382540.64	3779725.76
DISCCART	382549.93	3779702.96
DISCCART	382559.22	3779680.16
DISCCART	382568.51	3779657.35
DISCCART	382577.80	3779634.55
DISCCART	382587.09	3779611.74
DISCCART	382596.38	3779588.94
DISCCART	382605.67	3779566.13
DISCCART	382614.96	3779543.33
DISCCART	382624.26	3779520.53
DISCCART	382633.55	3779497.72
DISCCART	382642.84	3779474.92
DISCCART	382652.13	3779452.11
DISCCART	382661.42	3779429.31
DISCCART	382670.71	3779406.50

DISCCART	382680.00	3779383.70
DISCCART	382689.29	3779360.90
DISCCART	382698.58	3779338.09
DISCCART	382707.87	3779315.29
DISCCART	382717.16	3779292.48
DISCCART	382726.45	3779269.68
DISCCART	382735.74	3779246.87
DISCCART	382745.03	3779224.07
DISCCART	382754.33	3779201.27
DISCCART	382763.62	3779178.46
DISCCART	382772.91	3779155.66
DISCCART	382782.20	3779132.85
DISCCART	382791.49	3779110.05
DISCCART	382800.78	3779087.24
DISCCART	382810.07	3779064.44
DISCCART	382819.36	3779041.64
DISCCART	382828.65	3779018.83
DISCCART	382837.94	3778996.03
DISCCART	382847.23	3778973.22
DISCCART	382856.52	3778950.42
DISCCART	382865.81	3778927.61
DISCCART	382875.10	3778904.81
DISCCART	382884.40	3778882.01
DISCCART	382893.69	3778859.20
DISCCART	382902.98	3778836.40
DISCCART	382912.27	3778813.59
DISCCART	382921.56	3778790.79
DISCCART	382930.85	3778767.98
DISCCART	382940.14	3778745.18
DISCCART	382949.43	3778722.38
DISCCART	382958.72	3778699.57
DISCCART	382977.30	3778653.96

** END OF FENCELINE GRID RECEPTORS

** Discrete Cartesian Plant Boundary - Primary Receptors

** Plant Boundary Name PLBN1

** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"

DISCCART	382352.79	3779894.55
DISCCART	382879.82	3778647.91
DISCCART	382815.63	3778651.29
DISCCART	382815.63	3778620.88
DISCCART	382903.47	3778607.37
DISCCART	383065.64	3778205.34
DISCCART	383052.12	3778191.82
DISCCART	382991.31	3778218.85
DISCCART	382879.82	3778205.34
DISCCART	382923.74	3778097.23
DISCCART	382923.74	3778083.72
DISCCART	382930.50	3778076.96
DISCCART	383106.18	3778073.58
DISCCART	383379.83	3777414.79
DISCCART	383305.50	3777401.28
DISCCART	383302.13	3777455.33
DISCCART	383116.31	3777424.92
DISCCART	383123.07	3777259.38

DISCCART	383183.88	3777174.92
DISCCART	383437.26	3777286.41
DISCCART	383565.64	3776985.73
DISCCART	383504.83	3776951.95
DISCCART	383454.15	3776992.49
DISCCART	383416.99	3776968.84
DISCCART	383474.42	3776894.51
DISCCART	383457.53	3776867.49
DISCCART	383487.94	3776833.70
DISCCART	383498.07	3776806.67
DISCCART	383541.99	3776826.95
DISCCART	383531.86	3776837.08
DISCCART	383552.13	3776857.35
DISCCART	383562.26	3776850.59
DISCCART	383582.53	3776850.59
DISCCART	383572.40	3776908.03
DISCCART	383751.45	3777016.14
DISCCART	383741.32	3777036.41
DISCCART	383653.48	3776992.49
DISCCART	383518.34	3777296.54
DISCCART	383552.13	3777303.30
DISCCART	383474.42	3777458.71
DISCCART	383450.78	3777448.57
DISCCART	383413.61	3777546.55
DISCCART	383444.02	3777560.06
DISCCART	383389.96	3777688.44
DISCCART	383346.05	3777688.44
DISCCART	383227.80	3777989.12
DISCCART	383389.96	3777995.88
DISCCART	383389.96	3778093.85
DISCCART	383197.39	3778100.61
DISCCART	382974.42	3778607.37
DISCCART	383109.56	3778597.23
DISCCART	383207.53	3778685.07
DISCCART	383156.85	3778685.07
DISCCART	383106.18	3778637.78
DISCCART	382954.15	3778644.53
DISCCART	382433.87	3779921.57

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE KBUR_v9.SFC

PROFFILE KBUR_v9.PFL

SURFDATA 23152 2012

UAIRDATA 3190 2012

PROFBASE 236.0 METERS

ME FINISHED

**

```
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 24 1ST
** Auto-Generated Plotfiles
  PLOTFILE 24 ALL 1ST HSR_B-LA_DPM_GLENDALE_2-
MILE_SEGMENT.AD\24H1GALL.PLT 31
  PLOTFILE PERIOD ALL HSR_B-LA_DPM_GLENDALE_2-
MILE_SEGMENT.AD\PE00GALL.PLT 32
  NOHEADER PLOTFILE
  SUMMFILE HSR_B-LA_DPM_Glendale_2-Mile_Segment.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 536 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 536 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/20/19
*** AERMET - VERSION 16216 *** ***
*** 00:52:56

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** MODEL SETUP OPTIONS

SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 1 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 203054.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:

FASTAREA - Use hybrid approach to optimize AREA sources;
also applies to LINE sources (formerly TOXICS option)
ADJ_U* - Use ADJ_U* option for SBL in AERMET
CCVR_Sub - Meteorological data includes CCVR substitutions
TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM_10

**Model Calculates 1 Short Term Average(s) of: 24-HR
and Calculates PERIOD Averages

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

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 1 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 0 line(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) = 236.00 ;
Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: HSR_B-LA_DPM_Glendale_2-
Mile_Segment.err

**File for Summary of Results: HSR_B-LA_DPM_Glendale_2-
Mile_Segment.sum

```

*** AERMOD - VERSION 19191 ***      *** C:\Lakes\AERMOD View\HSR_B-
LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen ***      12/20/19
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***      00:52:56

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*** MODELOPTs:      NonDEFAULT  CONC  FLAT  FASTAREA  URBAN  ADJ_U*

```

*** AREAPOLY SOURCE DATA

NUMBER	NUMBER	EMISSION	RATE	LOCATION OF AREA		BASE	RELEASE
SOURCE	INIT.	URBAN	EMISSION				
OF VERTS.	PART.	(GRAMS/SEC		X	Y	ELEV.	HEIGHT
ID	SZ	SOURCE	SCALAR	VARY			
(METERS)	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	BY						
PAREA1	0	0.20391E-06	383593.7	3776969.1	236.0	3.00	
12	0.00	YES	HRDOW7				

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LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/20/19
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL PAREA1 ,

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LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/20/19
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN

SOURCES ***

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

203054.	PAREA1	,
---------	--------	---

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 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/20/19
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

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 = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = TUESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = WEDNESDY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = THURSDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = FRIDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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			

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 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/20/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:52:56

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(383297.4, 3778390.6,	236.0,	236.0,	0.0);	(
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383671.2, 3776314.7,	236.0,	236.0,	0.0);	(
(382723.2, 3779895.4,	236.0,	236.0,	0.0);	(
382718.0, 3779324.5,	236.0,	236.0,	0.0);	(
(383239.4, 3778291.3,	236.0,	236.0,	0.0);	(
383032.9, 3779032.7,	236.0,	236.0,	0.0);	(
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383192.0, 3777831.7,	236.0,	236.0,	0.0);	(
(383233.6, 3777726.8,	236.0,	236.0,	0.0);	(
383777.5, 3777367.8,	236.0,	236.0,	0.0);	(
(384103.6, 3776976.2,	236.0,	236.0,	0.0);	(
383908.7, 3777102.4,	236.0,	236.0,	0.0);	(
(382955.3, 3778669.5,	236.0,	236.0,	0.0);	(
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(383042.1, 3778665.6,	236.0,	236.0,	0.0);	(
383085.6, 3778663.7,	236.0,	236.0,	0.0);	(
(383122.9, 3778687.6,	236.0,	236.0,	0.0);	(
383139.8, 3778703.3,	236.0,	236.0,	0.0);	(
(383173.7, 3778710.1,	236.0,	236.0,	0.0);	(
383207.5, 3778710.1,	236.0,	236.0,	0.0);	(
(383227.5, 3778680.2,	236.0,	236.0,	0.0);	(
383207.9, 3778651.8,	236.0,	236.0,	0.0);	(
(383175.2, 3778622.5,	236.0,	236.0,	0.0);	(
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(383275.2, 3777966.1, 236.0, 236.0, 0.0); (

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(383278.3, 3777928.9, 236.0, 236.0, 0.0); (

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(383296.5, 3777882.6, 236.0, 236.0, 0.0); (

383305.6, 3777859.5, 236.0, 236.0, 0.0);

(383314.7, 3777836.4, 236.0, 236.0, 0.0); (

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(383332.9, 3777790.1, 236.0, 236.0, 0.0); (

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(383431.0, 3777655.3, 236.0, 236.0, 0.0); (

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(383449.0, 3777612.6, 236.0, 236.0, 0.0); (

383458.0, 3777591.2, 236.0, 236.0, 0.0);

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/20/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:52:56

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

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383437.0, 3777555.4, 236.0, 236.0, 0.0);	(
(383459.3, 3777496.6, 236.0, 236.0, 0.0);	(
383496.8, 3777469.9, 236.0, 236.0, 0.0);	(
(383507.9, 3777447.7, 236.0, 236.0, 0.0);	(
383519.0, 3777425.5, 236.0, 236.0, 0.0);	(
(383530.1, 3777403.3, 236.0, 236.0, 0.0);	(
383541.2, 3777381.1, 236.0, 236.0, 0.0);	(
(383552.3, 3777358.9, 236.0, 236.0, 0.0);	(
383563.4, 3777336.7, 236.0, 236.0, 0.0);	(
(383574.5, 3777314.5, 236.0, 236.0, 0.0);	(
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(383540.1, 3777275.4, 236.0, 236.0, 0.0);	(
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(383570.1, 3777241.5, 236.0, 236.0, 0.0);	(
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(383589.5, 3777198.1, 236.0, 236.0, 0.0);	(
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(383608.8, 3777154.7, 236.0, 236.0, 0.0);	(
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(383628.1, 3777111.2, 236.0, 236.0, 0.0);	(
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(383764.4, 3776994.7, 236.0, 236.0, 0.0);	(
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(383114.9, 3777227.9, 236.0, 236.0, 0.0); (

383098.1, 3777258.4, 236.0, 236.0, 0.0);

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/20/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:52:56

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

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383112.3, 3777449.6,	236.0,	236.0,	0.0);	(
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383158.7, 3777457.2,	236.0,	236.0,	0.0);	(
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(383228.4, 3777468.6,	236.0,	236.0,	0.0);	(
383251.6, 3777472.4,	236.0,	236.0,	0.0);	(
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383328.2, 3777438.9,	236.0,	236.0,	0.0);	(
(383356.8, 3777436.0,	236.0,	236.0,	0.0);	(
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(383177.5, 3777836.8,	236.0,	236.0,	0.0);	(
383168.0, 3777859.5,	236.0,	236.0,	0.0);	(
(383158.6, 3777882.2,	236.0,	236.0,	0.0);	(
383149.1, 3777905.0,	236.0,	236.0,	0.0);	(
(383139.7, 3777927.7,	236.0,	236.0,	0.0);	(
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(382856.7, 3778195.9, 236.0, 236.0, 0.0); (

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(382921.4, 3778235.6, 236.0, 236.0, 0.0); (

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(383001.5, 3778241.7, 236.0, 236.0, 0.0); (

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(383024.4, 3778240.7, 236.0, 236.0, 0.0); (

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*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/20/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:52:56

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

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(382707.9, 3779315.3, 236.0, 236.0, 0.0); (

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(382726.5, 3779269.7, 236.0, 236.0, 0.0); (

382735.7, 3779246.9, 236.0, 236.0, 0.0);

(382745.0, 3779224.1, 236.0, 236.0, 0.0); (

382754.3, 3779201.3, 236.0, 236.0, 0.0);

(382763.6, 3779178.5, 236.0, 236.0, 0.0); (

382772.9, 3779155.7, 236.0, 236.0, 0.0);

(382782.2, 3779132.8, 236.0, 236.0, 0.0); (

382791.5, 3779110.0, 236.0, 236.0, 0.0);

(382800.8, 3779087.2, 236.0, 236.0, 0.0); (

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(382819.4, 3779041.6, 236.0, 236.0, 0.0); (

382828.6, 3779018.8, 236.0, 236.0, 0.0);

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** 00:52:56

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(382837.9, 3778996.0, 236.0, 236.0, 0.0); (

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(382856.5, 3778950.4, 236.0, 236.0, 0.0); (

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(382875.1, 3778904.8, 236.0, 236.0, 0.0); (

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(382893.7, 3778859.2, 236.0, 236.0, 0.0); (

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(382912.3, 3778813.6, 236.0, 236.0, 0.0); (

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(382930.8, 3778768.0, 236.0, 236.0, 0.0); (

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(382949.4, 3778722.4, 236.0, 236.0, 0.0); (

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(382977.3, 3778654.0, 236.0, 236.0, 0.0); (

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(382879.8, 3778647.9, 236.0, 236.0, 0.0); (

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(382815.6, 3778620.9, 236.0, 236.0, 0.0); (

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(383065.6, 3778205.3, 236.0, 236.0, 0.0); (

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(382991.3, 3778218.8, 236.0, 236.0, 0.0); (

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(383379.8, 3777414.8, 236.0, 236.0, 0.0); (

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(383302.1, 3777455.3, 236.0, 236.0, 0.0); (

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(383123.1, 3777259.4, 236.0, 236.0, 0.0); (

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(383498.1, 3776806.7, 236.0, 236.0, 0.0); (

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(383572.4, 3776908.0, 236.0, 236.0, 0.0); (

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(383741.3, 3777036.4, 236.0, 236.0, 0.0); (

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(383518.3, 3777296.5, 236.0, 236.0, 0.0); (

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(383474.4, 3777458.7, 236.0, 236.0, 0.0); (

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(383413.6, 3777546.5, 236.0, 236.0, 0.0); (

383444.0, 3777560.1, 236.0, 236.0, 0.0);

(383390.0, 3777688.4, 236.0, 236.0, 0.0); (

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(383227.8, 3777989.1, 236.0, 236.0, 0.0); (

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(383390.0, 3778093.8, 236.0, 236.0, 0.0); (

383197.4, 3778100.6, 236.0, 236.0, 0.0);

(382974.4, 3778607.4, 236.0, 236.0, 0.0); (

383109.6, 3778597.2, 236.0, 236.0, 0.0);

(383207.5, 3778685.1, 236.0, 236.0, 0.0); (

383156.8, 3778685.1, 236.0, 236.0, 0.0);

(383106.2, 3778637.8, 236.0, 236.0, 0.0); (

382954.1, 3778644.5, 236.0, 236.0, 0.0);

(382433.9, 3779921.6, 236.0, 236.0, 0.0);

8.23, 10.80, 1.54, 3.09, 5.14,

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF

METEOROLOGICAL DATA ***

Surface file: KBUR_v9.SFC
 Met Version: 16216
 Profile file: KBUR_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 23152 Upper air station no.:
 3190
 Name: UNKNOWN Name:
 UNKNOWN Year: 2012 Year:
 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0
BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT					
12	01	01	1	01	-23.4	0.241	-9.000	-9.000	-999.	285.	64.1	0.16	
3.02	1.00			2.45	359.	7.9	286.4	2.0					
12	01	01	1	02	-11.3	0.143	-9.000	-9.000	-999.	134.	23.1	0.16	
3.02	1.00			1.50	289.	7.9	284.9	2.0					
12	01	01	1	03	-4.8	0.092	-9.000	-9.000	-999.	68.	14.5	0.16	
3.02	1.00			0.99	300.	7.9	283.8	2.0					
12	01	01	1	04	-8.1	0.121	-9.000	-9.000	-999.	100.	19.1	0.16	
3.02	1.00			1.28	295.	7.9	284.2	2.0					
12	01	01	1	05	-2.9	0.074	-9.000	-9.000	-999.	49.	12.3	0.16	
3.02	1.00			0.75	323.	7.9	282.5	2.0					
12	01	01	1	06	-11.3	0.143	-9.000	-9.000	-999.	130.	23.0	0.16	
3.02	1.00			1.50	306.	7.9	283.1	2.0					
12	01	01	1	07	-16.9	0.176	-9.000	-9.000	-999.	178.	34.3	0.16	
3.02	1.00			1.82	315.	7.9	284.9	2.0					
12	01	01	1	08	-8.8	0.134	-9.000	-9.000	-999.	118.	24.3	0.16	
3.02	0.55			1.40	323.	7.9	287.0	2.0					
12	01	01	1	09	36.3	0.171	0.339	0.008	38.	169.	-12.2	0.16	
3.02	0.32			1.31	23.	7.9	288.8	2.0					
12	01	01	1	10	110.9	0.119	0.729	0.009	124.	99.	-1.4	0.16	
3.02	0.24			0.62	163.	7.9	292.0	2.0					
12	01	01	1	11	165.2	0.157	1.185	0.005	358.	149.	-2.1	0.16	
3.02	0.21			0.89	112.	7.9	296.4	2.0					
12	01	01	1	12	192.9	0.184	1.540	0.005	672.	189.	-2.8	0.16	
3.02	0.20			1.11	225.	7.9	299.2	2.0					
12	01	01	1	13	192.1	0.199	1.840	0.005	1152.	213.	-3.6	0.16	
3.02	0.20			1.26	250.	7.9	299.9	2.0					

12	01	01	1	14	164.6	0.270	1.886	0.005	1447.	337.	-10.6	0.16
3.02		0.21			2.03	273.	7.9	300.4	2.0			
12	01	01	1	15	111.1	0.289	1.699	0.005	1566.	373.	-19.3	0.16
3.02		0.25			2.35	270.	7.9	300.4	2.0			
12	01	01	1	16	35.3	0.338	1.167	0.005	1596.	472.	-96.9	0.16
3.02		0.33			3.12	289.	7.9	298.8	2.0			
12	01	01	1	17	-20.8	0.255	-9.000	-9.000	-999.	312.	71.4	0.16
3.02		0.60			2.57	318.	7.9	296.4	2.0			
12	01	01	1	18	-35.0	0.369	-9.000	-9.000	-999.	538.	149.9	0.16
3.02		1.00			3.68	320.	7.9	293.8	2.0			
12	01	01	1	19	-27.7	0.291	-9.000	-9.000	-999.	380.	93.2	0.16
3.02		1.00			2.93	345.	7.9	292.0	2.0			
12	01	01	1	20	-20.7	0.216	-9.000	-9.000	-999.	243.	51.2	0.16
3.02		1.00			2.20	325.	7.9	290.4	2.0			
12	01	01	1	21	-8.5	0.124	-9.000	-9.000	-999.	108.	19.8	0.16
3.02		1.00			1.31	359.	7.9	288.1	2.0			
12	01	01	1	22	-7.4	0.116	-9.000	-9.000	-999.	94.	18.4	0.16
3.02		1.00			1.23	304.	7.9	287.5	2.0			
12	01	01	1	23	-6.3	0.106	-9.000	-9.000	-999.	82.	16.7	0.16
3.02		1.00			1.13	314.	7.9	285.9	2.0			
12	01	01	1	24	-19.7	0.203	-9.000	-9.000	-999.	220.	45.5	0.16
3.02		1.00			2.08	319.	7.9	287.0	2.0			

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	359.	2.45	286.5	99.0	-99.00	-99.00

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

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10 IN
			**
X-COORD (M)	Y-COORD (M)	CONC	X-
383297.43	3778390.59	0.01571	
383094.79	3777661.11	0.01394	
384346.61	3776760.52	0.00467	
383671.17	3776314.73	0.00284	
382723.23	3779895.36	0.01207	
382717.98	3779324.52	0.07373	
383239.40	3778291.26	0.02876	
383032.92	3779032.71	0.02022	
383065.01	3778071.64	0.03589	
383191.97	3777831.70	0.06016	
383233.61	3777726.76	0.05938	
383777.52	3777367.76	0.01526	
384103.61	3776976.18	0.00759	
383908.70	3777102.37	0.01230	
382955.26	3778669.51	0.12169	
382998.70	3778667.58	0.05755	
383042.13	3778665.65	0.03854	
383085.57	3778663.72	0.02937	
383122.90	3778687.58	0.02247	
383139.79	3778703.35	0.02042	
383173.74	3778710.07	0.01792	
383207.53	3778710.07	0.01627	
383227.55	3778680.23	0.01558	
383207.89	3778651.82	0.01665	
383175.23	3778622.54	0.01915	
383142.58	3778593.26	0.02306	
383107.69	3778572.30	0.03019	
383085.17	3778573.99	0.03575	
383062.64	3778575.68	0.04251	
383040.12	3778577.37	0.05299	
383017.60	3778579.06	0.07119	
382995.07	3778580.75	0.10986	

	383026.39	3778551.34	0.07409
383036.08	3778529.31	0.07382	
	383045.77	3778507.27	0.07381
383055.47	3778485.24	0.07359	
	383065.16	3778463.21	0.07348
383074.86	3778441.17	0.07351	
	383084.55	3778419.14	0.07380
383094.25	3778397.11	0.07409	
	383103.94	3778375.07	0.07433
383113.64	3778353.04	0.07427	
	383123.33	3778331.01	0.07380
383133.02	3778308.98	0.07258	
	383142.72	3778286.94	0.07114
383152.41	3778264.91	0.07003	
	383162.11	3778242.88	0.06943
383171.80	3778220.84	0.06979	
	383181.50	3778198.81	0.07006
383191.19	3778176.78	0.07000	
	383200.88	3778154.74	0.07004
383210.58	3778132.71	0.06998	
	383220.27	3778110.68	0.06892
383246.41	3778123.90	0.04929	
	383270.48	3778123.06	0.04102
383294.55	3778122.21	0.03509	
	383318.62	3778121.37	0.03112
383342.69	3778120.52	0.02794	
	383366.77	3778119.68	0.02539
383390.84	3778118.83	0.02313	
	383414.96	3778093.85	0.02211
383414.96	3778069.36	0.02293	
	383414.96	3778044.87	0.02380
383414.96	3778020.37	0.02467	
	383414.96	3777995.88	0.02560
383391.00	3777970.90	0.02967	
	383367.84	3777969.94	0.03339
383344.67	3777968.97	0.03809	
	383321.50	3777968.00	0.04455
383298.34	3777967.04	0.05546	
	383275.17	3777966.07	0.07516
383252.01	3777965.11	0.11451	
	383278.35	3777928.88	0.09230
383287.45	3777905.75	0.09331	
	383296.55	3777882.62	0.09416
383305.64	3777859.49	0.09488	
	383314.74	3777836.37	0.09551
383323.83	3777813.24	0.09619	
	383332.93	3777790.11	0.09711
383342.03	3777766.98	0.09961	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
383351.12	3777743.85	0.10254		
383360.22	3777720.72	0.10520		
383369.32	3777697.59	0.10688		
383389.96	3777713.44	0.07235		
383413.00	3777698.14	0.06143		
383422.01	3777676.75	0.06177		
383431.02	3777655.35	0.06200		
383440.03	3777633.95	0.06207		
383449.04	3777612.56	0.06182		
383458.05	3777591.16	0.06151		
383467.06	3777569.76	0.06164		
383460.72	3777544.03	0.07607		
383438.96	3777530.46	0.11753		
383436.98	3777555.42	0.09942		
383459.29	3777496.63	0.10254		
383496.78	3777469.89	0.06822		
383507.88	3777447.69	0.06560		
383518.98	3777425.49	0.06341		
383530.08	3777403.29	0.06190		
383541.19	3777381.09	0.06070		
383552.29	3777358.88	0.05974		
383563.39	3777336.68	0.05901		
383574.49	3777314.48	0.05870		
383565.81	3777285.55	0.07747		
383540.14	3777275.41	0.13045		
383560.49	3777263.26	0.09726		
383570.14	3777241.54	0.09573		
383579.80	3777219.82	0.09384		
383589.45	3777198.10	0.09274		
383599.10	3777176.39	0.09131		
383608.76	3777154.67	0.08943		
383618.41	3777132.95	0.08703		

	383628.06	3777111.23	0.08383
383637.71	3777089.52	0.07963	
	383647.37	3777067.80	0.07467
383657.02	3777046.08	0.06841	
	383666.67	3777024.36	0.06050
383686.22	3777036.81	0.04279	
	383708.18	3777047.79	0.03292
383730.14	3777058.77	0.02646	
	383763.68	3777047.59	0.02173
383773.81	3777027.32	0.02083	
	383764.37	3776994.74	0.02210
383744.48	3776982.73	0.02488	
	383724.58	3776970.71	0.02779
383704.69	3776958.70	0.02999	
	383684.79	3776946.69	0.03028
383664.90	3776934.68	0.02904	
	383645.01	3776922.67	0.02519
383625.11	3776910.65	0.02040	
	383605.22	3776898.64	0.01630
383585.32	3776886.63	0.01314	
	383607.15	3776854.93	0.01174
383592.11	3776830.06	0.00955	
	383562.26	3776825.59	0.00828
383538.25	3776836.56	0.00789	
	383552.47	3776804.25	0.00729
383530.51	3776794.11	0.00650	
	383508.55	3776783.97	0.00585
383481.61	3776790.72	0.00550	
	383469.59	3776811.41	0.00565
383454.15	3776833.87	0.00578	
	383438.95	3776850.77	0.00581
383436.33	3776880.74	0.00636	
	383453.22	3776907.76	0.00753
383425.92	3776916.39	0.00696	
	383411.56	3776934.97	0.00706
383397.21	3776953.55	0.00715	
	383403.57	3776989.93	0.00861
383440.73	3777013.58	0.01232	
	383469.77	3777012.01	0.01545
383503.55	3776984.99	0.01643	
	383533.23	3776996.32	0.02640
383553.50	3777007.58	0.05031	
	383524.31	3777018.87	0.03154
383515.14	3777040.34	0.03542	
	383505.97	3777061.82	0.03849
383496.80	3777083.30	0.04130	
	383487.63	3777104.78	0.04424
383478.46	3777126.25	0.04643	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
383469.29	3777147.73	0.04841		
383460.12	3777169.21	0.04919		
383450.95	3777190.68	0.04920		
383441.78	3777212.16	0.04972		
383432.61	3777233.64	0.05044		
383423.44	3777255.12	0.05120		
383383.98	3777235.65	0.02669		
383362.87	3777226.36	0.02109		
383341.75	3777217.07	0.01712		
383320.64	3777207.78	0.01425		
383299.52	3777198.49	0.01207		
383278.41	3777189.20	0.01038		
383257.29	3777179.91	0.00904		
383236.18	3777170.62	0.00796		
383215.06	3777161.33	0.00708		
383193.95	3777152.04	0.00635		
383163.59	3777160.31	0.00583		
383139.27	3777194.10	0.00582		
383114.94	3777227.88	0.00578		
383098.09	3777258.36	0.00583		
383097.13	3777282.01	0.00610		
383096.16	3777305.66	0.00638		
383095.19	3777329.31	0.00667		
383094.23	3777352.95	0.00698		
383093.26	3777376.60	0.00730		
383092.30	3777400.25	0.00764		
383091.33	3777423.90	0.00801		
383112.27	3777449.59	0.00923		
383135.50	3777453.39	0.01035		
383158.73	3777457.19	0.01176		
383181.95	3777461.00	0.01360		
383205.18	3777464.80	0.01619		

	383228.41	3777468.60	0.01962
383251.64	3777472.40	0.02384	
	383274.86	3777476.20	0.02964
383298.09	3777480.00	0.03792	
	383322.40	3777465.88	0.04651
383328.20	3777438.87	0.04271	
	383356.78	3777436.01	0.06927
383319.00	3777496.07	0.05455	
	383309.56	3777518.78	0.05539
383300.13	3777541.50	0.05344	
	383290.69	3777564.22	0.05238
383281.25	3777586.94	0.05212	
	383271.82	3777609.65	0.05172
383262.38	3777632.37	0.05118	
	383252.94	3777655.09	0.05054
383243.51	3777677.80	0.04982	
	383234.07	3777700.52	0.04944
383224.64	3777723.24	0.04920	
	383215.20	3777745.95	0.04902
383205.76	3777768.67	0.04872	
	383196.33	3777791.39	0.04841
383186.89	3777814.10	0.04813	
	383177.45	3777836.82	0.04780
383168.02	3777859.54	0.04752	
	383158.58	3777882.25	0.04716
383149.15	3777904.97	0.04678	
	383139.71	3777927.69	0.04629
383130.27	3777950.41	0.04583	
	383120.84	3777973.12	0.04543
383111.40	3777995.84	0.04507	
	383101.96	3778018.56	0.04465
383092.53	3778041.27	0.04406	
	383083.09	3778063.99	0.04376
383061.78	3778049.43	0.03170	
	383017.86	3778050.27	0.02239
382973.94	3778051.12	0.01749	
	382930.02	3778051.96	0.01431
382906.06	3778066.04	0.01355	
	382898.74	3778097.23	0.01427
382883.01	3778131.06	0.01449	
	382874.23	3778152.69	0.01464
382865.44	3778174.31	0.01466	
	382856.66	3778195.93	0.01462
382876.81	3778230.16	0.01690	
	382921.41	3778235.56	0.02137
382966.00	3778240.97	0.02825	
	383001.46	3778241.69	0.03849
383042.00	3778223.67	0.06297	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10 IN
			**
X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
383024.44	3778240.66	0.05280	
383015.43	3778262.99	0.05223	
383006.42	3778285.33	0.05160	
382997.41	3778307.66	0.05099	
382988.40	3778330.00	0.05037	
382979.39	3778352.33	0.04964	
382970.38	3778374.67	0.04892	
382961.37	3778397.00	0.04833	
382952.36	3778419.34	0.04791	
382943.35	3778441.67	0.04783	
382934.34	3778464.01	0.04785	
382925.33	3778486.34	0.04791	
382916.32	3778508.68	0.04838	
382907.31	3778531.01	0.04811	
382898.30	3778553.35	0.04756	
382889.29	3778575.68	0.04803	
382880.29	3778598.02	0.04969	
382855.75	3778589.42	0.03646	
382811.83	3778596.17	0.02617	
382793.64	3778612.74	0.02395	
382790.63	3778636.08	0.02461	
382816.94	3778676.26	0.03423	
382859.74	3778674.00	0.06207	
382828.05	3778706.17	0.04560	
382818.46	3778728.84	0.04552	
382808.88	3778751.51	0.04556	
382799.30	3778774.17	0.04569	
382789.72	3778796.84	0.04594	
382780.13	3778819.50	0.04629	
382770.55	3778842.17	0.04667	
382760.97	3778864.84	0.04706	
382751.39	3778887.50	0.04751	

	382741.80	3778910.17	0.04796
382732.22	3778932.84	0.04840	
	382722.64	3778955.50	0.04882
382713.06	3778978.17	0.04927	
	382703.48	3779000.83	0.04967
382693.89	3779023.50	0.05006	
	382684.31	3779046.17	0.05046
382674.73	3779068.83	0.05086	
	382665.15	3779091.50	0.05127
382655.56	3779114.17	0.05166	
	382645.98	3779136.83	0.05211
382636.40	3779159.50	0.05251	
	382626.82	3779182.16	0.05292
382617.23	3779204.83	0.05333	
	382607.65	3779227.50	0.05374
382598.07	3779250.16	0.05415	
	382588.49	3779272.83	0.05459
382578.90	3779295.49	0.05500	
	382569.32	3779318.16	0.05542
382559.74	3779340.83	0.05581	
	382550.16	3779363.49	0.05624
382540.58	3779386.16	0.05663	
	382530.99	3779408.83	0.05700
382521.41	3779431.49	0.05739	
	382511.83	3779454.16	0.05770
382502.25	3779476.82	0.05800	
	382492.66	3779499.49	0.05825
382483.08	3779522.16	0.05850	
	382473.50	3779544.82	0.05869
382463.92	3779567.49	0.05897	
	382454.33	3779590.15	0.05919
382444.75	3779612.82	0.05934	
	382435.17	3779635.49	0.05934
382425.59	3779658.15	0.05926	
	382416.00	3779680.82	0.05907
382406.42	3779703.49	0.05879	
	382396.84	3779726.15	0.05831
382387.26	3779748.82	0.05770	
	382377.68	3779771.48	0.05688
382368.09	3779794.15	0.05603	
	382358.51	3779816.82	0.05488
382348.93	3779839.48	0.05292	
	382339.35	3779862.15	0.04984
382329.76	3779884.82	0.04292	
	382344.89	3779918.27	0.04966
382385.43	3779931.78	0.07214	
	382425.97	3779945.29	0.05219
382457.02	3779931.00	0.04564	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
382466.31	3779908.20	0.05378		
382475.60	3779885.39	0.06191		
382484.89	3779862.59	0.06838		
382494.19	3779839.79	0.07274		
382503.48	3779816.98	0.07601		
382512.77	3779794.18	0.07915		
382522.06	3779771.37	0.08196		
382531.35	3779748.57	0.08419		
382540.64	3779725.76	0.08581		
382549.93	3779702.96	0.08711		
382559.22	3779680.16	0.08810		
382568.51	3779657.35	0.08884		
382577.80	3779634.55	0.08932		
382587.09	3779611.74	0.08962		
382596.38	3779588.94	0.08970		
382605.67	3779566.13	0.08976		
382614.96	3779543.33	0.08984		
382624.26	3779520.53	0.08997		
382633.55	3779497.72	0.09011		
382642.84	3779474.92	0.09023		
382652.13	3779452.11	0.09032		
382661.42	3779429.31	0.09037		
382670.71	3779406.50	0.09039		
382680.00	3779383.70	0.09041		
382689.29	3779360.90	0.09041		
382698.58	3779338.09	0.09039		
382707.87	3779315.29	0.09035		
382717.16	3779292.48	0.09033		
382726.45	3779269.68	0.09027		
382735.74	3779246.87	0.09019		
382745.03	3779224.07	0.09005		
382754.33	3779201.27	0.08984		

	382763.62	3779178.46	0.08968
382772.91	3779155.66	0.08956	
	382782.20	3779132.85	0.08942
382791.49	3779110.05	0.08926	
	382800.78	3779087.24	0.08910
382810.07	3779064.44	0.08893	
	382819.36	3779041.64	0.08873
382828.65	3779018.83	0.08854	
	382837.94	3778996.03	0.08834
382847.23	3778973.22	0.08815	
	382856.52	3778950.42	0.08797
382865.81	3778927.61	0.08780	
	382875.10	3778904.81	0.08765
382884.40	3778882.01	0.08752	
	382893.69	3778859.20	0.08744
382902.98	3778836.40	0.08739	
	382912.27	3778813.59	0.08741
382921.56	3778790.79	0.08747	
	382930.85	3778767.98	0.08745
382940.14	3778745.18	0.08730	
	382949.43	3778722.38	0.08700
382958.72	3778699.57	0.08652	
	382977.30	3778653.96	0.08526
382352.79	3779894.55	0.07109	
	382879.82	3778647.91	0.07589
382815.63	3778651.29	0.03144	
	382815.63	3778620.88	0.02919
382903.47	3778607.37	0.08585	
	383065.64	3778205.34	0.09269
383052.12	3778191.82	0.05682	
	382991.31	3778218.85	0.03228
382879.82	3778205.34	0.01652	
	382923.74	3778097.23	0.01581
382923.74	3778083.72	0.01523	
	382930.50	3778076.96	0.01535
383106.18	3778073.58	0.07616	
	383379.83	3777414.79	0.09664
383305.50	3777401.28	0.02740	
	383302.13	3777455.33	0.03470
383116.31	3777424.92	0.00887	
	383123.07	3777259.38	0.00638
383183.88	3777174.92	0.00652	
	383437.26	3777286.41	0.09681
383565.64	3776985.73	0.04192	
	383504.83	3776951.95	0.01251
383454.15	3776992.49	0.01183	
	383416.99	3776968.84	0.00836
383474.42	3776894.51	0.00778	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
383457.53	3776867.49	0.00655		
383487.94	3776833.70	0.00647		
383498.07	3776806.67	0.00609		
383541.99	3776826.95	0.00769		
383531.86	3776837.08	0.00771		
383552.13	3776857.35	0.00924		
383562.26	3776850.59	0.00934		
383582.53	3776850.59	0.01025		
383572.40	3776908.03	0.01435		
383751.45	3777016.14	0.02423		
383741.32	3777036.41	0.02548		
383653.48	3776992.49	0.08029		
383518.34	3777296.54	0.17751		
383552.13	3777303.30	0.08429		
383474.42	3777458.71	0.10109		
383450.78	3777448.57	0.19849		
383413.61	3777546.55	0.17854		
383444.02	3777560.06	0.08634		
383389.96	3777688.44	0.08243		
383346.05	3777688.44	0.19797		
383227.80	3777989.12	0.16226		
383389.96	3777995.88	0.02850		
383389.96	3778093.85	0.02425		
383197.39	3778100.61	0.10846		
382974.42	3778607.37	0.14375		
383109.56	3778597.23	0.02823		
383207.53	3778685.07	0.01642		
383156.85	3778685.07	0.01959		
383106.18	3778637.78	0.02690		
382954.15	3778644.53	0.16146		
382433.87	3779921.57	0.07421		

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
383297.43	3778390.59	0.08011m (15123124)	
383094.79	3777661.11	0.09747 (16120824)	
384346.61	3776760.52	0.06128m (15123124)	
383671.17	3776314.73	0.06098 (16122824)	
382723.23	3779895.36	0.07291c (14020424)	
382717.98	3779324.52	0.32149m (15123124)	
383239.40	3778291.26	0.11601c (12011024)	
383032.92	3779032.71	0.10904m (15123124)	
383065.01	3778071.64	0.17810 (13011724)	
383191.97	3777831.70	0.29056 (13011724)	
383233.61	3777726.76	0.28574c (14011524)	
383777.52	3777367.76	0.10732m (15123124)	
384103.61	3776976.18	0.07659m (15123124)	
383908.70	3777102.37	0.10133m (15123124)	
382955.26	3778669.51	0.45556m (15123124)	
382998.70	3778667.58	0.25467m (15123124)	
383042.13	3778665.65	0.18530m (15123124)	
383085.57	3778663.72	0.15221m (15123124)	
383122.90	3778687.58	0.12328m (15123124)	
383139.79	3778703.35	0.11446m (15123124)	
383173.74	3778710.07	0.10102m (15123124)	
383207.53	3778710.07	0.09374m (15123124)	
383227.55	3778680.23	0.09235m (15123124)	
383207.89	3778651.82	0.09768m (15123124)	
383175.23	3778622.54	0.11260m (15123124)	
383142.58	3778593.26	0.12915m (15123124)	
383107.69	3778572.30	0.15444m (15123124)	
383085.17	3778573.99	0.17032m (15123124)	
383062.64	3778575.68	0.19609m (15123124)	
383040.12	3778577.37	0.23689m (15123124)	
383017.60	3778579.06	0.29779m (15123124)	
382995.07	3778580.75	0.41812m (15123124)	

	383026.39	3778551.34	0.30511m (15123124)
383036.08	3778529.31	0.29632m (15123124)	
	383045.77	3778507.27	0.29533m (15123124)
383055.47	3778485.24	0.29277m (15123124)	
	383065.16	3778463.21	0.29005m (15123124)
383074.86	3778441.17	0.28769m (15123124)	
	383084.55	3778419.14	0.28610m (15123124)
383094.25	3778397.11	0.28497m (15123124)	
	383103.94	3778375.07	0.28404m (15123124)
383113.64	3778353.04	0.28327m (15123124)	
	383123.33	3778331.01	0.27858c (12011024)
383133.02	3778308.98	0.27628c (12011024)	
	383142.72	3778286.94	0.26256c (12011024)
383152.41	3778264.91	0.26345m (15123124)	
	383162.11	3778242.88	0.26495m (15123124)
383171.80	3778220.84	0.26616m (15123124)	
	383181.50	3778198.81	0.27053m (15123124)
383191.19	3778176.78	0.27272c (12011024)	
	383200.88	3778154.74	0.27455c (12011024)
383210.58	3778132.71	0.27477c (12011024)	
	383220.27	3778110.68	0.27700m (15123124)
383246.41	3778123.90	0.20633m (15123124)	
	383270.48	3778123.06	0.17393m (15123124)
383294.55	3778122.21	0.14723m (15123124)	
	383318.62	3778121.37	0.13140 (12020624)
383342.69	3778120.52	0.12162 (14012424)	
	383366.77	3778119.68	0.11192 (14012424)
383390.84	3778118.83	0.10353 (14012424)	
	383414.96	3778093.85	0.12570m (13123124)
383414.96	3778069.36	0.12436m (13123124)	
	383414.96	3778044.87	0.12231m (13123124)
383414.96	3778020.37	0.12021m (13123124)	
	383414.96	3777995.88	0.13707c (12011024)
383391.00	3777970.90	0.14551c (12011024)	
	383367.84	3777969.94	0.15388c (12011024)
383344.67	3777968.97	0.17085m (15123124)	
	383321.50	3777968.00	0.19661m (15123124)
383298.34	3777967.04	0.23353m (15123124)	
	383275.17	3777966.07	0.29663c (12011024)
383252.01	3777965.11	0.43469c (12011024)	
	383278.35	3777928.88	0.35816c (12011024)
383287.45	3777905.75	0.36167c (12011024)	
	383296.55	3777882.62	0.36699m (15123124)
383305.64	3777859.49	0.36952m (15123124)	
	383314.74	3777836.37	0.36972c (12011024)
383323.83	3777813.24	0.37648c (12011024)	
	383332.93	3777790.11	0.37844c (12011024)
383342.03	3777766.98	0.39159c (12011024)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
383351.12	3777743.85	0.39922c (12011024)	
383360.22	3777720.72	0.40711c (12011024)	
383369.32	3777697.59	0.41361c (12011024)	
383389.96	3777713.44	0.29693m (15123124)	
383413.00	3777698.14	0.25404m (15123124)	
383422.01	3777676.75	0.26373m (15123124)	
383431.02	3777655.35	0.27467m (15123124)	
383440.03	3777633.95	0.27244m (15123124)	
383449.04	3777612.56	0.27053m (15123124)	
383458.05	3777591.16	0.27090m (15123124)	
383467.06	3777569.76	0.27360m (15123124)	
383460.72	3777544.03	0.31768m (15123124)	
383438.96	3777530.46	0.45874m (15123124)	
383436.98	3777555.42	0.39270m (15123124)	
383459.29	3777496.63	0.42557m (15123124)	
383496.78	3777469.89	0.30633m (15123124)	
383507.88	3777447.69	0.30244m (15123124)	
383518.98	3777425.49	0.28821m (15123124)	
383530.08	3777403.29	0.27018m (15123124)	
383541.19	3777381.09	0.27093m (15123124)	
383552.29	3777358.88	0.27017m (15123124)	
383563.39	3777336.68	0.27136m (15123124)	
383574.49	3777314.48	0.27001m (15123124)	
383565.81	3777285.55	0.33228m (15123124)	
383540.14	3777275.41	0.50823m (15123124)	
383560.49	3777263.26	0.41624m (15123124)	
383570.14	3777241.54	0.40726m (15123124)	
383579.80	3777219.82	0.40353m (15123124)	
383589.45	3777198.10	0.40646m (15123124)	
383599.10	3777176.39	0.40842m (15123124)	
383608.76	3777154.67	0.41081m (15123124)	
383618.41	3777132.95	0.41040m (15123124)	

	383628.06	3777111.23	0.40780m (15123124)
383637.71	3777089.52	0.41166m (15123124)	
	383647.37	3777067.80	0.41470m (15123124)
383657.02	3777046.08	0.41480m (15123124)	
	383666.67	3777024.36	0.40571m (15123124)
383686.22	3777036.81	0.29957m (15123124)	
	383708.18	3777047.79	0.24283m (15123124)
383730.14	3777058.77	0.20962m (15123124)	
	383763.68	3777047.59	0.17867m (15123124)
383773.81	3777027.32	0.17671m (15123124)	
	383764.37	3776994.74	0.19434m (15123124)
383744.48	3776982.73	0.22599m (15123124)	
	383724.58	3776970.71	0.27078m (15123124)
383704.69	3776958.70	0.31606m (15123124)	
	383684.79	3776946.69	0.31974m (15123124)
383664.90	3776934.68	0.28662 (16020524)	
	383645.01	3776922.67	0.26898 (16020524)
383625.11	3776910.65	0.26923 (16122824)	
	383605.22	3776898.64	0.24881 (16122824)
383585.32	3776886.63	0.21112 (16122824)	
	383607.15	3776854.93	0.19571 (16122824)
383592.11	3776830.06	0.16771 (16122824)	
	383562.26	3776825.59	0.14420 (16122824)
383538.25	3776836.56	0.13048 (16122824)	
	383552.47	3776804.25	0.12861 (16122824)
383530.51	3776794.11	0.11227 (16122824)	
	383508.55	3776783.97	0.10149c (14011024)
383481.61	3776790.72	0.09632c (14011024)	
	383469.59	3776811.41	0.09700c (14011024)
383454.15	3776833.87	0.09576c (14011024)	
	383438.95	3776850.77	0.09338c (14011524)
383436.33	3776880.74	0.09685c (14011524)	
	383453.22	3776907.76	0.10813c (14011524)
383425.92	3776916.39	0.09919 (13011724)	
	383411.56	3776934.97	0.09692 (13011724)
383397.21	3776953.55	0.09402 (13011724)	
	383403.57	3776989.93	0.10278 (13011724)
383440.73	3777013.58	0.13009 (13011724)	
	383469.77	3777012.01	0.15603 (13011724)
383503.55	3776984.99	0.17862 (13011724)	
	383533.23	3776996.32	0.24298 (13011724)
383553.50	3777007.58	0.36733 (13011724)	
	383524.31	3777018.87	0.25657 (13011724)
383515.14	3777040.34	0.26662 (13011724)	
	383505.97	3777061.82	0.27125c (14011524)
383496.80	3777083.30	0.27358c (14011524)	
	383487.63	3777104.78	0.27849 (13011724)
383478.46	3777126.25	0.28186 (13011724)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
383469.29	3777147.73	0.27551	(13011724)	
383460.12	3777169.21	0.27840	(13011724)	
383450.95	3777190.68	0.27782	(13011724)	
383441.78	3777212.16	0.27987	(13011724)	
383432.61	3777233.64	0.28440c	(14011524)	
383423.44	3777255.12	0.28975c	(14011524)	
383383.98	3777235.65	0.17548c	(14011524)	
383362.87	3777226.36	0.15137c	(14011524)	
383341.75	3777217.07	0.13350c	(14011524)	
383320.64	3777207.78	0.11916c	(14011524)	
383299.52	3777198.49	0.10758c	(14011524)	
383278.41	3777189.20	0.09798c	(14011524)	
383257.29	3777179.91	0.09004c	(14011524)	
383236.18	3777170.62	0.08282c	(14011524)	
383215.06	3777161.33	0.07623c	(14011524)	
383193.95	3777152.04	0.07014c	(14011524)	
383163.59	3777160.31	0.06318c	(14011524)	
383139.27	3777194.10	0.06035	(13011724)	
383114.94	3777227.88	0.05834	(13011724)	
383098.09	3777258.36	0.05545	(13011724)	
383097.13	3777282.01	0.05517	(13011724)	
383096.16	3777305.66	0.05469	(13011724)	
383095.19	3777329.31	0.05394	(13121024)	
383094.23	3777352.95	0.05422	(13121024)	
383093.26	3777376.60	0.05414	(13121024)	
383092.30	3777400.25	0.05570c	(14011524)	
383091.33	3777423.90	0.05801c	(14011524)	
383112.27	3777449.59	0.06395	(12120624)	
383135.50	3777453.39	0.06911	(12120624)	
383158.73	3777457.19	0.07637	(16120824)	
383181.95	3777461.00	0.08563	(16020824)	
383205.18	3777464.80	0.09704	(16120824)	

	383228.41	3777468.60	0.11973c	(14011524)
383251.64	3777472.40	0.13712c	(14011524)	
	383274.86	3777476.20	0.16350c	(14011524)
383298.09	3777480.00	0.20270c	(14011524)	
	383322.40	3777465.88	0.24825c	(14011524)
383328.20	3777438.87	0.23562	(13011724)	
	383356.78	3777436.01	0.34765	(13011724)
383319.00	3777496.07	0.27543	(13011724)	
	383309.56	3777518.78	0.26749	(13011724)
383300.13	3777541.50	0.26312	(13011724)	
	383290.69	3777564.22	0.25810	(13011724)
383281.25	3777586.94	0.25423c	(14011524)	
	383271.82	3777609.65	0.24882c	(14011524)
383262.38	3777632.37	0.24487c	(14011524)	
	383252.94	3777655.09	0.24335	(13011724)
383243.51	3777677.80	0.24483c	(14011524)	
	383234.07	3777700.52	0.24807	(13011724)
383224.64	3777723.24	0.24910	(13011724)	
	383215.20	3777745.95	0.24840c	(14011524)
383205.76	3777768.67	0.25369c	(14011524)	
	383196.33	3777791.39	0.25299c	(14011524)
383186.89	3777814.10	0.25158c	(14011524)	
	383177.45	3777836.82	0.24768c	(14011524)
383168.02	3777859.54	0.24515c	(14011524)	
	383158.58	3777882.25	0.23891c	(14011524)
383149.15	3777904.97	0.23462c	(14011524)	
	383139.71	3777927.69	0.22497	(13011724)
383130.27	3777950.41	0.22043	(13011724)	
	383120.84	3777973.12	0.21911	(13011724)
383111.40	3777995.84	0.21973	(13011724)	
	383101.96	3778018.56	0.21530	(13011724)
383092.53	3778041.27	0.21150	(13011724)	
	383083.09	3778063.99	0.21149	(13011724)
383061.78	3778049.43	0.16427c	(14011524)	
	383017.86	3778050.27	0.13088	(15021924)
382973.94	3778051.12	0.10509	(15021924)	
	382930.02	3778051.96	0.08498c	(14011524)
382906.06	3778066.04	0.08657c	(14011524)	
	382898.74	3778097.23	0.08967	(13011724)
382883.01	3778131.06	0.09107	(13011724)	
	382874.23	3778152.69	0.09195	(13011724)
382865.44	3778174.31	0.09245	(13011724)	
	382856.66	3778195.93	0.09271	(13011724)
382876.81	3778230.16	0.10400	(13011724)	
	382921.41	3778235.56	0.12061	(13011724)
382966.00	3778240.97	0.13890	(13011724)	
	383001.46	3778241.69	0.18063	(13011724)
383042.00	3778223.67	0.28122	(13011724)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
383024.44	3778240.66	0.23870	(13011724)	
383015.43	3778262.99	0.23714	(13011724)	
383006.42	3778285.33	0.23680	(13011724)	
382997.41	3778307.66	0.23527	(13011724)	
382988.40	3778330.00	0.23481	(13011724)	
382979.39	3778352.33	0.22947	(13011724)	
382970.38	3778374.67	0.22501	(13011724)	
382961.37	3778397.00	0.22188	(13011724)	
382952.36	3778419.34	0.21663	(13011724)	
382943.35	3778441.67	0.21950	(13011724)	
382934.34	3778464.01	0.22237	(13011724)	
382925.33	3778486.34	0.22608	(13011724)	
382916.32	3778508.68	0.23333	(13011724)	
382907.31	3778531.01	0.23394	(13011724)	
382898.30	3778553.35	0.22835	(13011724)	
382889.29	3778575.68	0.23209	(13011724)	
382880.29	3778598.02	0.24053	(13011724)	
382855.75	3778589.42	0.18270	(13011724)	
382811.83	3778596.17	0.13566	(13011724)	
382793.64	3778612.74	0.12581	(13011724)	
382790.63	3778636.08	0.13277	(13011724)	
382816.94	3778676.26	0.17909	(13011724)	
382859.74	3778674.00	0.28413	(13011724)	
382828.05	3778706.17	0.23144	(13011724)	
382818.46	3778728.84	0.23471	(13011724)	
382808.88	3778751.51	0.23522	(13011724)	
382799.30	3778774.17	0.23582	(13011724)	
382789.72	3778796.84	0.23818	(13011724)	
382780.13	3778819.50	0.24049	(13011724)	
382770.55	3778842.17	0.24188	(13011724)	
382760.97	3778864.84	0.24427	(13011724)	
382751.39	3778887.50	0.24709	(13011724)	

	382741.80	3778910.17	0.25048	(13011724)
382732.22	3778932.84	0.25213	(13011724)	
	382722.64	3778955.50	0.25403	(13011724)
382713.06	3778978.17	0.25609	(13011724)	
	382703.48	3779000.83	0.25816	(13011724)
382693.89	3779023.50	0.26011	(13011724)	
	382684.31	3779046.17	0.26215	(13011724)
382674.73	3779068.83	0.26404	(13011724)	
	382665.15	3779091.50	0.26635	(13011724)
382655.56	3779114.17	0.26811	(13011724)	
	382645.98	3779136.83	0.26992	(13011724)
382636.40	3779159.50	0.27179	(13011724)	
	382626.82	3779182.16	0.27358	(13011724)
382617.23	3779204.83	0.27650	(13011724)	
	382607.65	3779227.50	0.27654	(13011724)
382598.07	3779250.16	0.27998	(13011724)	
	382588.49	3779272.83	0.28140	(13011724)
382578.90	3779295.49	0.28261	(13011724)	
	382569.32	3779318.16	0.28225	(13011724)
382559.74	3779340.83	0.28320	(13011724)	
	382550.16	3779363.49	0.28408	(13011724)
382540.58	3779386.16	0.28469	(13011724)	
	382530.99	3779408.83	0.28381	(13011724)
382521.41	3779431.49	0.28820c	(14011524)	
	382511.83	3779454.16	0.28876c	(14011524)
382502.25	3779476.82	0.29072c	(14011524)	
	382492.66	3779499.49	0.29124c	(14011524)
382483.08	3779522.16	0.29642c	(14011524)	
	382473.50	3779544.82	0.29542	(13122524)
382463.92	3779567.49	0.29732c	(14011524)	
	382454.33	3779590.15	0.30000	(13122524)
382444.75	3779612.82	0.30149	(13122524)	
	382435.17	3779635.49	0.29964	(13122524)
382425.59	3779658.15	0.29632	(13122524)	
	382416.00	3779680.82	0.29124	(13122524)
382406.42	3779703.49	0.28444	(13122524)	
	382396.84	3779726.15	0.28120	(16120824)
382387.26	3779748.82	0.28017	(16120824)	
	382377.68	3779771.48	0.28336	(16120824)
382368.09	3779794.15	0.28348	(16120824)	
	382358.51	3779816.82	0.28404	(16120824)
382348.93	3779839.48	0.28314	(16120824)	
	382339.35	3779862.15	0.28187	(16120824)
382329.76	3779884.82	0.25803	(16120824)	
	382344.89	3779918.27	0.31440	(16121224)
382385.43	3779931.78	0.39755	(13112024)	
	382425.97	3779945.29	0.29386	(13112024)
382457.02	3779931.00	0.22844	(13112024)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
382466.31	3779908.20	0.22786	(13112024)	
382475.60	3779885.39	0.22729	(13112024)	
382484.89	3779862.59	0.25765m	(13123124)	
382494.19	3779839.79	0.28101c	(12121724)	
382503.48	3779816.98	0.29740c	(12121724)	
382512.77	3779794.18	0.31169c	(12121724)	
382522.06	3779771.37	0.32278c	(12121724)	
382531.35	3779748.57	0.33534c	(12121724)	
382540.64	3779725.76	0.34350c	(12121724)	
382549.93	3779702.96	0.34952c	(12121724)	
382559.22	3779680.16	0.35338c	(12121724)	
382568.51	3779657.35	0.35482c	(12121724)	
382577.80	3779634.55	0.35571c	(12121724)	
382587.09	3779611.74	0.35351c	(12121724)	
382596.38	3779588.94	0.35356c	(12121724)	
382605.67	3779566.13	0.35621m	(15123124)	
382614.96	3779543.33	0.36088m	(15123124)	
382624.26	3779520.53	0.36479m	(15123124)	
382633.55	3779497.72	0.36828m	(15123124)	
382642.84	3779474.92	0.37121m	(15123124)	
382652.13	3779452.11	0.37430m	(15123124)	
382661.42	3779429.31	0.37650m	(15123124)	
382670.71	3779406.50	0.37835m	(15123124)	
382680.00	3779383.70	0.37861m	(15123124)	
382689.29	3779360.90	0.37978m	(15123124)	
382698.58	3779338.09	0.38083m	(15123124)	
382707.87	3779315.29	0.38150m	(15123124)	
382717.16	3779292.48	0.37923m	(15123124)	
382726.45	3779269.68	0.37933m	(15123124)	
382735.74	3779246.87	0.37910m	(15123124)	
382745.03	3779224.07	0.37793m	(15123124)	
382754.33	3779201.27	0.37775m	(15123124)	

	382763.62	3779178.46	0.37744m	(15123124)
382772.91	3779155.66		0.37706m	(15123124)
	382782.20	3779132.85	0.37671m	(15123124)
382791.49	3779110.05		0.37615m	(15123124)
	382800.78	3779087.24	0.37571m	(15123124)
382810.07	3779064.44		0.37503m	(15123124)
	382819.36	3779041.64	0.37443m	(15123124)
382828.65	3779018.83		0.37357m	(15123124)
	382837.94	3778996.03	0.37286m	(15123124)
382847.23	3778973.22		0.37076m	(15123124)
	382856.52	3778950.42	0.37043m	(15123124)
382865.81	3778927.61		0.36952m	(15123124)
	382875.10	3778904.81	0.36872m	(15123124)
382884.40	3778882.01		0.36775m	(15123124)
	382893.69	3778859.20	0.36672m	(15123124)
382902.98	3778836.40		0.36428m	(15123124)
	382912.27	3778813.59	0.36352m	(15123124)
382921.56	3778790.79		0.36284m	(15123124)
	382930.85	3778767.98	0.36117m	(15123124)
382940.14	3778745.18		0.35910m	(15123124)
	382949.43	3778722.38	0.35779m	(15123124)
382958.72	3778699.57		0.35227m	(15123124)
	382977.30	3778653.96	0.34855m	(15123124)
382352.79	3779894.55		0.37118	(16121224)
	382879.82	3778647.91	0.33176	(13011724)
382815.63	3778651.29		0.16602	(13011724)
	382815.63	3778620.88	0.15337	(13011724)
382903.47	3778607.37		0.36769	(13011724)
	383065.64	3778205.34	0.39087	(13011724)
383052.12	3778191.82		0.27053c	(14011524)
	382991.31	3778218.85	0.15331	(13011724)
382879.82	3778205.34		0.10080	(13011724)
	382923.74	3778097.23	0.09329	(13011724)
382923.74	3778083.72		0.08936	(13011724)
	382930.50	3778076.96	0.08858	(15021924)
383106.18	3778073.58		0.33417	(13010224)
	383379.83	3777414.79	0.43721	(13011724)
383305.50	3777401.28		0.18045c	(14011524)
	383302.13	3777455.33	0.19641c	(14011524)
383116.31	3777424.92		0.06208	(12120624)
	383123.07	3777259.38	0.06045	(13011724)
383183.88	3777174.92		0.06924c	(14011524)
	383437.26	3777286.41	0.45817	(13011724)
383565.64	3776985.73		0.35264	(13011724)
	383504.83	3776951.95	0.15708c	(14011024)
383454.15	3776992.49		0.13273	(13011724)
	383416.99	3776968.84	0.10464	(13011724)
383474.42	3776894.51		0.11639c	(14011024)

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/20/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:52:56

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
383457.53	3776867.49	0.10276c	(14011024)	
383487.94	3776833.70	0.10846c	(14011024)	
383498.07	3776806.67	0.10498c	(14011024)	
383541.99	3776826.95	0.12974	(16122824)	
383531.86	3776837.08	0.12672c	(14011024)	
383552.13	3776857.35	0.15089	(16122824)	
383562.26	3776850.59	0.15688	(16122824)	
383582.53	3776850.59	0.17535	(16122824)	
383572.40	3776908.03	0.21511	(16122824)	
383751.45	3777016.14	0.19920m	(15123124)	
383741.32	3777036.41	0.20310m	(15123124)	
383653.48	3776992.49	0.61999m	(15123124)	
383518.34	3777296.54	0.67084c	(12011024)	
383552.13	3777303.30	0.35521m	(15123124)	
383474.42	3777458.71	0.42116m	(15123124)	
383450.78	3777448.57	0.74699c	(12011024)	
383413.61	3777546.55	0.66207c	(12011024)	
383444.02	3777560.06	0.35207m	(15123124)	
383389.96	3777688.44	0.32721m	(15123124)	
383346.05	3777688.44	0.72087c	(12011024)	
383227.80	3777989.12	0.60012c	(12011024)	
383389.96	3777995.88	0.14356c	(12011024)	
383389.96	3778093.85	0.11140	(12121124)	
383197.39	3778100.61	0.41177c	(12011024)	
382974.42	3778607.37	0.53912c	(12011024)	
383109.56	3778597.23	0.14914m	(15123124)	
383207.53	3778685.07	0.09736m	(15123124)	
383156.85	3778685.07	0.11086m	(15123124)	
383106.18	3778637.78	0.14070m	(15123124)	
382954.15	3778644.53	0.59405c	(12011024)	
382433.87	3779921.57	0.34952	(13112024)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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 *** 00:52:56

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD

(43848 HRS) RESULTS ***

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

NETWORK GROUP ID YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE GRID-ID	RECEPTOR (XR,
ALL	1ST HIGHEST VALUE IS	0.19849 AT (383450.78,
3777448.57,	236.00, 236.00,	0.00) DC
	2ND HIGHEST VALUE IS	0.19797 AT (383346.05,
3777688.44,	236.00, 236.00,	0.00) DC
	3RD HIGHEST VALUE IS	0.17854 AT (383413.61,
3777546.55,	236.00, 236.00,	0.00) DC
	4TH HIGHEST VALUE IS	0.17751 AT (383518.34,
3777296.54,	236.00, 236.00,	0.00) DC
	5TH HIGHEST VALUE IS	0.16226 AT (383227.80,
3777989.12,	236.00, 236.00,	0.00) DC
	6TH HIGHEST VALUE IS	0.16146 AT (382954.15,
3778644.53,	236.00, 236.00,	0.00) DC
	7TH HIGHEST VALUE IS	0.14375 AT (382974.42,
3778607.37,	236.00, 236.00,	0.00) DC
	8TH HIGHEST VALUE IS	0.13045 AT (383540.14,
3777275.41,	236.00, 236.00,	0.00) DC
	9TH HIGHEST VALUE IS	0.12169 AT (382955.26,
3778669.51,	236.00, 236.00,	0.00) DC
	10TH HIGHEST VALUE IS	0.11753 AT (383438.96,
3777530.46,	236.00, 236.00,	0.00) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/20/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:52:56

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF

HIGHEST 24-HR RESULTS ***

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

DATE

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

ALL HIGH 1ST HIGH VALUE IS 0.74699c ON 12011024: AT (
 383450.78, 3777448.57, 236.00, 236.00, 0.00) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/20/19
*** AERMET - VERSION 16216 *** ***
*** 00:52:56

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA 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 713 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 519 Calm Hours Identified

A Total of 194 Missing Hours Identified (0.44 Percent)

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

***** WARNING MESSAGES *****
ME W186 536 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 536 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** AERMOD Finishes Successfully ***

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 12/17/2019
** File: C:\Lakes\AERMOD View\HSR_B-LA_CO_Glendale_2-Miles_Segment\HSR_B-
LA_CO_Glendale_2-Miles_Segment.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\HSR_B-LA_Glendale_2-Miles_Segment\HSR_B-
LA_Glen
  MODELOPT CONC FASTAREA
  AVERTIME 1 8
  URBANOPT 203054 City_of_Glendale_(2017)
  POLLUTID CO
  FLAGPOLE 1.80
  RUNORNOT RUN
  ERRORFIL HSR_B-LA_CO_Glendale_2-Miles_Segment.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREA1      AREAPOLY      383593.656  3776969.150      134.250
** DESCRSRC At Grade Rail Track Construction Area
** Source Parameters **
  SRCPARAM PAREA1      0.0000387464      3.000      12
  AREAVERT PAREA1      383593.656  3776969.150  383646.598  3776992.679
  AREAVERT PAREA1      383511.303  3777286.797  383411.303  3777527.974
  AREAVERT PAREA1      383334.832  3777698.563  383164.244  3778116.211
  AREAVERT PAREA1      382423.066  3779904.450  382370.124  3779875.038
  AREAVERT PAREA1      382952.479  3778533.859  383123.067  3778098.564
  AREAVERT PAREA1      383381.891  3777451.504  383523.068  3777127.974
  URBANSRC ALL
** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 2"
  EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
  EMISFACT PAREA1      HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0

```

```

EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT PAREA1 HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT PAREA1 HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT PAREA1 HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT PAREA1 HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
    INCLUDED HSR_B-LA_CO_Glendale_2-Miles_Segment.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
    SURFFILE KBUR_v9.SFC
    PROFFILE KBUR_v9.PFL
    SURFDATA 23152 2012
    UAIRDATA 3190 2012
    PROFBASE 236.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
    RECTABLE ALLAVE 1ST
    RECTABLE 1 1ST
    RECTABLE 8 1ST
** Auto-Generated Plotfiles

```

PLOTFILE 1 ALL 1ST HSR_B-LA_CO_GLENDALE_2-
MILES_SEGMENT.AD\01H1GALL.PLT 31
PLOTFILE 8 ALL 1ST HSR_B-LA_CO_GLENDALE_2-
MILES_SEGMENT.AD\08H1GALL.PLT 32
SUMMFILE HSR_B-LA_CO_Glendale_2-Miles_Segment.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 95 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 95 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
*** AERMET - VERSION 16216 *** ***
*** 21:32:44

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** MODEL SETUP OPTIONS

SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 1 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 203054.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:

FASTAREA - Use hybrid approach to optimize AREA sources;
also applies to LINE sources (formerly TOXICS option)

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 Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: CO

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

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

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 1 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 0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

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

**NOTE: The Following Flags May Appear Following CONC Values: c for
Calm Hours

m for
Missing Hours

b for
Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 236.00 ;
Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: HSR_B-LA_CO_Glendale_2-
Miles_Segment.err

**File for Summary of Results: HSR_B-LA_CO_Glendale_2-
Miles_Segment.sum

```

*** AERMOD - VERSION 19191 ***      *** C:\Lakes\AERMOD View\HSR_B-
LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen ***      12/17/19
*** AERMET - VERSION 16216 ***      ***
***      21:32:44

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*** MODELOPTs:      NonDEFAULT  CONC  ELEV  FLGPOL  FASTAREA  URBAN  ADJ_U*

```

*** AREAPOLY SOURCE DATA

NUMBER	NUMBER	EMISSION	RATE	LOCATION OF AREA		BASE	RELEASE
SOURCE	INIT.	URBAN	EMISSION	RATE			
OF VERTS.	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT	
ID	SZ	SOURCE	SCALAR	VARY			
(METERS)	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	
	BY						
PAREA1	0	0.38746E-04	383593.7	3776969.1	134.2	3.00	
12	0.00	YES	HRDOW7				

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

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

ALL	PAREA1	,
-----	--------	---

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
*** AERMET - VERSION 16216 *** ***
*** 21:32:44

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN

SOURCES ***

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

203054.	PAREA1	,
---------	--------	---

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 21:32:44

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = MONDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = TUESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = WEDNESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = THURSDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = FRIDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10

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		

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(382955.3, 3778669.5,	142.3,	142.3,	1.8);	(
382998.7, 3778667.6,	142.8,	142.8,	1.8);	(
(383042.1, 3778665.6,	143.2,	143.2,	1.8);	(
383085.6, 3778663.7,	143.6,	143.6,	1.8);	(
(383122.9, 3778687.6,	144.0,	144.0,	1.8);	(
383139.8, 3778703.3,	144.4,	144.4,	1.8);	(
(383173.7, 3778710.1,	144.9,	144.9,	1.8);	(
383207.5, 3778710.1,	145.5,	145.5,	1.8);	(
(383227.5, 3778680.2,	145.5,	145.5,	1.8);	(
383207.9, 3778651.8,	145.2,	145.2,	1.8);	(
(383175.2, 3778622.5,	144.5,	144.5,	1.8);	(
383142.6, 3778593.3,	143.5,	143.5,	1.8);	(
(383107.7, 3778572.3,	143.4,	143.4,	1.8);	(
383085.2, 3778574.0,	143.0,	143.0,	1.8);	(
(383062.6, 3778575.7,	142.6,	142.6,	1.8);	(
383040.1, 3778577.4,	142.3,	142.3,	1.8);	(
(383017.6, 3778579.1,	141.8,	141.8,	1.8);	(
382995.1, 3778580.8,	141.7,	141.7,	1.8);	(
(383026.4, 3778551.3,	142.0,	142.0,	1.8);	(
383036.1, 3778529.3,	141.8,	304.6,	1.8);	(
(383045.8, 3778507.3,	141.8,	304.6,	1.8);	(
383055.5, 3778485.2,	141.7,	304.6,	1.8);	(
(383065.2, 3778463.2,	141.7,	304.6,	1.8);	(
383074.9, 3778441.2,	141.7,	304.6,	1.8);	(
(383084.5, 3778419.1,	141.7,	304.6,	1.8);	(
383094.2, 3778397.1,	141.8,	304.6,	1.8);	(
(383103.9, 3778375.1,	141.8,	304.6,	1.8);	(
383113.6, 3778353.0,	141.8,	304.6,	1.8);	(
(383123.3, 3778331.0,	141.5,	304.6,	1.8);	(
383133.0, 3778309.0,	141.5,	304.6,	1.8);	(
(383142.7, 3778286.9,	141.7,	304.6,	1.8);	(
383152.4, 3778264.9,	140.9,	304.6,	1.8);	(
(383162.1, 3778242.9,	141.0,	304.6,	1.8);	(
383171.8, 3778220.8,	141.3,	304.6,	1.8);	(
(383181.5, 3778198.8,	141.3,	304.6,	1.8);	(
383191.2, 3778176.8,	140.5,	304.6,	1.8);	(
(383200.9, 3778154.7,	140.6,	304.6,	1.8);	(
383210.6, 3778132.7,	140.1,	304.6,	1.8);	(
(383220.3, 3778110.7,	139.8,	304.6,	1.8);	(
383246.4, 3778123.9,	140.7,	304.6,	1.8);	(

(383270.5, 3778123.1, 140.8, 304.6, 1.8); (

383294.5, 3778122.2, 140.9, 304.6, 1.8);

(383318.6, 3778121.4, 140.9, 304.6, 1.8); (

383342.7, 3778120.5, 140.8, 304.6, 1.8);

(383366.8, 3778119.7, 141.8, 304.6, 1.8); (

383390.8, 3778118.8, 142.1, 304.6, 1.8);

(383415.0, 3778093.8, 141.6, 304.6, 1.8); (

383415.0, 3778069.4, 141.4, 304.6, 1.8);

(383415.0, 3778044.9, 141.3, 304.6, 1.8); (

383415.0, 3778020.4, 141.1, 304.6, 1.8);

(383415.0, 3777995.9, 140.4, 304.6, 1.8); (

383391.0, 3777970.9, 139.9, 304.6, 1.8);

(383367.8, 3777969.9, 139.5, 304.6, 1.8); (

383344.7, 3777969.0, 139.2, 304.6, 1.8);

(383321.5, 3777968.0, 138.9, 326.2, 1.8); (

383298.3, 3777967.0, 138.7, 326.2, 1.8);

(383275.2, 3777966.1, 138.7, 326.2, 1.8); (

383252.0, 3777965.1, 138.3, 328.9, 1.8);

(383278.3, 3777928.9, 138.0, 328.9, 1.8); (

383287.5, 3777905.8, 137.9, 328.9, 1.8);

(383296.5, 3777882.6, 137.9, 328.9, 1.8); (

383305.6, 3777859.5, 137.9, 328.9, 1.8);

(383314.7, 3777836.4, 138.1, 328.9, 1.8); (

383323.8, 3777813.2, 137.9, 328.9, 1.8);

(383332.9, 3777790.1, 137.7, 328.9, 1.8); (

383342.0, 3777767.0, 137.6, 328.9, 1.8);

(383351.1, 3777743.8, 137.4, 328.9, 1.8); (

383360.2, 3777720.7, 137.3, 328.9, 1.8);

(383369.3, 3777697.6, 137.2, 328.9, 1.8); (

383390.0, 3777713.4, 137.1, 328.9, 1.8);

(383413.0, 3777698.1, 137.5, 328.9, 1.8); (

383422.0, 3777676.8, 137.2, 328.9, 1.8);

(383431.0, 3777655.3, 137.3, 328.9, 1.8); (

383440.0, 3777633.9, 137.3, 328.9, 1.8);

(383449.0, 3777612.6, 137.4, 328.9, 1.8); (

383458.0, 3777591.2, 137.4, 328.9, 1.8);

(383467.1, 3777569.8, 137.2, 328.9, 1.8); (

383460.7, 3777544.0, 137.4, 328.9, 1.8);

(383439.0, 3777530.5, 137.1, 328.9, 1.8); (

383437.0, 3777555.4, 137.2, 328.9, 1.8);

(383459.3, 3777496.6, 136.7, 328.9, 1.8); (

383496.8, 3777469.9, 136.5, 328.9, 1.8);

(383507.9, 3777447.7, 136.4, 328.9, 1.8); (

383519.0, 3777425.5, 136.3, 328.9, 1.8);

(383530.1, 3777403.3, 136.2, 328.9, 1.8); (

383541.2, 3777381.1, 136.1, 328.9, 1.8);

(383552.3, 3777358.9, 136.1, 328.9, 1.8); (

383563.4, 3777336.7, 136.0, 328.9, 1.8);

(383574.5, 3777314.5, 135.9, 328.9, 1.8); (

383565.8, 3777285.5, 135.6, 328.9, 1.8);

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(383540.1, 3777275.4, 135.7, 328.9, 1.8);	(
383560.5, 3777263.3, 135.6, 328.9, 1.8);	(
(383570.1, 3777241.5, 135.6, 328.9, 1.8);	(
383579.8, 3777219.8, 135.8, 328.9, 1.8);	(
(383589.5, 3777198.1, 135.7, 328.9, 1.8);	(
383599.1, 3777176.4, 135.6, 328.9, 1.8);	(
(383608.8, 3777154.7, 135.8, 328.9, 1.8);	(
383618.4, 3777132.9, 135.8, 328.9, 1.8);	(
(383628.1, 3777111.2, 135.9, 328.9, 1.8);	(
383637.7, 3777089.5, 135.7, 328.9, 1.8);	(
(383647.4, 3777067.8, 135.6, 328.9, 1.8);	(
383657.0, 3777046.1, 135.5, 328.9, 1.8);	(
(383666.7, 3777024.4, 135.5, 328.9, 1.8);	(
383686.2, 3777036.8, 135.3, 328.9, 1.8);	(
(383708.2, 3777047.8, 136.3, 326.2, 1.8);	(
383730.1, 3777058.8, 136.0, 326.2, 1.8);	(
(383763.7, 3777047.6, 135.7, 304.6, 1.8);	(
383773.8, 3777027.3, 135.7, 304.6, 1.8);	(
(383764.4, 3776994.7, 135.5, 304.6, 1.8);	(
383744.5, 3776982.7, 135.3, 326.2, 1.8);	(
(383724.6, 3776970.7, 135.2, 326.2, 1.8);	(
383704.7, 3776958.7, 135.0, 328.9, 1.8);	(
(383684.8, 3776946.7, 134.5, 328.9, 1.8);	(
383664.9, 3776934.7, 134.3, 328.9, 1.8);	(
(383645.0, 3776922.7, 134.2, 328.9, 1.8);	(
383625.1, 3776910.6, 134.1, 329.1, 1.8);	(
(383605.2, 3776898.6, 133.7, 329.1, 1.8);	(
383585.3, 3776886.6, 133.1, 329.1, 1.8);	(
(383607.1, 3776854.9, 133.4, 329.1, 1.8);	(
383592.1, 3776830.1, 132.0, 329.1, 1.8);	(
(383562.3, 3776825.6, 132.8, 329.1, 1.8);	(
383538.2, 3776836.6, 132.4, 329.1, 1.8);	(
(383552.5, 3776804.2, 132.4, 329.1, 1.8);	(
383530.5, 3776794.1, 131.0, 329.1, 1.8);	(
(383508.5, 3776784.0, 129.5, 329.1, 1.8);	(
383481.6, 3776790.7, 129.2, 329.1, 1.8);	(
(383469.6, 3776811.4, 129.5, 329.1, 1.8);	(
383454.1, 3776833.9, 129.6, 329.1, 1.8);	(
(383439.0, 3776850.8, 129.9, 329.1, 1.8);	(
383436.3, 3776880.7, 130.8, 329.1, 1.8);	(

(383453.2, 3776907.8, 132.5, 329.1, 1.8); (

383425.9, 3776916.4, 131.8, 329.1, 1.8);

(383411.6, 3776935.0, 132.2, 329.1, 1.8); (

383397.2, 3776953.5, 132.4, 329.1, 1.8);

(383403.6, 3776989.9, 133.1, 329.1, 1.8); (

383440.7, 3777013.6, 133.6, 329.1, 1.8);

(383469.8, 3777012.0, 133.8, 329.1, 1.8); (

383503.5, 3776985.0, 134.2, 329.1, 1.8);

(383533.2, 3776996.3, 134.1, 329.1, 1.8); (

383553.5, 3777007.6, 134.4, 329.1, 1.8);

(383524.3, 3777018.9, 134.5, 329.1, 1.8); (

383515.1, 3777040.3, 134.3, 329.1, 1.8);

(383506.0, 3777061.8, 134.2, 329.1, 1.8); (

383496.8, 3777083.3, 134.1, 329.1, 1.8);

(383487.6, 3777104.8, 134.4, 329.1, 1.8); (

383478.5, 3777126.2, 134.4, 329.1, 1.8);

(383469.3, 3777147.7, 134.5, 329.1, 1.8); (

383460.1, 3777169.2, 134.5, 329.1, 1.8);

(383451.0, 3777190.7, 134.5, 329.1, 1.8); (

383441.8, 3777212.2, 134.1, 329.1, 1.8);

(383432.6, 3777233.6, 133.7, 329.1, 1.8); (

383423.4, 3777255.1, 134.4, 329.1, 1.8);

(383384.0, 3777235.6, 133.9, 329.1, 1.8); (

383362.9, 3777226.4, 134.3, 329.1, 1.8);

(383341.8, 3777217.1, 134.0, 329.1, 1.8); (

383320.6, 3777207.8, 133.5, 329.1, 1.8);

(383299.5, 3777198.5, 133.5, 329.1, 1.8); (

383278.4, 3777189.2, 132.9, 329.1, 1.8);

(383257.3, 3777179.9, 132.7, 329.1, 1.8); (

383236.2, 3777170.6, 132.8, 329.1, 1.8);

(383215.1, 3777161.3, 132.5, 329.1, 1.8); (

383194.0, 3777152.0, 126.0, 329.1, 1.8);

(383163.6, 3777160.3, 125.4, 329.1, 1.8); (

383139.3, 3777194.1, 125.7, 329.1, 1.8);

(383114.9, 3777227.9, 125.4, 329.1, 1.8); (

383098.1, 3777258.4, 125.7, 329.1, 1.8);

(383097.1, 3777282.0, 125.7, 329.1, 1.8); (

383096.2, 3777305.7, 126.0, 329.1, 1.8);

(383095.2, 3777329.3, 126.5, 329.1, 1.8); (

383094.2, 3777352.9, 127.2, 329.1, 1.8);

(383093.3, 3777376.6, 129.6, 329.1, 1.8); (

383092.3, 3777400.2, 130.4, 329.1, 1.8);

(383091.3, 3777423.9, 130.7, 329.1, 1.8); (

383112.3, 3777449.6, 131.5, 329.1, 1.8);

(383135.5, 3777453.4, 131.5, 329.1, 1.8); (

383158.7, 3777457.2, 132.1, 329.1, 1.8);

(383182.0, 3777461.0, 132.6, 329.1, 1.8); (

383205.2, 3777464.8, 132.4, 329.1, 1.8);

(383228.4, 3777468.6, 132.9, 329.1, 1.8); (

383251.6, 3777472.4, 133.4, 329.1, 1.8);

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 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(383274.9, 3777476.2, 133.6, 329.1, 1.8);	(
383298.1, 3777480.0, 134.0, 329.1, 1.8);	(
(383322.4, 3777465.9, 134.1, 329.1, 1.8);	(
383328.2, 3777438.9, 134.1, 329.1, 1.8);	(
(383356.8, 3777436.0, 134.4, 329.1, 1.8);	(
383319.0, 3777496.1, 134.6, 329.1, 1.8);	(
(383309.6, 3777518.8, 134.4, 329.1, 1.8);	(
383300.1, 3777541.5, 134.6, 329.1, 1.8);	(
(383290.7, 3777564.2, 134.5, 329.1, 1.8);	(
383281.2, 3777586.9, 134.7, 329.1, 1.8);	(
(383271.8, 3777609.6, 135.0, 329.1, 1.8);	(
383262.4, 3777632.4, 135.5, 329.1, 1.8);	(
(383252.9, 3777655.1, 135.3, 329.1, 1.8);	(
383243.5, 3777677.8, 134.7, 329.1, 1.8);	(
(383234.1, 3777700.5, 135.9, 329.1, 1.8);	(
383224.6, 3777723.2, 135.9, 329.1, 1.8);	(
(383215.2, 3777745.9, 135.7, 329.1, 1.8);	(
383205.8, 3777768.7, 135.2, 329.1, 1.8);	(
(383196.3, 3777791.4, 135.3, 329.1, 1.8);	(
383186.9, 3777814.1, 135.5, 329.1, 1.8);	(
(383177.5, 3777836.8, 136.2, 329.1, 1.8);	(
383168.0, 3777859.5, 136.5, 329.1, 1.8);	(
(383158.6, 3777882.2, 136.2, 329.1, 1.8);	(
383149.1, 3777905.0, 136.9, 329.1, 1.8);	(
(383139.7, 3777927.7, 136.9, 329.1, 1.8);	(
383130.3, 3777950.4, 136.9, 329.1, 1.8);	(
(383120.8, 3777973.1, 136.7, 329.1, 1.8);	(
383111.4, 3777995.8, 137.0, 329.1, 1.8);	(
(383102.0, 3778018.6, 137.3, 328.9, 1.8);	(
383092.5, 3778041.3, 137.7, 328.9, 1.8);	(
(383083.1, 3778064.0, 137.8, 328.9, 1.8);	(
383061.8, 3778049.4, 137.6, 328.9, 1.8);	(
(383017.9, 3778050.3, 137.1, 329.1, 1.8);	(
382973.9, 3778051.1, 136.5, 329.1, 1.8);	(
(382930.0, 3778052.0, 136.1, 329.1, 1.8);	(
382906.1, 3778066.0, 136.1, 329.1, 1.8);	(
(382898.7, 3778097.2, 136.3, 329.1, 1.8);	(
382883.0, 3778131.1, 136.7, 329.1, 1.8);	(
(382874.2, 3778152.7, 136.7, 329.1, 1.8);	(
382865.4, 3778174.3, 136.9, 329.1, 1.8);	(

(382856.7, 3778195.9, 137.0, 329.1, 1.8); (

382876.8, 3778230.2, 137.7, 328.9, 1.8);

(382921.4, 3778235.6, 138.2, 328.9, 1.8); (

382966.0, 3778241.0, 139.1, 328.9, 1.8);

(383001.5, 3778241.7, 139.7, 326.2, 1.8); (

383042.0, 3778223.7, 139.7, 326.2, 1.8);

(383024.4, 3778240.7, 139.8, 326.2, 1.8); (

383015.4, 3778263.0, 139.8, 326.2, 1.8);

(383006.4, 3778285.3, 140.0, 304.6, 1.8); (

382997.4, 3778307.7, 138.9, 304.6, 1.8);

(382988.4, 3778330.0, 137.7, 304.6, 1.8); (

382979.4, 3778352.3, 137.7, 304.6, 1.8);

(382970.4, 3778374.7, 138.1, 304.6, 1.8); (

382961.4, 3778397.0, 138.9, 304.6, 1.8);

(382952.4, 3778419.3, 139.5, 304.6, 1.8); (

382943.3, 3778441.7, 140.0, 304.6, 1.8);

(382934.3, 3778464.0, 140.0, 304.6, 1.8); (

382925.3, 3778486.3, 140.2, 304.6, 1.8);

(382916.3, 3778508.7, 140.3, 304.6, 1.8); (

382907.3, 3778531.0, 140.3, 304.6, 1.8);

(382898.3, 3778553.3, 140.4, 304.6, 1.8); (

382889.3, 3778575.7, 140.1, 304.6, 1.8);

(382880.3, 3778598.0, 140.2, 304.6, 1.8); (

382855.8, 3778589.4, 139.6, 304.6, 1.8);

(382811.8, 3778596.2, 138.8, 304.6, 1.8); (

382793.6, 3778612.7, 137.0, 304.6, 1.8);

(382790.6, 3778636.1, 135.9, 304.6, 1.8); (

382816.9, 3778676.3, 140.3, 140.3, 1.8);

(382859.7, 3778674.0, 141.1, 141.1, 1.8); (

382828.0, 3778706.2, 141.2, 141.2, 1.8);

(382818.5, 3778728.8, 141.6, 141.6, 1.8); (

382808.9, 3778751.5, 141.6, 141.6, 1.8);

(382799.3, 3778774.2, 141.6, 141.6, 1.8); (

382789.7, 3778796.8, 141.8, 141.8, 1.8);

(382780.1, 3778819.5, 142.2, 142.2, 1.8); (

382770.5, 3778842.2, 142.5, 142.5, 1.8);

(382761.0, 3778864.8, 142.5, 142.5, 1.8); (

382751.4, 3778887.5, 142.6, 142.6, 1.8);

(382741.8, 3778910.2, 141.9, 141.9, 1.8); (

382732.2, 3778932.8, 141.7, 141.7, 1.8);

(382722.6, 3778955.5, 139.4, 143.1, 1.8); (

382713.1, 3778978.2, 142.3, 142.7, 1.8);

(382703.5, 3779000.8, 142.9, 142.9, 1.8); (

382693.9, 3779023.5, 142.3, 142.3, 1.8);

(382684.3, 3779046.2, 142.1, 142.1, 1.8); (

382674.7, 3779068.8, 142.2, 142.2, 1.8);

(382665.1, 3779091.5, 142.1, 142.1, 1.8); (

382655.6, 3779114.2, 141.8, 141.8, 1.8);

(382646.0, 3779136.8, 141.0, 141.0, 1.8); (

382636.4, 3779159.5, 140.7, 140.7, 1.8);

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(382626.8, 3779182.2, 141.0, 141.0, 1.8);	(
382617.2, 3779204.8, 140.5, 140.5, 1.8);	(
(382607.6, 3779227.5, 140.7, 140.7, 1.8);	(
382598.1, 3779250.2, 140.2, 140.2, 1.8);	(
(382588.5, 3779272.8, 139.9, 139.9, 1.8);	(
382578.9, 3779295.5, 140.1, 140.1, 1.8);	(
(382569.3, 3779318.2, 139.8, 139.8, 1.8);	(
382559.7, 3779340.8, 139.5, 139.5, 1.8);	(
(382550.2, 3779363.5, 140.2, 140.2, 1.8);	(
382540.6, 3779386.2, 140.1, 140.1, 1.8);	(
(382531.0, 3779408.8, 139.6, 139.6, 1.8);	(
382521.4, 3779431.5, 140.6, 140.6, 1.8);	(
(382511.8, 3779454.2, 140.7, 140.7, 1.8);	(
382502.2, 3779476.8, 140.4, 140.4, 1.8);	(
(382492.7, 3779499.5, 140.5, 140.5, 1.8);	(
382483.1, 3779522.2, 140.4, 140.4, 1.8);	(
(382473.5, 3779544.8, 140.8, 140.8, 1.8);	(
382463.9, 3779567.5, 141.8, 141.8, 1.8);	(
(382454.3, 3779590.1, 141.9, 141.9, 1.8);	(
382444.8, 3779612.8, 141.8, 141.8, 1.8);	(
(382435.2, 3779635.5, 140.9, 140.9, 1.8);	(
382425.6, 3779658.1, 140.8, 140.8, 1.8);	(
(382416.0, 3779680.8, 141.2, 141.2, 1.8);	(
382406.4, 3779703.5, 141.2, 141.2, 1.8);	(
(382396.8, 3779726.1, 141.1, 141.1, 1.8);	(
382387.3, 3779748.8, 141.1, 141.1, 1.8);	(
(382377.7, 3779771.5, 140.7, 140.7, 1.8);	(
382368.1, 3779794.1, 140.2, 140.2, 1.8);	(
(382358.5, 3779816.8, 139.4, 139.4, 1.8);	(
382348.9, 3779839.5, 139.3, 139.3, 1.8);	(
(382339.3, 3779862.1, 139.2, 139.2, 1.8);	(
382329.8, 3779884.8, 138.9, 138.9, 1.8);	(
(382344.9, 3779918.3, 140.5, 153.1, 1.8);	(
382385.4, 3779931.8, 141.7, 153.4, 1.8);	(
(382426.0, 3779945.3, 142.3, 153.6, 1.8);	(
382457.0, 3779931.0, 148.5, 153.2, 1.8);	(
(382466.3, 3779908.2, 144.3, 153.5, 1.8);	(
382475.6, 3779885.4, 142.8, 153.6, 1.8);	(
(382484.9, 3779862.6, 143.3, 153.3, 1.8);	(
382494.2, 3779839.8, 143.2, 143.2, 1.8);	(

(382503.5, 3779817.0, 143.2, 143.2, 1.8); (

382512.8, 3779794.2, 143.3, 143.3, 1.8);

(382522.1, 3779771.4, 143.0, 143.0, 1.8); (

382531.3, 3779748.6, 143.5, 143.5, 1.8);

(382540.6, 3779725.8, 143.9, 143.9, 1.8); (

382549.9, 3779703.0, 144.1, 144.1, 1.8);

(382559.2, 3779680.2, 143.5, 143.5, 1.8); (

382568.5, 3779657.3, 143.7, 143.7, 1.8);

(382577.8, 3779634.5, 143.8, 143.8, 1.8); (

382587.1, 3779611.7, 143.7, 143.7, 1.8);

(382596.4, 3779588.9, 143.9, 143.9, 1.8); (

382605.7, 3779566.1, 144.1, 144.1, 1.8);

(382615.0, 3779543.3, 144.1, 144.1, 1.8); (

382624.3, 3779520.5, 143.7, 143.7, 1.8);

(382633.5, 3779497.7, 144.0, 144.0, 1.8); (

382642.8, 3779474.9, 144.1, 144.1, 1.8);

(382652.1, 3779452.1, 143.9, 143.9, 1.8); (

382661.4, 3779429.3, 143.8, 143.8, 1.8);

(382670.7, 3779406.5, 143.6, 143.6, 1.8); (

382680.0, 3779383.7, 143.5, 143.5, 1.8);

(382689.3, 3779360.9, 143.5, 143.5, 1.8); (

382698.6, 3779338.1, 143.5, 143.5, 1.8);

(382707.9, 3779315.3, 143.4, 143.4, 1.8); (

382717.2, 3779292.5, 143.2, 143.2, 1.8);

(382726.5, 3779269.7, 143.4, 143.4, 1.8); (

382735.7, 3779246.9, 143.4, 143.4, 1.8);

(382745.0, 3779224.1, 143.5, 143.5, 1.8); (

382754.3, 3779201.3, 143.6, 143.6, 1.8);

(382763.6, 3779178.5, 144.0, 144.0, 1.8); (

382772.9, 3779155.7, 143.6, 143.6, 1.8);

(382782.2, 3779132.8, 143.7, 143.7, 1.8); (

382791.5, 3779110.0, 143.9, 143.9, 1.8);

(382800.8, 3779087.2, 143.8, 143.8, 1.8); (

382810.1, 3779064.4, 143.8, 143.8, 1.8);

(382819.4, 3779041.6, 144.1, 144.1, 1.8); (

382828.6, 3779018.8, 144.1, 144.1, 1.8);

(382837.9, 3778996.0, 144.2, 144.2, 1.8); (

382847.2, 3778973.2, 144.2, 144.2, 1.8);

(382856.5, 3778950.4, 144.2, 144.2, 1.8); (

382865.8, 3778927.6, 144.2, 144.2, 1.8);

(382875.1, 3778904.8, 144.0, 144.0, 1.8); (

382884.4, 3778882.0, 143.9, 143.9, 1.8);

(382893.7, 3778859.2, 143.9, 143.9, 1.8); (

382903.0, 3778836.4, 143.6, 143.6, 1.8);

(382912.3, 3778813.6, 143.3, 143.3, 1.8); (

382921.6, 3778790.8, 143.2, 143.2, 1.8);

(382930.8, 3778768.0, 143.0, 143.0, 1.8); (

382940.1, 3778745.2, 142.7, 142.7, 1.8);

(382949.4, 3778722.4, 142.6, 142.6, 1.8); (

382958.7, 3778699.6, 142.6, 142.6, 1.8);

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(382977.3, 3778654.0,	142.1,	142.1,	1.8);	(
382352.8, 3779894.5,	140.2,	153.1,	1.8);	(
(382879.8, 3778647.9,	140.7,	141.3,	1.8);	(
382815.6, 3778651.3,	138.4,	304.6,	1.8);	(
(382815.6, 3778620.9,	135.1,	304.6,	1.8);	(
382903.5, 3778607.4,	138.0,	304.6,	1.8);	(
(383065.6, 3778205.3,	139.5,	326.2,	1.8);	(
383052.1, 3778191.8,	138.8,	328.8,	1.8);	(
(382991.3, 3778218.8,	139.0,	328.9,	1.8);	(
382879.8, 3778205.3,	137.5,	329.1,	1.8);	(
(382923.7, 3778097.2,	136.2,	329.1,	1.8);	(
382923.7, 3778083.7,	136.0,	329.1,	1.8);	(
(382930.5, 3778077.0,	136.2,	329.1,	1.8);	(
383106.2, 3778073.6,	137.8,	328.9,	1.8);	(
(383379.8, 3777414.8,	135.0,	329.1,	1.8);	(
383305.5, 3777401.3,	134.4,	329.1,	1.8);	(
(383302.1, 3777455.3,	133.7,	329.1,	1.8);	(
383116.3, 3777424.9,	131.1,	329.1,	1.8);	(
(383123.1, 3777259.4,	126.0,	329.1,	1.8);	(
383183.9, 3777174.9,	127.6,	329.1,	1.8);	(
(383437.3, 3777286.4,	134.8,	329.1,	1.8);	(
383565.6, 3776985.7,	134.3,	329.1,	1.8);	(
(383504.8, 3776951.9,	133.6,	329.1,	1.8);	(
383454.1, 3776992.5,	133.4,	329.1,	1.8);	(
(383417.0, 3776968.8,	132.9,	329.1,	1.8);	(
383474.4, 3776894.5,	132.9,	329.1,	1.8);	(
(383457.5, 3776867.5,	130.4,	329.1,	1.8);	(
383487.9, 3776833.7,	130.2,	329.1,	1.8);	(
(383498.1, 3776806.7,	129.8,	329.1,	1.8);	(
383542.0, 3776826.9,	132.5,	329.1,	1.8);	(
(383531.9, 3776837.1,	132.1,	329.1,	1.8);	(
383552.1, 3776857.3,	132.6,	329.1,	1.8);	(
(383562.3, 3776850.6,	132.6,	329.1,	1.8);	(
383582.5, 3776850.6,	132.3,	329.1,	1.8);	(
(383572.4, 3776908.0,	132.1,	329.1,	1.8);	(
383751.5, 3777016.1,	134.6,	326.2,	1.8);	(
(383741.3, 3777036.4,	135.4,	326.2,	1.8);	(
383653.5, 3776992.5,	134.9,	328.9,	1.8);	(
(383518.3, 3777296.5,	135.9,	329.1,	1.8);	(
383552.1, 3777303.3,	135.6,	328.9,	1.8);	(

(383474.4, 3777458.7, 136.4, 328.9, 1.8); (

383450.8, 3777448.6, 136.2, 329.1, 1.8);

(383413.6, 3777546.5, 137.2, 329.1, 1.8); (

383444.0, 3777560.1, 137.2, 328.9, 1.8);

(383390.0, 3777688.4, 137.2, 328.9, 1.8); (

383346.0, 3777688.4, 137.1, 328.9, 1.8);

(383227.8, 3777989.1, 138.6, 328.9, 1.8); (

383390.0, 3777995.9, 140.0, 304.6, 1.8);

(383390.0, 3778093.8, 141.5, 304.6, 1.8); (

383197.4, 3778100.6, 139.8, 304.6, 1.8);

(382974.4, 3778607.4, 140.7, 141.8, 1.8); (

383109.6, 3778597.2, 142.9, 142.9, 1.8);

(383207.5, 3778685.1, 145.2, 145.2, 1.8); (

383156.8, 3778685.1, 144.5, 144.5, 1.8);

(383106.2, 3778637.8, 143.7, 143.7, 1.8); (

382954.1, 3778644.5, 142.1, 142.1, 1.8);

(382433.9, 3779921.6, 142.4, 153.6, 1.8);

8.23, 10.80, 1.54, 3.09, 5.14,

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF

METEOROLOGICAL DATA ***

Surface file: KBUR_v9.SFC
 Met Version: 16216
 Profile file: KBUR_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 23152

Upper air station no.:

3190

Name: UNKNOWN

Name:

UNKNOWN

Year: 2012

Year:

2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0
BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT					
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
12	01	01	1	01	-23.4	0.241	-9.000	-9.000	-999.	285.	64.1	0.16	
3.02	1.00			2.45	359.	7.9	286.4	2.0					
12	01	01	1	02	-11.3	0.143	-9.000	-9.000	-999.	134.	23.1	0.16	
3.02	1.00			1.50	289.	7.9	284.9	2.0					
12	01	01	1	03	-4.8	0.092	-9.000	-9.000	-999.	68.	14.5	0.16	
3.02	1.00			0.99	300.	7.9	283.8	2.0					
12	01	01	1	04	-8.1	0.121	-9.000	-9.000	-999.	100.	19.1	0.16	
3.02	1.00			1.28	295.	7.9	284.2	2.0					
12	01	01	1	05	-2.9	0.074	-9.000	-9.000	-999.	49.	12.3	0.16	
3.02	1.00			0.75	323.	7.9	282.5	2.0					
12	01	01	1	06	-11.3	0.143	-9.000	-9.000	-999.	130.	23.0	0.16	
3.02	1.00			1.50	306.	7.9	283.1	2.0					
12	01	01	1	07	-16.9	0.176	-9.000	-9.000	-999.	178.	34.3	0.16	
3.02	1.00			1.82	315.	7.9	284.9	2.0					
12	01	01	1	08	-8.8	0.134	-9.000	-9.000	-999.	118.	24.3	0.16	
3.02	0.55			1.40	323.	7.9	287.0	2.0					
12	01	01	1	09	36.3	0.171	0.339	0.008	38.	169.	-12.2	0.16	
3.02	0.32			1.31	23.	7.9	288.8	2.0					
12	01	01	1	10	110.9	0.119	0.729	0.009	124.	99.	-1.4	0.16	
3.02	0.24			0.62	163.	7.9	292.0	2.0					
12	01	01	1	11	165.2	0.157	1.185	0.005	358.	149.	-2.1	0.16	
3.02	0.21			0.89	112.	7.9	296.4	2.0					
12	01	01	1	12	192.9	0.184	1.540	0.005	672.	189.	-2.8	0.16	
3.02	0.20			1.11	225.	7.9	299.2	2.0					
12	01	01	1	13	192.1	0.199	1.840	0.005	1152.	213.	-3.6	0.16	
3.02	0.20			1.26	250.	7.9	299.9	2.0					

12	01	01	1	14	164.6	0.270	1.886	0.005	1447.	337.	-10.6	0.16
3.02		0.21			2.03	273.	7.9	300.4	2.0			
12	01	01	1	15	111.1	0.289	1.699	0.005	1566.	373.	-19.3	0.16
3.02		0.25			2.35	270.	7.9	300.4	2.0			
12	01	01	1	16	35.3	0.338	1.167	0.005	1596.	472.	-96.9	0.16
3.02		0.33			3.12	289.	7.9	298.8	2.0			
12	01	01	1	17	-20.8	0.255	-9.000	-9.000	-999.	312.	71.4	0.16
3.02		0.60			2.57	318.	7.9	296.4	2.0			
12	01	01	1	18	-35.0	0.369	-9.000	-9.000	-999.	538.	149.9	0.16
3.02		1.00			3.68	320.	7.9	293.8	2.0			
12	01	01	1	19	-27.7	0.291	-9.000	-9.000	-999.	380.	93.2	0.16
3.02		1.00			2.93	345.	7.9	292.0	2.0			
12	01	01	1	20	-20.7	0.216	-9.000	-9.000	-999.	243.	51.2	0.16
3.02		1.00			2.20	325.	7.9	290.4	2.0			
12	01	01	1	21	-8.5	0.124	-9.000	-9.000	-999.	108.	19.8	0.16
3.02		1.00			1.31	359.	7.9	288.1	2.0			
12	01	01	1	22	-7.4	0.116	-9.000	-9.000	-999.	94.	18.4	0.16
3.02		1.00			1.23	304.	7.9	287.5	2.0			
12	01	01	1	23	-6.3	0.106	-9.000	-9.000	-999.	82.	16.7	0.16
3.02		1.00			1.13	314.	7.9	285.9	2.0			
12	01	01	1	24	-19.7	0.203	-9.000	-9.000	-999.	220.	45.5	0.16
3.02		1.00			2.08	319.	7.9	287.0	2.0			

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	359.	2.45	286.5	99.0	-99.00	-99.00

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
382955.26	3778669.51	511.27631 (12062806)	
382998.70	3778667.58	340.08441 (12062806)	
383042.13	3778665.65	249.18304 (12062806)	
383085.57	3778663.72	198.91532 (12062806)	
383122.90	3778687.58	167.84135 (14120808)	
383139.79	3778703.35	182.02933 (16033007)	
383173.74	3778710.07	183.46988 (14072406)	
383207.53	3778710.07	141.40373 (12030506)	
383227.55	3778680.23	138.61598 (12030506)	
383207.89	3778651.82	179.28316 (14072406)	
383175.23	3778622.54	180.70184 (16061706)	
383142.58	3778593.26	166.09053 (12062806)	
383107.69	3778572.30	215.31091 (12062806)	
383085.17	3778573.99	243.92033 (12062806)	
383062.64	3778575.68	282.39362 (12062806)	
383040.12	3778577.37	331.10573 (12062806)	
383017.60	3778579.06	395.06132 (12062806)	
382995.07	3778580.75	512.44410 (12062806)	
383026.39	3778551.34	407.41921 (12062806)	
383036.08	3778529.31	406.28210 (12062806)	
383045.77	3778507.27	405.04002 (12062806)	
383055.47	3778485.24	406.62656 (12062806)	
383065.16	3778463.21	403.90755 (12062806)	
383074.86	3778441.17	401.46424 (12062806)	
383084.55	3778419.14	399.26681 (12062806)	
383094.25	3778397.11	397.01082 (12062806)	
383103.94	3778375.07	394.99675 (12062806)	
383113.64	3778353.04	392.89713 (12062806)	
383123.33	3778331.01	390.87705 (12062806)	
383133.02	3778308.98	389.36113 (12062806)	
383142.72	3778286.94	387.38131 (12062806)	
383152.41	3778264.91	386.08702 (12062806)	

	383162.11	3778242.88	385.71043	(12062806)
383171.80	3778220.84	384.78823	(12062806)	
	383181.50	3778198.81	375.73202	(12062806)
383191.19	3778176.78	370.77894	(12062806)	
	383200.88	3778154.74	367.22378	(12062806)
383210.58	3778132.71	362.48848	(12062806)	
	383220.27	3778110.68	358.28462	(12062806)
383246.41	3778123.90	272.98031	(12062806)	
	383270.48	3778123.06	250.22842	(13101107)
383294.55	3778122.21	245.36697	(13101806)	
	383318.62	3778121.37	247.00637	(12091806)
383342.69	3778120.52	237.91409	(13032007)	
	383366.77	3778119.68	193.93716	(13032007)
383390.84	3778118.83	206.43544	(16022907)	
	383414.96	3778093.85	203.08322	(16022907)
383414.96	3778069.36	209.98018	(16030106)	
	383414.96	3778044.87	215.44850	(16030206)
383414.96	3778020.37	235.08558	(14031106)	
	383414.96	3777995.88	229.29260	(12030506)
383391.00	3777970.90	222.83903	(16040406)	
	383367.84	3777969.94	220.20384	(12072006)
383344.67	3777968.97	215.69174	(12100307)	
	383321.50	3777968.00	240.99750	(12052806)
383298.34	3777967.04	286.58643	(12062806)	
	383275.17	3777966.07	366.23886	(12062806)
383252.01	3777965.11	499.81646	(12062806)	
	383278.35	3777928.88	420.12126	(12062806)
383287.45	3777905.75	421.00645	(12062806)	
	383296.55	3777882.62	422.85973	(12062806)
383305.64	3777859.49	424.57125	(12062806)	
	383314.74	3777836.37	427.50787	(12062806)
383323.83	3777813.24	429.37504	(12062806)	
	383332.93	3777790.11	433.77489	(12062806)
383342.03	3777766.98	437.40786	(12062806)	
	383351.12	3777743.85	418.19666	(12062806)
383360.22	3777720.72	422.37197	(12100307)	
	383369.32	3777697.59	425.11294	(12062806)
383389.96	3777713.44	326.73460	(12021008)	
	383413.00	3777698.14	329.13415	(13101107)
383422.01	3777676.75	295.07465	(14072406)	
	383431.02	3777655.35	299.51635	(15093006)
383440.03	3777633.95	297.80550	(16031707)	
	383449.04	3777612.56	294.43109	(16031707)
383458.05	3777591.16	293.83540	(16031707)	
	383467.06	3777569.76	294.94312	(16031707)
383460.72	3777544.03	357.64096	(12021008)	
	383438.96	3777530.46	471.32598	(12021008)
383436.98	3777555.42	424.70841	(12021008)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
383459.29	3777496.63	427.58367	(16031707)	
383496.78	3777469.89	327.94931	(16031707)	
383507.88	3777447.69	326.15426	(16031707)	
383518.98	3777425.49	323.22596	(16031707)	
383530.08	3777403.29	322.11631	(16031707)	
383541.19	3777381.09	292.51409	(12100307)	
383552.29	3777358.88	292.78310	(12100307)	
383563.39	3777336.68	294.80884	(12100307)	
383574.49	3777314.48	290.33752	(16031707)	
383565.81	3777285.55	358.16136	(14021308)	
383540.14	3777275.41	494.24571	(16031707)	
383560.49	3777263.26	412.06192	(14072406)	
383570.14	3777241.54	420.97219	(15093006)	
383579.80	3777219.82	413.33724	(15093006)	
383589.45	3777198.10	422.74563	(16031707)	
383599.10	3777176.39	423.70365	(16031707)	
383608.76	3777154.67	425.29160	(16031707)	
383618.41	3777132.95	427.80920	(16031707)	
383628.06	3777111.23	415.62518	(16031707)	
383637.71	3777089.52	424.52179	(16031707)	
383647.37	3777067.80	430.29988	(16031707)	
383657.02	3777046.08	434.62490	(16031707)	
383666.67	3777024.36	438.18472	(16031707)	
383686.22	3777036.81	335.77552	(16031707)	
383708.18	3777047.79	274.91144	(16031707)	
383730.14	3777058.77	243.37794	(13103107)	
383763.68	3777047.59	211.73630	(13103107)	
383773.81	3777027.32	212.53108	(13103107)	
383764.37	3776994.74	243.48076	(16031707)	
383744.48	3776982.73	274.61675	(13103107)	
383724.58	3776970.71	330.17483	(13101706)	
383704.69	3776958.70	395.63266	(12121008)	

	383684.79	3776946.69	482.60712	(16031707)
383664.90	3776934.68	557.65733	(14100307)	
	383645.01	3776922.67	591.10911	(14040307)
383625.11	3776910.65	617.39422	(12100107)	
	383605.22	3776898.64	556.52104	(12100107)
383585.32	3776886.63	460.10367	(12100107)	
	383607.15	3776854.93	445.24439	(12100107)
383592.11	3776830.06	376.06390	(12100107)	
	383562.26	3776825.59	312.11293	(12100107)
383538.25	3776836.56	277.08817	(12100107)	
	383552.47	3776804.25	277.50908	(12100107)
383530.51	3776794.11	238.94468	(12100107)	
	383508.55	3776783.97	207.99967	(12100107)
383481.61	3776790.72	185.19103	(14053006)	
	383469.59	3776811.41	183.25675	(14053006)
383454.15	3776833.87	179.48723	(14053006)	
	383438.95	3776850.77	174.92570	(14053006)
383436.33	3776880.74	180.52911	(14053006)	
	383453.22	3776907.76	199.73123	(12100107)
383425.92	3776916.39	182.86857	(14053006)	
	383411.56	3776934.97	178.72004	(14053006)
383397.21	3776953.55	175.11334	(14053006)	
	383403.57	3776989.93	187.14362	(14053006)
383440.73	3777013.58	233.72497	(12100107)	
	383469.77	3777012.01	280.26646	(12100107)
383503.55	3776984.99	333.08149	(12100107)	
	383533.23	3776996.32	449.99100	(12100107)
383553.50	3777007.58	619.96422	(12100107)	
	383524.31	3777018.87	455.03879	(12100107)
383515.14	3777040.34	457.47759	(12100107)	
	383505.97	3777061.82	452.34343	(12100107)
383496.80	3777083.30	452.73827	(12100107)	
	383487.63	3777104.78	451.80834	(12100107)
383478.46	3777126.25	451.60666	(12100107)	
	383469.29	3777147.73	451.54824	(12100107)
383460.12	3777169.21	451.42712	(12100107)	
	383450.95	3777190.68	451.33035	(12100107)
383441.78	3777212.16	450.48453	(12100107)	
	383432.61	3777233.64	448.88123	(12100107)
383423.44	3777255.12	447.10868	(12100107)	
	383383.98	3777235.65	288.50571	(12100107)
383362.87	3777226.36	250.07105	(14053006)	
	383341.75	3777217.07	221.65029	(14053006)
383320.64	3777207.78	195.82471	(14053006)	
	383299.52	3777198.49	172.14609	(14053006)
383278.41	3777189.20	151.43006	(14053006)	
	383257.29	3777179.91	138.69530	(12013006)
383236.18	3777170.62	129.68266	(15061806)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
383215.06	3777161.33	122.68756	(15061806)	
383193.95	3777152.04	114.78782	(15061806)	
383163.59	3777160.31	107.93870	(15061806)	
383139.27	3777194.10	104.37403	(15061806)	
383114.94	3777227.88	102.31524	(13062606)	
383098.09	3777258.36	101.77980	(13062606)	
383097.13	3777282.01	103.28185	(13062606)	
383096.16	3777305.66	104.80839	(13062606)	
383095.19	3777329.31	106.25855	(13062606)	
383094.23	3777352.95	107.54261	(13062606)	
383093.26	3777376.60	108.81085	(13062606)	
383092.30	3777400.25	109.34717	(13062606)	
383091.33	3777423.90	109.39441	(13062606)	
383112.27	3777449.59	115.75860	(13062606)	
383135.50	3777453.39	123.68057	(13062606)	
383158.73	3777457.19	133.13662	(16042006)	
383181.95	3777461.00	145.83993	(16042006)	
383205.18	3777464.80	162.17707	(12050806)	
383228.41	3777468.60	182.64154	(12050806)	
383251.64	3777472.40	207.91449	(12050806)	
383274.86	3777476.20	241.45529	(12100107)	
383298.09	3777480.00	295.61577	(12100107)	
383322.40	3777465.88	359.54649	(12100107)	
383328.20	3777438.87	343.22094	(12100107)	
383356.78	3777436.01	480.68246	(12100107)	
383319.00	3777496.07	395.03004	(12100107)	
383309.56	3777518.78	390.74351	(12100107)	
383300.13	3777541.50	386.87595	(12100107)	
383290.69	3777564.22	383.72535	(12100107)	
383281.25	3777586.94	380.93877	(12100107)	
383271.82	3777609.65	374.61538	(12100107)	
383262.38	3777632.37	371.96095	(12051606)	

	383252.94	3777655.09	369.73383	(12051606)
383243.51	3777677.80	366.78455	(12051606)	
	383234.07	3777700.52	367.04916	(12051606)
383224.64	3777723.24	369.41706	(12051606)	
	383215.20	3777745.95	367.50279	(12051606)
383205.76	3777768.67	364.62716	(12051606)	
	383196.33	3777791.39	361.13990	(12051606)
383186.89	3777814.10	357.45147	(12051606)	
	383177.45	3777836.82	353.26344	(12051606)
383168.02	3777859.54	349.63747	(12051606)	
	383158.58	3777882.25	345.88475	(12051606)
383149.15	3777904.97	342.37491	(12051606)	
	383139.71	3777927.69	338.67045	(12051606)
383130.27	3777950.41	345.34342	(12051606)	
	383120.84	3777973.12	343.29178	(12051606)
383111.40	3777995.84	341.15078	(12051606)	
	383101.96	3778018.56	339.09244	(12051606)
383092.53	3778041.27	348.40987	(12051606)	
	383083.09	3778063.99	346.25539	(12051606)
383061.78	3778049.43	276.36412	(12051606)	
	383017.86	3778050.27	228.80930	(12091106)
382973.94	3778051.12	177.12111	(12091106)	
	382930.02	3778051.96	151.52273	(12051606)
382906.06	3778066.04	144.91195	(14053006)	
	382898.74	3778097.23	149.93776	(14053006)
382883.01	3778131.06	154.17256	(14053006)	
	382874.23	3778152.69	157.13555	(14053006)
382865.44	3778174.31	160.04787	(14053006)	
	382856.66	3778195.93	162.72127	(14053006)
382876.81	3778230.16	198.47191	(14053006)	
	382921.41	3778235.56	211.57305	(12051606)
382966.00	3778240.97	270.80454	(12051606)	
	383001.46	3778241.69	325.62551	(12051606)
383042.00	3778223.67	421.19440	(12051606)	
	383024.44	3778240.66	378.00673	(12051606)
383015.43	3778262.99	371.27300	(12051606)	
	383006.42	3778285.33	365.16435	(12051606)
382997.41	3778307.66	362.71619	(12051606)	
	382988.40	3778330.00	358.31321	(12051606)
382979.39	3778352.33	355.42745	(12100107)	
	382970.38	3778374.67	356.36444	(12100107)
382961.37	3778397.00	361.94713	(12100107)	
	382952.36	3778419.34	369.51567	(12100107)
382943.35	3778441.67	375.44115	(12100107)	
	382934.34	3778464.01	380.43334	(12100107)
382925.33	3778486.34	387.28015	(12100107)	
	382916.32	3778508.68	395.96895	(12100107)
382907.31	3778531.01	399.75715	(12100107)	

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 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF CO	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
382898.30	3778553.35	403.66516	(12100107)	
382889.29	3778575.68	406.54646	(12100107)	
382880.29	3778598.02	410.53908	(12100107)	
382855.75	3778589.42	313.58267	(12100107)	
382811.83	3778596.17	216.76513	(12100107)	
382793.64	3778612.74	202.52494	(12051606)	
382790.63	3778636.08	208.23255	(12051606)	
382816.94	3778676.26	308.94684	(12100107)	
382859.74	3778674.00	479.66555	(12100107)	
382828.05	3778706.17	399.30924	(12100107)	
382818.46	3778728.84	400.66071	(12100107)	
382808.88	3778751.51	401.05756	(12100107)	
382799.30	3778774.17	401.34820	(12100107)	
382789.72	3778796.84	401.91529	(12100107)	
382780.13	3778819.50	402.28966	(12100107)	
382770.55	3778842.17	402.34302	(12100107)	
382760.97	3778864.84	402.39415	(12100107)	
382751.39	3778887.50	401.98598	(12100107)	
382741.80	3778910.17	400.76506	(12100107)	
382732.22	3778932.84	399.70184	(12100107)	
382722.64	3778955.50	394.13549	(12100107)	
382713.06	3778978.17	397.72599	(12100107)	
382703.48	3779000.83	396.41032	(12100107)	
382693.89	3779023.50	394.52985	(12100107)	
382684.31	3779046.17	392.47685	(12100107)	
382674.73	3779068.83	390.23638	(12100107)	
382665.15	3779091.50	387.61881	(12100107)	
382655.56	3779114.17	384.62831	(12100107)	
382645.98	3779136.83	381.43138	(12100107)	
382636.40	3779159.50	378.09629	(12100107)	
382626.82	3779182.16	374.46047	(12100107)	
382617.23	3779204.83	394.09781	(14053006)	

	382607.65	3779227.50	394.74677	(14053006)
382598.07	3779250.16	398.76696	(14053006)	
	382588.49	3779272.83	402.02054	(14053006)
382578.90	3779295.49	401.84425	(14053006)	
	382569.32	3779318.16	404.15144	(14053006)
382559.74	3779340.83	406.67509	(14053006)	
	382550.16	3779363.49	403.49611	(14053006)
382540.58	3779386.16	405.80304	(14053006)	
	382530.99	3779408.83	408.66775	(14053006)
382521.41	3779431.49	393.44578	(12051606)	
	382511.83	3779454.16	397.51229	(12051606)
382502.25	3779476.82	403.02795	(12051606)	
	382492.66	3779499.49	407.07374	(12051606)
382483.08	3779522.16	415.50591	(14053006)	
	382473.50	3779544.82	414.57016	(12051606)
382463.92	3779567.49	413.95304	(12051606)	
	382454.33	3779590.15	417.42595	(12051606)
382444.75	3779612.82	422.90039	(12051606)	
	382435.17	3779635.49	432.52601	(12051606)
382425.59	3779658.15	437.24081	(12051606)	
	382416.00	3779680.82	439.98990	(12051606)
382406.42	3779703.49	444.39558	(12051606)	
	382396.84	3779726.15	432.99068	(13062706)
382387.26	3779748.82	437.71377	(13062706)	
	382377.68	3779771.48	442.05220	(12051606)
382368.09	3779794.15	448.21140	(12051606)	
	382358.51	3779816.82	458.57904	(12051606)
382348.93	3779839.48	463.32940	(12051606)	
	382339.35	3779862.15	468.00531	(12051606)
382329.76	3779884.82	469.72754	(12051606)	
	382344.89	3779918.27	591.16782	(13042606)
382385.43	3779931.78	903.02139	(13070806)	
	382425.97	3779945.29	616.90691	(12062806)
382457.02	3779931.00	449.45806	(12062806)	
	382466.31	3779908.20	464.10591	(12062806)
382475.60	3779885.39	465.73631	(12062806)	
	382484.89	3779862.59	462.86979	(12062806)
382494.19	3779839.79	461.06545	(12062806)	
	382503.48	3779816.98	459.18760	(12062806)
382512.77	3779794.18	457.22774	(12062806)	
	382522.06	3779771.37	455.85785	(12062806)
382531.35	3779748.57	452.99594	(12062806)	
	382540.64	3779725.76	450.23719	(12062806)
382549.93	3779702.96	447.99101	(12062806)	
	382559.22	3779680.16	447.51360	(12062806)
382568.51	3779657.35	445.39981	(12062806)	
	382577.80	3779634.55	443.22013	(12062806)
382587.09	3779611.74	441.59447	(12062806)	

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 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
382596.38	3779588.94	439.42750 (12062806)	
382605.67	3779566.13	436.96949 (12062806)	
382614.96	3779543.33	435.52634 (12062806)	
382624.26	3779520.53	434.58858 (12062806)	
382633.55	3779497.72	433.14537 (12062806)	
382642.84	3779474.92	431.08887 (12062806)	
382652.13	3779452.11	429.99136 (12062806)	
382661.42	3779429.31	428.44070 (12062806)	
382670.71	3779406.50	427.34392 (12062806)	
382680.00	3779383.70	426.01192 (12062806)	
382689.29	3779360.90	424.58045 (12062806)	
382698.58	3779338.09	423.11607 (12062806)	
382707.87	3779315.29	421.95770 (12062806)	
382717.16	3779292.48	420.78443 (12062806)	
382726.45	3779269.68	418.87384 (12062806)	
382735.74	3779246.87	417.41670 (12062806)	
382745.03	3779224.07	427.89478 (12062806)	
382754.33	3779201.27	426.38445 (12062806)	
382763.62	3779178.46	424.30050 (12062806)	
382772.91	3779155.66	423.74287 (12062806)	
382782.20	3779132.85	422.74001 (12062806)	
382791.49	3779110.05	421.17238 (12062806)	
382800.78	3779087.24	420.38320 (12062806)	
382810.07	3779064.44	419.40136 (12062806)	
382819.36	3779041.64	417.92811 (12062806)	
382828.65	3779018.83	416.99529 (12062806)	
382837.94	3778996.03	416.28423 (12062806)	
382847.23	3778973.22	415.61079 (12062806)	
382856.52	3778950.42	420.78153 (12062806)	
382865.81	3778927.61	419.41147 (12062806)	
382875.10	3778904.81	418.79139 (12062806)	
382884.40	3778882.01	418.47741 (12062806)	

	382893.69	3778859.20	417.69496	(12062806)
382902.98	3778836.40	418.00990	(12062806)	
	382912.27	3778813.59	418.58203	(12062806)
382921.56	3778790.79	419.29712	(12062806)	
	382930.85	3778767.98	420.22012	(12062806)
382940.14	3778745.18	421.72055	(12062806)	
	382949.43	3778722.38	423.38551	(12062806)
382958.72	3778699.57	425.57441	(12062806)	
	382977.30	3778653.96	431.98916	(12062806)
382352.79	3779894.55	631.41592	(12051606)	
	382879.82	3778647.91	531.36524	(12100107)
382815.63	3778651.29	272.03955	(14053006)	
	382815.63	3778620.88	245.98140	(14053006)
382903.47	3778607.37	579.93302	(12100107)	
	383065.64	3778205.34	545.88203	(12100107)
383052.12	3778191.82	403.60150	(12100107)	
	382991.31	3778218.85	302.09733	(12051606)
382879.82	3778205.34	188.66715	(14053006)	
	382923.74	3778097.23	155.71093	(13062706)
382923.74	3778083.72	156.20222	(12051606)	
	382930.50	3778076.96	158.71307	(12051606)
383106.18	3778073.58	468.88815	(12051606)	
	383379.83	3777414.79	609.29643	(12100107)
383305.50	3777401.28	247.16919	(12100107)	
	383302.13	3777455.33	282.54042	(12100107)
383116.31	3777424.92	116.67490	(13062606)	
	383123.07	3777259.38	106.60407	(13062606)
383183.88	3777174.92	114.17434	(15061806)	
	383437.26	3777286.41	667.63312	(12100107)
383565.64	3776985.73	645.57953	(12100107)	
	383504.83	3776951.95	304.11935	(12100107)
383454.15	3776992.49	241.29621	(12100107)	
	383416.99	3776968.84	190.05909	(14053006)
383474.42	3776894.51	218.19360	(12100107)	
	383457.53	3776867.49	190.61019	(14053006)
383487.94	3776833.70	206.58205	(12100107)	
	383498.07	3776806.67	206.19851	(12100107)
383541.99	3776826.95	276.57764	(12100107)	
	383531.86	3776837.08	266.66975	(12100107)
383552.13	3776857.35	321.01582	(12100107)	
	383562.26	3776850.59	337.49929	(12100107)
383582.53	3776850.59	385.53749	(12100107)	
	383572.40	3776908.03	456.57531	(12100107)
383751.45	3777016.14	245.80728	(16031707)	
	383741.32	3777036.41	244.07920	(16031707)
383653.48	3776992.49	719.80845	(16031707)	
	383518.34	3777296.54	640.71780	(16031707)
383552.13	3777303.30	393.68958	(15021008)	

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 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
383474.42	3777458.71	430.52276	(16031707)	
383450.78	3777448.57	729.13023	(16031707)	
383413.61	3777546.55	617.75237	(16031707)	
383444.02	3777560.06	369.60102	(12021008)	
383389.96	3777688.44	348.12888	(16031707)	
383346.05	3777688.44	735.40701	(12062806)	
383227.80	3777989.12	651.35025	(12062806)	
383389.96	3777995.88	224.19256	(14031106)	
383389.96	3778093.85	221.84899	(16022907)	
383197.39	3778100.61	503.56207	(12062806)	
382974.42	3778607.37	587.71533	(12062806)	
383109.56	3778597.23	200.06549	(12062806)	
383207.53	3778685.07	154.64741	(12030506)	
383156.85	3778685.07	180.67981	(16033007)	
383106.18	3778637.78	187.48605	(12062806)	
382954.15	3778644.53	619.01843	(12062806)	
382433.87	3779921.57	647.19746	(12062806)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF CO	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
382955.26	3778669.51	146.83227c	(12120508)	
382998.70	3778667.58	89.95312c	(12120508)	
383042.13	3778665.65	68.33043	(15123108)	
383085.57	3778663.72	58.08635	(15123108)	
383122.90	3778687.58	50.61929	(15123108)	
383139.79	3778703.35	53.34170	(15123108)	
383173.74	3778710.07	48.95188	(13122608)	
383207.53	3778710.07	38.32371	(15123108)	
383227.55	3778680.23	37.62979	(15123108)	
383207.89	3778651.82	47.47480	(13122608)	
383175.23	3778622.54	49.22169	(15123108)	
383142.58	3778593.26	52.51671	(15123108)	
383107.69	3778572.30	58.72446	(15123108)	
383085.17	3778573.99	65.14436	(15123108)	
383062.64	3778575.68	72.69368	(15123108)	
383040.12	3778577.37	87.09163c	(12120508)	
383017.60	3778579.06	109.88656c	(12120508)	
382995.07	3778580.75	143.03884c	(12120508)	
383026.39	3778551.34	112.43050c	(12120508)	
383036.08	3778529.31	111.53239c	(12120508)	
383045.77	3778507.27	110.98192c	(12120508)	
383055.47	3778485.24	111.02216c	(12120508)	
383065.16	3778463.21	111.08377c	(12120508)	
383074.86	3778441.17	110.50059c	(12120508)	
383084.55	3778419.14	109.81641c	(12120508)	
383094.25	3778397.11	109.04660c	(12120508)	
383103.94	3778375.07	108.46428c	(12120508)	
383113.64	3778353.04	108.18197c	(12120508)	
383123.33	3778331.01	108.16134c	(12120508)	
383133.02	3778308.98	107.79241c	(12120508)	
383142.72	3778286.94	97.92601c	(12120508)	
383152.41	3778264.91	99.98528c	(12120508)	

	383162.11	3778242.88	100.53467c (12120508)
383171.80	3778220.84	100.64023c (12120508)	
	383181.50	3778198.81	101.03838c (12120508)
383191.19	3778176.78	101.57491c (12120508)	
	383200.88	3778154.74	101.43105c (12120508)
383210.58	3778132.71	103.04757c (12120508)	
	383220.27	3778110.68	104.10332c (12120508)
383246.41	3778123.90	80.06143c (12112108)	
	383270.48	3778123.06	72.67632c (12112108)
383294.55	3778122.21	66.84723c (12112108)	
	383318.62	3778121.37	61.71679c (12112108)
383342.69	3778120.52	65.99223c (12112108)	
	383366.77	3778119.68	58.16640c (12112108)
383390.84	3778118.83	52.64651c (12112108)	
	383414.96	3778093.85	52.69186c (12112108)
383414.96	3778069.36	54.24316c (12112108)	
	383414.96	3778044.87	56.57204 (13011808)
383414.96	3778020.37	56.17224 (13011808)	
	383414.96	3777995.88	55.64257c (12112108)
383391.00	3777970.90	57.53796c (12112108)	
	383367.84	3777969.94	62.28840c (15020508)
383344.67	3777968.97	66.49670c (15020508)	
	383321.50	3777968.00	76.40326c (12120508)
383298.34	3777967.04	92.75107c (12120508)	
	383275.17	3777966.07	115.89032c (12120508)
383252.01	3777965.11	156.45819c (12120508)	
	383278.35	3777928.88	135.25464c (12120508)
383287.45	3777905.75	136.97721c (12120508)	
	383296.55	3777882.62	138.25018c (12120508)
383305.64	3777859.49	139.58919c (12120508)	
	383314.74	3777836.37	140.37735c (12120508)
383323.83	3777813.24	142.94254c (12120508)	
	383332.93	3777790.11	144.43105c (12120508)
383342.03	3777766.98	152.35509c (12120508)	
	383351.12	3777743.85	154.63296c (12120508)
383360.22	3777720.72	156.60428c (12120508)	
	383369.32	3777697.59	158.50334c (12120508)
383389.96	3777713.44	118.53809c (12120508)	
	383413.00	3777698.14	107.06440c (12112108)
383422.01	3777676.75	104.17847c (12112108)	
	383431.02	3777655.35	102.72083c (12120508)
383440.03	3777633.95	107.12138c (12120508)	
	383449.04	3777612.56	107.65681c (12120508)
383458.05	3777591.16	108.43325c (12120508)	
	383467.06	3777569.76	109.93208c (12120508)
383460.72	3777544.03	126.22630c (12120508)	
	383438.96	3777530.46	172.93122c (12120508)
383436.98	3777555.42	153.28990c (12120508)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
383459.29	3777496.63	163.62298c (12120508)	
383496.78	3777469.89	122.09348c (12120508)	
383507.88	3777447.69	119.53948c (12120508)	
383518.98	3777425.49	117.74532c (12120508)	
383530.08	3777403.29	116.45525c (12120508)	
383541.19	3777381.09	112.70080c (12120508)	
383552.29	3777358.88	108.39198c (12120508)	
383563.39	3777336.68	109.64963c (12120508)	
383574.49	3777314.48	109.97660c (12120508)	
383565.81	3777285.55	131.82671c (12112108)	
383540.14	3777275.41	191.64541c (12120508)	
383560.49	3777263.26	156.10399c (12120508)	
383570.14	3777241.54	158.90492c (12120508)	
383579.80	3777219.82	156.73430c (12120508)	
383589.45	3777198.10	156.93259c (12120508)	
383599.10	3777176.39	156.57469c (12120508)	
383608.76	3777154.67	156.55583c (12120508)	
383618.41	3777132.95	159.41700c (12120508)	
383628.06	3777111.23	157.93677c (12120508)	
383637.71	3777089.52	157.80163c (12120508)	
383647.37	3777067.80	161.19114c (12120508)	
383657.02	3777046.08	163.14483c (12120508)	
383666.67	3777024.36	161.80841c (12120508)	
383686.22	3777036.81	121.82321c (12120508)	
383708.18	3777047.79	98.42644c (12120508)	
383730.14	3777058.77	82.20348c (12120508)	
383763.68	3777047.59	70.47165 (15123108)	
383773.81	3777027.32	70.53001 (15123108)	
383764.37	3776994.74	78.45367 (15123108)	
383744.48	3776982.73	91.42047 (15123108)	
383724.58	3776970.71	110.11839 (15123108)	
383704.69	3776958.70	129.50587 (15123108)	

	383684.79	3776946.69	138.98758	(16020508)
383664.90	3776934.68	162.20368c	(12120508)	
	383645.01	3776922.67	164.98340c	(12120508)
383625.11	3776910.65	152.98654	(16122808)	
	383605.22	3776898.64	141.52654	(16122808)
383585.32	3776886.63	126.44372c	(14011008)	
	383607.15	3776854.93	111.43982	(16122808)
383592.11	3776830.06	95.47769	(16122808)	
	383562.26	3776825.59	90.00090c	(14011008)
383538.25	3776836.56	89.60292c	(14011008)	
	383552.47	3776804.25	81.76215c	(14011008)
383530.51	3776794.11	76.00951c	(14011008)	
	383508.55	3776783.97	70.23908c	(14011008)
383481.61	3776790.72	66.65237c	(14011008)	
	383469.59	3776811.41	67.16283c	(14011008)
383454.15	3776833.87	66.32988c	(14011008)	
	383438.95	3776850.77	64.34974c	(14011008)
383436.33	3776880.74	66.61138c	(14011008)	
	383453.22	3776907.76	75.01499c	(14011008)
383425.92	3776916.39	67.30658c	(14011008)	
	383411.56	3776934.97	65.14803c	(14011008)
383397.21	3776953.55	63.10971c	(14011008)	
	383403.57	3776989.93	68.19485c	(14011008)
383440.73	3777013.58	85.25190c	(14011008)	
	383469.77	3777012.01	101.56841c	(14011008)
383503.55	3776984.99	118.26399c	(14011008)	
	383533.23	3776996.32	154.63075c	(14011008)
383553.50	3777007.58	210.19214c	(14011008)	
	383524.31	3777018.87	156.47293c	(14011008)
383515.14	3777040.34	158.22501c	(14011008)	
	383505.97	3777061.82	157.70783c	(14011008)
383496.80	3777083.30	155.10732c	(14011008)	
	383487.63	3777104.78	154.49136c	(14011008)
383478.46	3777126.25	153.02494c	(14011008)	
	383469.29	3777147.73	152.96324c	(14011008)
383460.12	3777169.21	153.29527c	(14011008)	
	383450.95	3777190.68	154.00754c	(14011008)
383441.78	3777212.16	155.44529c	(14011008)	
	383432.61	3777233.64	157.33397c	(14011008)
383423.44	3777255.12	158.68224c	(14011008)	
	383383.98	3777235.65	104.22347c	(14011008)
383362.87	3777226.36	90.89166c	(14011008)	
	383341.75	3777217.07	80.31730c	(14011008)
383320.64	3777207.78	71.49473c	(14011008)	
	383299.52	3777198.49	64.03729c	(14011008)
383278.41	3777189.20	57.67489c	(14011008)	
	383257.29	3777179.91	52.20272c	(14011008)
383236.18	3777170.62	47.50046c	(14011008)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF CO	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
383215.06	3777161.33	43.35957c	(14011008)	
383193.95	3777152.04	39.25329c	(14011008)	
383163.59	3777160.31	35.29520c	(14011008)	
383139.27	3777194.10	32.89539c	(14011008)	
383114.94	3777227.88	30.74893c	(14011008)	
383098.09	3777258.36	29.99854c	(14011008)	
383097.13	3777282.01	30.41590c	(14011008)	
383096.16	3777305.66	31.03243c	(14011008)	
383095.19	3777329.31	31.80053c	(14011008)	
383094.23	3777352.95	32.60146c	(14011008)	
383093.26	3777376.60	33.51667c	(14011008)	
383092.30	3777400.25	34.38632c	(14011008)	
383091.33	3777423.90	35.20865c	(14011008)	
383112.27	3777449.59	37.52532c	(14011008)	
383135.50	3777453.39	39.37822c	(14011008)	
383158.73	3777457.19	41.76645c	(14011008)	
383181.95	3777461.00	45.29863c	(14011008)	
383205.18	3777464.80	52.75870c	(14011008)	
383228.41	3777468.60	66.74496c	(14011008)	
383251.64	3777472.40	76.05644c	(14011008)	
383274.86	3777476.20	88.88529c	(14011008)	
383298.09	3777480.00	107.23592c	(14011008)	
383322.40	3777465.88	131.19641c	(14011008)	
383328.20	3777438.87	126.06483c	(14011008)	
383356.78	3777436.01	171.94229c	(14011008)	
383319.00	3777496.07	142.19138c	(14011008)	
383309.56	3777518.78	139.24009c	(14011008)	
383300.13	3777541.50	136.51113c	(14011008)	
383290.69	3777564.22	134.18536c	(14011008)	
383281.25	3777586.94	135.65309c	(14011008)	
383271.82	3777609.65	132.94553c	(14011008)	
383262.38	3777632.37	130.73806c	(14011008)	

	383252.94	3777655.09	133.09495c (14011008)
383243.51	3777677.80	129.07093c (14011008)	
	383234.07	3777700.52	126.60198c (14011008)
383224.64	3777723.24	125.38105c (14011008)	
	383215.20	3777745.95	125.89883c (14011008)
383205.76	3777768.67	126.24370c (14011008)	
	383196.33	3777791.39	129.92325c (14011008)
383186.89	3777814.10	129.31226c (14011008)	
	383177.45	3777836.82	126.99624c (14011008)
383168.02	3777859.54	124.72497c (14011008)	
	383158.58	3777882.25	122.83745c (14011008)
383149.15	3777904.97	120.00974c (14011008)	
	383139.71	3777927.69	117.43876c (14011008)
383130.27	3777950.41	112.48722c (14011008)	
	383120.84	3777973.12	111.02736c (14011008)
383111.40	3777995.84	109.83665c (14011008)	
	383101.96	3778018.56	113.79555c (14011008)
383092.53	3778041.27	101.16161c (14011008)	
	383083.09	3778063.99	111.66762c (14011008)
383061.78	3778049.43	86.97440c (14011008)	
	383017.86	3778050.27	69.00723 (15021908)
382973.94	3778051.12	56.19424 (15021908)	
	382930.02	3778051.96	45.49909c (14011008)
382906.06	3778066.04	43.99638c (14011008)	
	382898.74	3778097.23	45.44774c (14011008)
382883.01	3778131.06	46.00767c (14011008)	
	382874.23	3778152.69	46.52244c (14011008)
382865.44	3778174.31	46.94285c (14011008)	
	382856.66	3778195.93	47.42214c (14011008)
382876.81	3778230.16	57.51196c (14011008)	
	382921.41	3778235.56	64.09563c (14011008)
382966.00	3778240.97	72.95833c (14011008)	
	383001.46	3778241.69	92.72528c (14011008)
383042.00	3778223.67	125.65398c (14011008)	
	383024.44	3778240.66	113.31585c (14011008)
383015.43	3778262.99	111.74200c (14011008)	
	383006.42	3778285.33	111.09709c (14011008)
382997.41	3778307.66	112.83094c (14011008)	
	382988.40	3778330.00	114.15489c (14011008)
382979.39	3778352.33	113.55468c (14011008)	
	382970.38	3778374.67	108.02226c (14011008)
382961.37	3778397.00	102.98793c (14011008)	
	382952.36	3778419.34	104.70562c (14011008)
382943.35	3778441.67	105.87193c (14011008)	
	382934.34	3778464.01	108.81450c (14011008)
382925.33	3778486.34	113.88746c (14011008)	
	382916.32	3778508.68	111.64115c (14011008)
382907.31	3778531.01	112.27050c (14011008)	

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 *** 21:32:44

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF CO	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
382898.30	3778553.35	113.40045c	(14011008)	
382889.29	3778575.68	115.49786c	(14011008)	
382880.29	3778598.02	116.62818c	(14011008)	
382855.75	3778589.42	96.25277c	(14011008)	
382811.83	3778596.17	74.57331c	(14011008)	
382793.64	3778612.74	69.86139c	(14011008)	
382790.63	3778636.08	73.00341c	(14011008)	
382816.94	3778676.26	99.31620c	(14011008)	
382859.74	3778674.00	129.41320c	(14011008)	
382828.05	3778706.17	115.00577c	(14011008)	
382818.46	3778728.84	114.38727c	(14011008)	
382808.88	3778751.51	115.02379c	(14011008)	
382799.30	3778774.17	115.63851c	(14011008)	
382789.72	3778796.84	115.46223c	(14011008)	
382780.13	3778819.50	114.69363c	(14011008)	
382770.55	3778842.17	114.10620c	(14011008)	
382760.97	3778864.84	114.51743c	(14011008)	
382751.39	3778887.50	114.72152c	(14011008)	
382741.80	3778910.17	117.19917c	(14011008)	
382732.22	3778932.84	118.28699c	(14011008)	
382722.64	3778955.50	125.68246c	(14011008)	
382713.06	3778978.17	119.94100c	(14011008)	
382703.48	3779000.83	117.88820c	(14011008)	
382693.89	3779023.50	120.20002c	(14011008)	
382684.31	3779046.17	121.21477c	(14011008)	
382674.73	3779068.83	120.84825c	(14011008)	
382665.15	3779091.50	121.23937c	(14011008)	
382655.56	3779114.17	122.65050c	(14011008)	
382645.98	3779136.83	125.41592c	(14011008)	
382636.40	3779159.50	126.65707c	(14011008)	
382626.82	3779182.16	125.61000c	(14011008)	
382617.23	3779204.83	127.04273c	(14011008)	

	382607.65	3779227.50	126.36297c	(14011008)
382598.07	3779250.16	127.74048c	(14011008)	
	382588.49	3779272.83	128.71760c	(14011008)
382578.90	3779295.49	127.51834c	(14011008)	
	382569.32	3779318.16	127.87970c	(14011008)
382559.74	3779340.83	128.68089c	(14011008)	
	382550.16	3779363.49	124.08082c	(14011008)
382540.58	3779386.16	123.45321c	(14011008)	
	382530.99	3779408.83	124.67685c	(14011008)
382521.41	3779431.49	120.33665c	(14011008)	
	382511.83	3779454.16	118.73800c	(14011008)
382502.25	3779476.82	118.58902c	(14011008)	
	382492.66	3779499.49	122.46611c	(14011008)
382483.08	3779522.16	121.53056c	(14011008)	
	382473.50	3779544.82	118.02636c	(14011008)
382463.92	3779567.49	110.76057c	(14011008)	
	382454.33	3779590.15	110.83098c	(15112608)
382444.75	3779612.82	112.21102c	(15112608)	
	382435.17	3779635.49	114.31840c	(15112608)
382425.59	3779658.15	115.52181c	(15112608)	
	382416.00	3779680.82	116.32721c	(15112608)
382406.42	3779703.49	117.39064c	(15112608)	
	382396.84	3779726.15	118.62718c	(15112608)
382387.26	3779748.82	119.83104c	(15112608)	
	382377.68	3779771.48	119.61751c	(15112608)
382368.09	3779794.15	121.92946	(16121208)	
	382358.51	3779816.82	126.21951	(16121208)
382348.93	3779839.48	127.57611	(16121208)	
	382339.35	3779862.15	128.86682	(16121208)
382329.76	3779884.82	126.17301	(16121208)	
	382344.89	3779918.27	158.26667c	(15112608)
382385.43	3779931.78	169.48153	(13112008)	
	382425.97	3779945.29	119.74217	(13112008)
382457.02	3779931.00	84.29914	(13112008)	
	382466.31	3779908.20	87.39817	(13112008)
382475.60	3779885.39	88.09257	(13112008)	
	382484.89	3779862.59	87.45440	(13112008)
382494.19	3779839.79	90.41488	(13020108)	
	382503.48	3779816.98	92.25037	(13021408)
382512.77	3779794.18	96.38809	(13021408)	
	382522.06	3779771.37	102.80707	(13021408)
382531.35	3779748.57	103.53511c	(12112108)	
	382540.64	3779725.76	104.23050c	(12112108)
382549.93	3779702.96	105.73548c	(12112108)	
	382559.22	3779680.16	110.32984c	(12112108)
382568.51	3779657.35	110.68169c	(12112108)	
	382577.80	3779634.55	110.23265c	(12112108)
382587.09	3779611.74	110.26550c	(12112108)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
382596.38	3779588.94	108.04976c (12112108)	
382605.67	3779566.13	110.02813 (15123108)	
382614.96	3779543.33	112.75938 (15123108)	
382624.26	3779520.53	110.93942 (15123108)	
382633.55	3779497.72	111.39215 (15123108)	
382642.84	3779474.92	110.39225 (15123108)	
382652.13	3779452.11	111.59058 (15123108)	
382661.42	3779429.31	112.10742 (15123108)	
382670.71	3779406.50	113.10161 (15123108)	
382680.00	3779383.70	113.59499 (15123108)	
382689.29	3779360.90	115.99053 (15123108)	
382698.58	3779338.09	117.84368 (15123108)	
382707.87	3779315.29	115.79885 (15123108)	
382717.16	3779292.48	116.12500 (15123108)	
382726.45	3779269.68	115.40435 (15123108)	
382735.74	3779246.87	114.16122 (15123108)	
382745.03	3779224.07	113.73052 (15123108)	
382754.33	3779201.27	113.13255 (15123108)	
382763.62	3779178.46	111.19322 (15123108)	
382772.91	3779155.66	110.49125 (15123108)	
382782.20	3779132.85	111.22462c (12120508)	
382791.49	3779110.05	111.05411c (12120508)	
382800.78	3779087.24	112.18461c (12120508)	
382810.07	3779064.44	112.91280c (12120508)	
382819.36	3779041.64	112.37509c (12120508)	
382828.65	3779018.83	112.96561c (12120508)	
382837.94	3778996.03	111.60435c (12120508)	
382847.23	3778973.22	112.04845c (12120508)	
382856.52	3778950.42	112.73350c (12120508)	
382865.81	3778927.61	113.14664c (12120508)	
382875.10	3778904.81	114.00019c (12120508)	
382884.40	3778882.01	114.87977c (12120508)	

	382893.69	3778859.20	115.06144c	(12120508)
382902.98	3778836.40		116.69676c	(12120508)
	382912.27	3778813.59	117.84931c	(12120508)
382921.56	3778790.79		117.84856c	(12120508)
	382930.85	3778767.98	118.48816c	(12120508)
382940.14	3778745.18		120.06491c	(12120508)
	382949.43	3778722.38	120.28928c	(12120508)
382958.72	3778699.57		120.71125c	(12120508)
	382977.30	3778653.96	123.30190c	(12120508)
382352.79	3779894.55		172.65879c	(15112608)
	382879.82	3778647.91	146.58061c	(14011008)
382815.63	3778651.29		92.04275c	(14011008)
	382815.63	3778620.88	84.06278c	(14011008)
382903.47	3778607.37		167.81261c	(14011008)
	383065.64	3778205.34	158.17509c	(14011008)
383052.12	3778191.82		128.29740c	(14011008)
	382991.31	3778218.85	79.69938c	(14011008)
382879.82	3778205.34		54.82918c	(14011008)
	382923.74	3778097.23	48.42311c	(14011008)
382923.74	3778083.72		47.33286c	(14011008)
	382930.50	3778076.96	47.82183	(15021908)
383106.18	3778073.58		146.10535c	(14011008)
	383379.83	3777414.79	208.34549c	(14011008)
383305.50	3777401.28		94.05108c	(14011008)
	383302.13	3777455.33	103.68240c	(14011008)
383116.31	3777424.92		36.67457c	(14011008)
	383123.07	3777259.38	31.74421c	(14011008)
383183.88	3777174.92		38.51052c	(14011008)
	383437.26	3777286.41	224.04095c	(14011008)
383565.64	3776985.73		213.80805c	(14011008)
	383504.83	3776951.95	108.73827c	(14011008)
383454.15	3776992.49		88.30975c	(14011008)
	383416.99	3776968.84	70.16692c	(14011008)
383474.42	3776894.51		81.02199c	(14011008)
	383457.53	3776867.49	71.28588c	(14011008)
383487.94	3776833.70		75.18205c	(14011008)
	383498.07	3776806.67	72.68814c	(14011008)
383541.99	3776826.95		87.26798c	(14011008)
	383531.86	3776837.08	88.15947c	(14011008)
383552.13	3776857.35		101.04025c	(14011008)
	383562.26	3776850.59	100.32164c	(14011008)
383582.53	3776850.59		102.65300c	(14011008)
	383572.40	3776908.03	141.76259c	(14011008)
383751.45	3777016.14		79.14339	(15123108)
	383741.32	3777036.41	79.22492	(15123108)
383653.48	3776992.49		236.78939c	(12120508)
	383518.34	3777296.54	242.83728c	(12120508)
383552.13	3777303.30		141.92146c	(12112108)

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
383474.42	3777458.71	163.49454c (12120508)	
383450.78	3777448.57	277.40545c (12120508)	
383413.61	3777546.55	237.22128c (12120508)	
383444.02	3777560.06	138.52238c (12120508)	
383389.96	3777688.44	131.67039c (12120508)	
383346.05	3777688.44	250.73971c (12120508)	
383227.80	3777989.12	197.01807c (12120508)	
383389.96	3777995.88	57.21868c (12112108)	
383389.96	3778093.85	56.85603c (12112108)	
383197.39	3778100.61	146.45632c (12120508)	
382974.42	3778607.37	167.48503c (12120508)	
383109.56	3778597.23	57.61461 (15123108)	
383207.53	3778685.07	40.66959 (15123108)	
383156.85	3778685.07	56.51821 (15123108)	
383106.18	3778637.78	55.88286 (15123108)	
382954.15	3778644.53	178.12215c (12120508)	
382433.87	3779921.57	124.98205 (13112008)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF

HIGHEST 8-HR RESULTS ***

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

DATE

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

ALL HIGH 1ST HIGH VALUE IS 277.40545c ON 12120508: AT (
383450.78, 3777448.57, 136.24, 329.06, 1.80) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
*** AERMET - VERSION 16216 *** ***
*** 21:32:44

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA 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 713 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 519 Calm Hours Identified

A Total of 194 Missing Hours Identified (0.44 Percent)

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

***** WARNING MESSAGES *****
ME W186 95 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 95 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** AERMOD Finishes Successfully ***

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 12/17/2019
** File: C:\Lakes\AERMOD View\HSR_B-LA_NO2_Glendale_2-
Miles_Segment\HSR_B-LA_NO2_Glendale_2-Miles_Segment.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\HSR_B-LA_Glendale_2-Miles_Segment\HSR_B-
LA_Glen
  MODELOPT CONC FASTAREA ARM2
  AVERTIME 1 PERIOD
  URBANOPT 203054 City_of_Glendale_(2017)
  POLLUTID NO2
  FLAGPOLE 1.80
  RUNORNOT RUN
** NO2 Conversion Options
  ARMRATIO 0.500 0.900
  ERRORFIL HSR_B-LA_NO2_Glendale_2-Miles_Segment.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREA1      AREAPOLY      383593.656  3776969.150      134.250
** DESCRSRC At Grade Rail Track Construction Area
** Source Parameters **
  SRCPARAM PAREA1      0.0000146113      3.000      12
  AREAVERT PAREA1      383593.656  3776969.150  383646.598  3776992.679
  AREAVERT PAREA1      383511.303  3777286.797  383411.303  3777527.974
  AREAVERT PAREA1      383334.832  3777698.563  383164.244  3778116.211
  AREAVERT PAREA1      382423.066  3779904.450  382370.124  3779875.038
  AREAVERT PAREA1      382952.479  3778533.859  383123.067  3778098.564
  AREAVERT PAREA1      383381.891  3777451.504  383523.068  3777127.974
  URBANSRC ALL

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 2"

```

```

EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT PAREA1 HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT PAREA1 HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT PAREA1 HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT PAREA1 HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT PAREA1 HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
    INCLUDED HSR_B-LA_NO2_Glendale_2-Miles_Segment.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
    SURFFILE KBUR_v9.SFC
    PROFFILE KBUR_v9.PFL
    SURFDATA 23152 2012
    UAIRDATA 3190 2012
    PROFBASE 236.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
    RECTABLE ALLAVE 1ST 8TH
    RECTABLE 1 1ST 8TH

```

```
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST HSR_B-LA_NO2_GLENDALE_2-
MILES_SEGMENT.AD\01H1GALL.PLT 31
  PLOTFILE 1 ALL 8TH HSR_B-LA_NO2_GLENDALE_2-
MILES_SEGMENT.AD\01H8GALL.PLT 32
  PLOTFILE PERIOD ALL HSR_B-LA_NO2_GLENDALE_2-
MILES_SEGMENT.AD\PE00GALL.PLT 33
  MXDYBYR ALL HSR_B-LA_NO2_GLENDALE_2-
MILES_SEGMENT.AD\MXDYBYR_ALL_NO2.DAT 34
  MAXDAILY ALL HSR_B-LA_NO2_GLENDALE_2-
MILES_SEGMENT.AD\MAXDAILY_ALL_NO2.DAT 35
  SUMMFILE HSR_B-LA_NO2_Glendale_2-Miles_Segment.sum
OU FINISHED
```

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

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

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

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

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

CO W361	29	COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2 require MULTYEAR Opt
ME W186	97	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187	97	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
*** AERMET - VERSION 16216 *** ***
*** 21:47:54

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

*** MODEL SETUP OPTIONS
SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 1 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 203054.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Ambient Ratio Method Ver 2 (ARM2) Used for NO2 Conversion
with a Minimum NO2/NOx Ratio of 0.500
and a Maximum NO2/NOx Ratio of 0.900
7. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:

FASTAREA - Use hybrid approach to optimize AREA sources;
also applies to LINE sources (formerly TOXICS option)
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 Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: NO2

**Note that special processing requirements apply for the 1-hour NO2
NAAQS - check available guidance.

Model will process user-specified ranks of daily maximum 1-hour values
averaged across the number of years modeled.

For annual NO2 NAAQS modeling, the multi-year maximum of PERIOD values
can be simulated using the MULTYEAR keyword.

Multi-year PERIOD and 1-hour values should only be done in a single model run using the MULTYEAR option with a single multi-year meteorological data file using STARTEND keyword.

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

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

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 1 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 0 line(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)
Model Outputs External File(s) of Maximum Daily 1-hr Values by
Day (MAXDAILY Keyword)
Model Outputs External File(s) of Maximum Daily 1-hr Values by
Year (MXDYBYR 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) = 236.00 ;
Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: HSR_B-LA_NO2_Glendale_2-
Miles_Segment.err
**File for Summary of Results: HSR_B-LA_NO2_Glendale_2-
Miles_Segment.sum

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*** AERMOD - VERSION 19191 ***      *** C:\Lakes\AERMOD View\HSR_B-
LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen ***      12/17/19
*** AERMET - VERSION 16216 ***      ***
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*** MODELOPTs:      NonDEFAULT  CONC  ELEV  FLGPOL  FASTAREA  ARM2  URBAN
ADJ_U*

```

*** AREAPOLY SOURCE DATA

NUMBER	NUMBER	EMISSION	RATE	LOCATION OF AREA		BASE	RELEASE
SOURCE	INIT.	URBAN	EMISSION	RATE			
OF VERTS.	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT	
ID	SZ	SOURCE	SCALAR	VARY			
(METERS)	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	
	BY						
PAREA1	0	0.14611E-04	383593.7	3776969.1	134.2	3.00	
12	0.00	YES	HRDOW7				

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LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
*** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL PAREA1 ,

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

*** SOURCE IDs DEFINED AS URBAN

SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
	203054.	PAREA1 ,

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 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

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

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 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

(382955.3, 3778669.5, 142.3, 142.3, 1.8);	(
382998.7, 3778667.6, 142.8, 142.8, 1.8);	(
(383042.1, 3778665.6, 143.2, 143.2, 1.8);	(
383085.6, 3778663.7, 143.6, 143.6, 1.8);	(
(383122.9, 3778687.6, 144.0, 144.0, 1.8);	(
383139.8, 3778703.3, 144.4, 144.4, 1.8);	(
(383173.7, 3778710.1, 144.9, 144.9, 1.8);	(
383207.5, 3778710.1, 145.5, 145.5, 1.8);	(
(383227.5, 3778680.2, 145.5, 145.5, 1.8);	(
383207.9, 3778651.8, 145.2, 145.2, 1.8);	(
(383175.2, 3778622.5, 144.5, 144.5, 1.8);	(
383142.6, 3778593.3, 143.5, 143.5, 1.8);	(
(383107.7, 3778572.3, 143.4, 143.4, 1.8);	(
383085.2, 3778574.0, 143.0, 143.0, 1.8);	(
(383062.6, 3778575.7, 142.6, 142.6, 1.8);	(
383040.1, 3778577.4, 142.3, 142.3, 1.8);	(
(383017.6, 3778579.1, 141.8, 141.8, 1.8);	(
382995.1, 3778580.8, 141.7, 141.7, 1.8);	(
(383026.4, 3778551.3, 142.0, 142.0, 1.8);	(
383036.1, 3778529.3, 141.8, 304.6, 1.8);	(
(383045.8, 3778507.3, 141.8, 304.6, 1.8);	(
383055.5, 3778485.2, 141.7, 304.6, 1.8);	(
(383065.2, 3778463.2, 141.7, 304.6, 1.8);	(
383074.9, 3778441.2, 141.7, 304.6, 1.8);	(
(383084.5, 3778419.1, 141.7, 304.6, 1.8);	(
383094.2, 3778397.1, 141.8, 304.6, 1.8);	(
(383103.9, 3778375.1, 141.8, 304.6, 1.8);	(
383113.6, 3778353.0, 141.8, 304.6, 1.8);	(
(383123.3, 3778331.0, 141.5, 304.6, 1.8);	(
383133.0, 3778309.0, 141.5, 304.6, 1.8);	(
(383142.7, 3778286.9, 141.7, 304.6, 1.8);	(
383152.4, 3778264.9, 140.9, 304.6, 1.8);	(
(383162.1, 3778242.9, 141.0, 304.6, 1.8);	(
383171.8, 3778220.8, 141.3, 304.6, 1.8);	(
(383181.5, 3778198.8, 141.3, 304.6, 1.8);	(
383191.2, 3778176.8, 140.5, 304.6, 1.8);	(
(383200.9, 3778154.7, 140.6, 304.6, 1.8);	(
383210.6, 3778132.7, 140.1, 304.6, 1.8);	(

(383220.3, 3778110.7, 139.8, 304.6, 1.8); (

383246.4, 3778123.9, 140.7, 304.6, 1.8);

(383270.5, 3778123.1, 140.8, 304.6, 1.8); (

383294.5, 3778122.2, 140.9, 304.6, 1.8);

(383318.6, 3778121.4, 140.9, 304.6, 1.8); (

383342.7, 3778120.5, 140.8, 304.6, 1.8);

(383366.8, 3778119.7, 141.8, 304.6, 1.8); (

383390.8, 3778118.8, 142.1, 304.6, 1.8);

(383415.0, 3778093.8, 141.6, 304.6, 1.8); (

383415.0, 3778069.4, 141.4, 304.6, 1.8);

(383415.0, 3778044.9, 141.3, 304.6, 1.8); (

383415.0, 3778020.4, 141.1, 304.6, 1.8);

(383415.0, 3777995.9, 140.4, 304.6, 1.8); (

383391.0, 3777970.9, 139.9, 304.6, 1.8);

(383367.8, 3777969.9, 139.5, 304.6, 1.8); (

383344.7, 3777969.0, 139.2, 304.6, 1.8);

(383321.5, 3777968.0, 138.9, 326.2, 1.8); (

383298.3, 3777967.0, 138.7, 326.2, 1.8);

(383275.2, 3777966.1, 138.7, 326.2, 1.8); (

383252.0, 3777965.1, 138.3, 328.9, 1.8);

(383278.3, 3777928.9, 138.0, 328.9, 1.8); (

383287.5, 3777905.8, 137.9, 328.9, 1.8);

(383296.5, 3777882.6, 137.9, 328.9, 1.8); (

383305.6, 3777859.5, 137.9, 328.9, 1.8);

(383314.7, 3777836.4, 138.1, 328.9, 1.8); (

383323.8, 3777813.2, 137.9, 328.9, 1.8);

(383332.9, 3777790.1, 137.7, 328.9, 1.8); (

383342.0, 3777767.0, 137.6, 328.9, 1.8);

(383351.1, 3777743.8, 137.4, 328.9, 1.8); (

383360.2, 3777720.7, 137.3, 328.9, 1.8);

(383369.3, 3777697.6, 137.2, 328.9, 1.8); (

383390.0, 3777713.4, 137.1, 328.9, 1.8);

(383413.0, 3777698.1, 137.5, 328.9, 1.8); (

383422.0, 3777676.8, 137.2, 328.9, 1.8);

(383431.0, 3777655.3, 137.3, 328.9, 1.8); (

383440.0, 3777633.9, 137.3, 328.9, 1.8);

(383449.0, 3777612.6, 137.4, 328.9, 1.8); (

383458.0, 3777591.2, 137.4, 328.9, 1.8);

(383467.1, 3777569.8, 137.2, 328.9, 1.8); (

383460.7, 3777544.0, 137.4, 328.9, 1.8);

(383439.0, 3777530.5, 137.1, 328.9, 1.8); (

383437.0, 3777555.4, 137.2, 328.9, 1.8);

(383459.3, 3777496.6, 136.7, 328.9, 1.8); (

383496.8, 3777469.9, 136.5, 328.9, 1.8);

(383507.9, 3777447.7, 136.4, 328.9, 1.8); (

383519.0, 3777425.5, 136.3, 328.9, 1.8);

(383530.1, 3777403.3, 136.2, 328.9, 1.8); (

383541.2, 3777381.1, 136.1, 328.9, 1.8);

(383552.3, 3777358.9, 136.1, 328.9, 1.8); (

383563.4, 3777336.7, 136.0, 328.9, 1.8);

(383574.5, 3777314.5, 135.9, 328.9, 1.8); (

383565.8, 3777285.5, 135.6, 328.9, 1.8);

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

(383540.1, 3777275.4, 135.7, 328.9, 1.8);	(
383560.5, 3777263.3, 135.6, 328.9, 1.8);	(
(383570.1, 3777241.5, 135.6, 328.9, 1.8);	(
383579.8, 3777219.8, 135.8, 328.9, 1.8);	(
(383589.5, 3777198.1, 135.7, 328.9, 1.8);	(
383599.1, 3777176.4, 135.6, 328.9, 1.8);	(
(383608.8, 3777154.7, 135.8, 328.9, 1.8);	(
383618.4, 3777132.9, 135.8, 328.9, 1.8);	(
(383628.1, 3777111.2, 135.9, 328.9, 1.8);	(
383637.7, 3777089.5, 135.7, 328.9, 1.8);	(
(383647.4, 3777067.8, 135.6, 328.9, 1.8);	(
383657.0, 3777046.1, 135.5, 328.9, 1.8);	(
(383666.7, 3777024.4, 135.5, 328.9, 1.8);	(
383686.2, 3777036.8, 135.3, 328.9, 1.8);	(
(383708.2, 3777047.8, 136.3, 326.2, 1.8);	(
383730.1, 3777058.8, 136.0, 326.2, 1.8);	(
(383763.7, 3777047.6, 135.7, 304.6, 1.8);	(
383773.8, 3777027.3, 135.7, 304.6, 1.8);	(
(383764.4, 3776994.7, 135.5, 304.6, 1.8);	(
383744.5, 3776982.7, 135.3, 326.2, 1.8);	(
(383724.6, 3776970.7, 135.2, 326.2, 1.8);	(
383704.7, 3776958.7, 135.0, 328.9, 1.8);	(
(383684.8, 3776946.7, 134.5, 328.9, 1.8);	(
383664.9, 3776934.7, 134.3, 328.9, 1.8);	(
(383645.0, 3776922.7, 134.2, 328.9, 1.8);	(
383625.1, 3776910.6, 134.1, 329.1, 1.8);	(
(383605.2, 3776898.6, 133.7, 329.1, 1.8);	(
383585.3, 3776886.6, 133.1, 329.1, 1.8);	(
(383607.1, 3776854.9, 133.4, 329.1, 1.8);	(
383592.1, 3776830.1, 132.0, 329.1, 1.8);	(
(383562.3, 3776825.6, 132.8, 329.1, 1.8);	(
383538.2, 3776836.6, 132.4, 329.1, 1.8);	(
(383552.5, 3776804.2, 132.4, 329.1, 1.8);	(
383530.5, 3776794.1, 131.0, 329.1, 1.8);	(
(383508.5, 3776784.0, 129.5, 329.1, 1.8);	(
383481.6, 3776790.7, 129.2, 329.1, 1.8);	(
(383469.6, 3776811.4, 129.5, 329.1, 1.8);	(
383454.1, 3776833.9, 129.6, 329.1, 1.8);	(

(383439.0, 3776850.8, 129.9, 329.1, 1.8); (

383436.3, 3776880.7, 130.8, 329.1, 1.8);

(383453.2, 3776907.8, 132.5, 329.1, 1.8); (

383425.9, 3776916.4, 131.8, 329.1, 1.8);

(383411.6, 3776935.0, 132.2, 329.1, 1.8); (

383397.2, 3776953.5, 132.4, 329.1, 1.8);

(383403.6, 3776989.9, 133.1, 329.1, 1.8); (

383440.7, 3777013.6, 133.6, 329.1, 1.8);

(383469.8, 3777012.0, 133.8, 329.1, 1.8); (

383503.5, 3776985.0, 134.2, 329.1, 1.8);

(383533.2, 3776996.3, 134.1, 329.1, 1.8); (

383553.5, 3777007.6, 134.4, 329.1, 1.8);

(383524.3, 3777018.9, 134.5, 329.1, 1.8); (

383515.1, 3777040.3, 134.3, 329.1, 1.8);

(383506.0, 3777061.8, 134.2, 329.1, 1.8); (

383496.8, 3777083.3, 134.1, 329.1, 1.8);

(383487.6, 3777104.8, 134.4, 329.1, 1.8); (

383478.5, 3777126.2, 134.4, 329.1, 1.8);

(383469.3, 3777147.7, 134.5, 329.1, 1.8); (

383460.1, 3777169.2, 134.5, 329.1, 1.8);

(383451.0, 3777190.7, 134.5, 329.1, 1.8); (

383441.8, 3777212.2, 134.1, 329.1, 1.8);

(383432.6, 3777233.6, 133.7, 329.1, 1.8); (

383423.4, 3777255.1, 134.4, 329.1, 1.8);

(383384.0, 3777235.6, 133.9, 329.1, 1.8); (

383362.9, 3777226.4, 134.3, 329.1, 1.8);

(383341.8, 3777217.1, 134.0, 329.1, 1.8); (

383320.6, 3777207.8, 133.5, 329.1, 1.8);

(383299.5, 3777198.5, 133.5, 329.1, 1.8); (

383278.4, 3777189.2, 132.9, 329.1, 1.8);

(383257.3, 3777179.9, 132.7, 329.1, 1.8); (

383236.2, 3777170.6, 132.8, 329.1, 1.8);

(383215.1, 3777161.3, 132.5, 329.1, 1.8); (

383194.0, 3777152.0, 126.0, 329.1, 1.8);

(383163.6, 3777160.3, 125.4, 329.1, 1.8); (

383139.3, 3777194.1, 125.7, 329.1, 1.8);

(383114.9, 3777227.9, 125.4, 329.1, 1.8); (

383098.1, 3777258.4, 125.7, 329.1, 1.8);

(383097.1, 3777282.0, 125.7, 329.1, 1.8); (

383096.2, 3777305.7, 126.0, 329.1, 1.8);

(383095.2, 3777329.3, 126.5, 329.1, 1.8); (

383094.2, 3777352.9, 127.2, 329.1, 1.8);

(383093.3, 3777376.6, 129.6, 329.1, 1.8); (

383092.3, 3777400.2, 130.4, 329.1, 1.8);

(383091.3, 3777423.9, 130.7, 329.1, 1.8); (

383112.3, 3777449.6, 131.5, 329.1, 1.8);

(383135.5, 3777453.4, 131.5, 329.1, 1.8); (

383158.7, 3777457.2, 132.1, 329.1, 1.8);

(383182.0, 3777461.0, 132.6, 329.1, 1.8); (

383205.2, 3777464.8, 132.4, 329.1, 1.8);

(383228.4, 3777468.6, 132.9, 329.1, 1.8); (

383251.6, 3777472.4, 133.4, 329.1, 1.8);

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

(383274.9, 3777476.2, 133.6, 329.1, 1.8);	(
383298.1, 3777480.0, 134.0, 329.1, 1.8);	;
(383322.4, 3777465.9, 134.1, 329.1, 1.8);	(
383328.2, 3777438.9, 134.1, 329.1, 1.8);	;
(383356.8, 3777436.0, 134.4, 329.1, 1.8);	(
383319.0, 3777496.1, 134.6, 329.1, 1.8);	;
(383309.6, 3777518.8, 134.4, 329.1, 1.8);	(
383300.1, 3777541.5, 134.6, 329.1, 1.8);	;
(383290.7, 3777564.2, 134.5, 329.1, 1.8);	(
383281.2, 3777586.9, 134.7, 329.1, 1.8);	;
(383271.8, 3777609.6, 135.0, 329.1, 1.8);	(
383262.4, 3777632.4, 135.5, 329.1, 1.8);	;
(383252.9, 3777655.1, 135.3, 329.1, 1.8);	(
383243.5, 3777677.8, 134.7, 329.1, 1.8);	;
(383234.1, 3777700.5, 135.9, 329.1, 1.8);	(
383224.6, 3777723.2, 135.9, 329.1, 1.8);	;
(383215.2, 3777745.9, 135.7, 329.1, 1.8);	(
383205.8, 3777768.7, 135.2, 329.1, 1.8);	;
(383196.3, 3777791.4, 135.3, 329.1, 1.8);	(
383186.9, 3777814.1, 135.5, 329.1, 1.8);	;
(383177.5, 3777836.8, 136.2, 329.1, 1.8);	(
383168.0, 3777859.5, 136.5, 329.1, 1.8);	;
(383158.6, 3777882.2, 136.2, 329.1, 1.8);	(
383149.1, 3777905.0, 136.9, 329.1, 1.8);	;
(383139.7, 3777927.7, 136.9, 329.1, 1.8);	(
383130.3, 3777950.4, 136.9, 329.1, 1.8);	;
(383120.8, 3777973.1, 136.7, 329.1, 1.8);	(
383111.4, 3777995.8, 137.0, 329.1, 1.8);	;
(383102.0, 3778018.6, 137.3, 328.9, 1.8);	(
383092.5, 3778041.3, 137.7, 328.9, 1.8);	;
(383083.1, 3778064.0, 137.8, 328.9, 1.8);	(
383061.8, 3778049.4, 137.6, 328.9, 1.8);	;
(383017.9, 3778050.3, 137.1, 329.1, 1.8);	(
382973.9, 3778051.1, 136.5, 329.1, 1.8);	;
(382930.0, 3778052.0, 136.1, 329.1, 1.8);	(
382906.1, 3778066.0, 136.1, 329.1, 1.8);	;
(382898.7, 3778097.2, 136.3, 329.1, 1.8);	(
382883.0, 3778131.1, 136.7, 329.1, 1.8);	;

(382874.2, 3778152.7, 136.7, 329.1, 1.8); (

382865.4, 3778174.3, 136.9, 329.1, 1.8);

(382856.7, 3778195.9, 137.0, 329.1, 1.8); (

382876.8, 3778230.2, 137.7, 328.9, 1.8);

(382921.4, 3778235.6, 138.2, 328.9, 1.8); (

382966.0, 3778241.0, 139.1, 328.9, 1.8);

(383001.5, 3778241.7, 139.7, 326.2, 1.8); (

383042.0, 3778223.7, 139.7, 326.2, 1.8);

(383024.4, 3778240.7, 139.8, 326.2, 1.8); (

383015.4, 3778263.0, 139.8, 326.2, 1.8);

(383006.4, 3778285.3, 140.0, 304.6, 1.8); (

382997.4, 3778307.7, 138.9, 304.6, 1.8);

(382988.4, 3778330.0, 137.7, 304.6, 1.8); (

382979.4, 3778352.3, 137.7, 304.6, 1.8);

(382970.4, 3778374.7, 138.1, 304.6, 1.8); (

382961.4, 3778397.0, 138.9, 304.6, 1.8);

(382952.4, 3778419.3, 139.5, 304.6, 1.8); (

382943.3, 3778441.7, 140.0, 304.6, 1.8);

(382934.3, 3778464.0, 140.0, 304.6, 1.8); (

382925.3, 3778486.3, 140.2, 304.6, 1.8);

(382916.3, 3778508.7, 140.3, 304.6, 1.8); (

382907.3, 3778531.0, 140.3, 304.6, 1.8);

(382898.3, 3778553.3, 140.4, 304.6, 1.8); (

382889.3, 3778575.7, 140.1, 304.6, 1.8);

(382880.3, 3778598.0, 140.2, 304.6, 1.8); (

382855.8, 3778589.4, 139.6, 304.6, 1.8);

(382811.8, 3778596.2, 138.8, 304.6, 1.8); (

382793.6, 3778612.7, 137.0, 304.6, 1.8);

(382790.6, 3778636.1, 135.9, 304.6, 1.8); (

382816.9, 3778676.3, 140.3, 140.3, 1.8);

(382859.7, 3778674.0, 141.1, 141.1, 1.8); (

382828.0, 3778706.2, 141.2, 141.2, 1.8);

(382818.5, 3778728.8, 141.6, 141.6, 1.8); (

382808.9, 3778751.5, 141.6, 141.6, 1.8);

(382799.3, 3778774.2, 141.6, 141.6, 1.8); (

382789.7, 3778796.8, 141.8, 141.8, 1.8);

(382780.1, 3778819.5, 142.2, 142.2, 1.8); (

382770.5, 3778842.2, 142.5, 142.5, 1.8);

(382761.0, 3778864.8, 142.5, 142.5, 1.8); (

382751.4, 3778887.5, 142.6, 142.6, 1.8);

(382741.8, 3778910.2, 141.9, 141.9, 1.8); (

382732.2, 3778932.8, 141.7, 141.7, 1.8);

(382722.6, 3778955.5, 139.4, 143.1, 1.8); (

382713.1, 3778978.2, 142.3, 142.7, 1.8);

(382703.5, 3779000.8, 142.9, 142.9, 1.8); (

382693.9, 3779023.5, 142.3, 142.3, 1.8);

(382684.3, 3779046.2, 142.1, 142.1, 1.8); (

382674.7, 3779068.8, 142.2, 142.2, 1.8);

(382665.1, 3779091.5, 142.1, 142.1, 1.8); (

382655.6, 3779114.2, 141.8, 141.8, 1.8);

(382646.0, 3779136.8, 141.0, 141.0, 1.8); (

382636.4, 3779159.5, 140.7, 140.7, 1.8);

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 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

(382626.8, 3779182.2, 141.0, 141.0, 1.8);	(
382617.2, 3779204.8, 140.5, 140.5, 1.8);	(
(382607.6, 3779227.5, 140.7, 140.7, 1.8);	(
382598.1, 3779250.2, 140.2, 140.2, 1.8);	(
(382588.5, 3779272.8, 139.9, 139.9, 1.8);	(
382578.9, 3779295.5, 140.1, 140.1, 1.8);	(
(382569.3, 3779318.2, 139.8, 139.8, 1.8);	(
382559.7, 3779340.8, 139.5, 139.5, 1.8);	(
(382550.2, 3779363.5, 140.2, 140.2, 1.8);	(
382540.6, 3779386.2, 140.1, 140.1, 1.8);	(
(382531.0, 3779408.8, 139.6, 139.6, 1.8);	(
382521.4, 3779431.5, 140.6, 140.6, 1.8);	(
(382511.8, 3779454.2, 140.7, 140.7, 1.8);	(
382502.2, 3779476.8, 140.4, 140.4, 1.8);	(
(382492.7, 3779499.5, 140.5, 140.5, 1.8);	(
382483.1, 3779522.2, 140.4, 140.4, 1.8);	(
(382473.5, 3779544.8, 140.8, 140.8, 1.8);	(
382463.9, 3779567.5, 141.8, 141.8, 1.8);	(
(382454.3, 3779590.1, 141.9, 141.9, 1.8);	(
382444.8, 3779612.8, 141.8, 141.8, 1.8);	(
(382435.2, 3779635.5, 140.9, 140.9, 1.8);	(
382425.6, 3779658.1, 140.8, 140.8, 1.8);	(
(382416.0, 3779680.8, 141.2, 141.2, 1.8);	(
382406.4, 3779703.5, 141.2, 141.2, 1.8);	(
(382396.8, 3779726.1, 141.1, 141.1, 1.8);	(
382387.3, 3779748.8, 141.1, 141.1, 1.8);	(
(382377.7, 3779771.5, 140.7, 140.7, 1.8);	(
382368.1, 3779794.1, 140.2, 140.2, 1.8);	(
(382358.5, 3779816.8, 139.4, 139.4, 1.8);	(
382348.9, 3779839.5, 139.3, 139.3, 1.8);	(
(382339.3, 3779862.1, 139.2, 139.2, 1.8);	(
382329.8, 3779884.8, 138.9, 138.9, 1.8);	(
(382344.9, 3779918.3, 140.5, 153.1, 1.8);	(
382385.4, 3779931.8, 141.7, 153.4, 1.8);	(
(382426.0, 3779945.3, 142.3, 153.6, 1.8);	(
382457.0, 3779931.0, 148.5, 153.2, 1.8);	(
(382466.3, 3779908.2, 144.3, 153.5, 1.8);	(
382475.6, 3779885.4, 142.8, 153.6, 1.8);	(

(382484.9, 3779862.6, 143.3, 153.3, 1.8); (

382494.2, 3779839.8, 143.2, 143.2, 1.8);

(382503.5, 3779817.0, 143.2, 143.2, 1.8); (

382512.8, 3779794.2, 143.3, 143.3, 1.8);

(382522.1, 3779771.4, 143.0, 143.0, 1.8); (

382531.3, 3779748.6, 143.5, 143.5, 1.8);

(382540.6, 3779725.8, 143.9, 143.9, 1.8); (

382549.9, 3779703.0, 144.1, 144.1, 1.8);

(382559.2, 3779680.2, 143.5, 143.5, 1.8); (

382568.5, 3779657.3, 143.7, 143.7, 1.8);

(382577.8, 3779634.5, 143.8, 143.8, 1.8); (

382587.1, 3779611.7, 143.7, 143.7, 1.8);

(382596.4, 3779588.9, 143.9, 143.9, 1.8); (

382605.7, 3779566.1, 144.1, 144.1, 1.8);

(382615.0, 3779543.3, 144.1, 144.1, 1.8); (

382624.3, 3779520.5, 143.7, 143.7, 1.8);

(382633.5, 3779497.7, 144.0, 144.0, 1.8); (

382642.8, 3779474.9, 144.1, 144.1, 1.8);

(382652.1, 3779452.1, 143.9, 143.9, 1.8); (

382661.4, 3779429.3, 143.8, 143.8, 1.8);

(382670.7, 3779406.5, 143.6, 143.6, 1.8); (

382680.0, 3779383.7, 143.5, 143.5, 1.8);

(382689.3, 3779360.9, 143.5, 143.5, 1.8); (

382698.6, 3779338.1, 143.5, 143.5, 1.8);

(382707.9, 3779315.3, 143.4, 143.4, 1.8); (

382717.2, 3779292.5, 143.2, 143.2, 1.8);

(382726.5, 3779269.7, 143.4, 143.4, 1.8); (

382735.7, 3779246.9, 143.4, 143.4, 1.8);

(382745.0, 3779224.1, 143.5, 143.5, 1.8); (

382754.3, 3779201.3, 143.6, 143.6, 1.8);

(382763.6, 3779178.5, 144.0, 144.0, 1.8); (

382772.9, 3779155.7, 143.6, 143.6, 1.8);

(382782.2, 3779132.8, 143.7, 143.7, 1.8); (

382791.5, 3779110.0, 143.9, 143.9, 1.8);

(382800.8, 3779087.2, 143.8, 143.8, 1.8); (

382810.1, 3779064.4, 143.8, 143.8, 1.8);

(382819.4, 3779041.6, 144.1, 144.1, 1.8); (

382828.6, 3779018.8, 144.1, 144.1, 1.8);

(382837.9, 3778996.0, 144.2, 144.2, 1.8); (

382847.2, 3778973.2, 144.2, 144.2, 1.8);

(382856.5, 3778950.4, 144.2, 144.2, 1.8); (

382865.8, 3778927.6, 144.2, 144.2, 1.8);

(382875.1, 3778904.8, 144.0, 144.0, 1.8); (

382884.4, 3778882.0, 143.9, 143.9, 1.8);

(382893.7, 3778859.2, 143.9, 143.9, 1.8); (

382903.0, 3778836.4, 143.6, 143.6, 1.8);

(382912.3, 3778813.6, 143.3, 143.3, 1.8); (

382921.6, 3778790.8, 143.2, 143.2, 1.8);

(382930.8, 3778768.0, 143.0, 143.0, 1.8); (

382940.1, 3778745.2, 142.7, 142.7, 1.8);

(382949.4, 3778722.4, 142.6, 142.6, 1.8); (

382958.7, 3778699.6, 142.6, 142.6, 1.8);

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

(382977.3, 3778654.0, 142.1, 142.1, 1.8);	(
382352.8, 3779894.5, 140.2, 153.1, 1.8);	(
(382879.8, 3778647.9, 140.7, 141.3, 1.8);	(
382815.6, 3778651.3, 138.4, 304.6, 1.8);	(
(382815.6, 3778620.9, 135.1, 304.6, 1.8);	(
382903.5, 3778607.4, 138.0, 304.6, 1.8);	(
(383065.6, 3778205.3, 139.5, 326.2, 1.8);	(
383052.1, 3778191.8, 138.8, 328.8, 1.8);	(
(382991.3, 3778218.8, 139.0, 328.9, 1.8);	(
382879.8, 3778205.3, 137.5, 329.1, 1.8);	(
(382923.7, 3778097.2, 136.2, 329.1, 1.8);	(
382923.7, 3778083.7, 136.0, 329.1, 1.8);	(
(382930.5, 3778077.0, 136.2, 329.1, 1.8);	(
383106.2, 3778073.6, 137.8, 328.9, 1.8);	(
(383379.8, 3777414.8, 135.0, 329.1, 1.8);	(
383305.5, 3777401.3, 134.4, 329.1, 1.8);	(
(383302.1, 3777455.3, 133.7, 329.1, 1.8);	(
383116.3, 3777424.9, 131.1, 329.1, 1.8);	(
(383123.1, 3777259.4, 126.0, 329.1, 1.8);	(
383183.9, 3777174.9, 127.6, 329.1, 1.8);	(
(383437.3, 3777286.4, 134.8, 329.1, 1.8);	(
383565.6, 3776985.7, 134.3, 329.1, 1.8);	(
(383504.8, 3776951.9, 133.6, 329.1, 1.8);	(
383454.1, 3776992.5, 133.4, 329.1, 1.8);	(
(383417.0, 3776968.8, 132.9, 329.1, 1.8);	(
383474.4, 3776894.5, 132.9, 329.1, 1.8);	(
(383457.5, 3776867.5, 130.4, 329.1, 1.8);	(
383487.9, 3776833.7, 130.2, 329.1, 1.8);	(
(383498.1, 3776806.7, 129.8, 329.1, 1.8);	(
383542.0, 3776826.9, 132.5, 329.1, 1.8);	(
(383531.9, 3776837.1, 132.1, 329.1, 1.8);	(
383552.1, 3776857.3, 132.6, 329.1, 1.8);	(
(383562.3, 3776850.6, 132.6, 329.1, 1.8);	(
383582.5, 3776850.6, 132.3, 329.1, 1.8);	(
(383572.4, 3776908.0, 132.1, 329.1, 1.8);	(
383751.5, 3777016.1, 134.6, 326.2, 1.8);	(
(383741.3, 3777036.4, 135.4, 326.2, 1.8);	(
383653.5, 3776992.5, 134.9, 328.9, 1.8);	(

(383518.3, 3777296.5, 135.9, 329.1, 1.8); (

383552.1, 3777303.3, 135.6, 328.9, 1.8);

(383474.4, 3777458.7, 136.4, 328.9, 1.8); (

383450.8, 3777448.6, 136.2, 329.1, 1.8);

(383413.6, 3777546.5, 137.2, 329.1, 1.8); (

383444.0, 3777560.1, 137.2, 328.9, 1.8);

(383390.0, 3777688.4, 137.2, 328.9, 1.8); (

383346.0, 3777688.4, 137.1, 328.9, 1.8);

(383227.8, 3777989.1, 138.6, 328.9, 1.8); (

383390.0, 3777995.9, 140.0, 304.6, 1.8);

(383390.0, 3778093.8, 141.5, 304.6, 1.8); (

383197.4, 3778100.6, 139.8, 304.6, 1.8);

(382974.4, 3778607.4, 140.7, 141.8, 1.8); (

383109.6, 3778597.2, 142.9, 142.9, 1.8);

(383207.5, 3778685.1, 145.2, 145.2, 1.8); (

383156.8, 3778685.1, 144.5, 144.5, 1.8);

(383106.2, 3778637.8, 143.7, 143.7, 1.8); (

382954.1, 3778644.5, 142.1, 142.1, 1.8);

(382433.9, 3779921.6, 142.4, 153.6, 1.8);

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 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

Surface file: KBUR_v9.SFC
 Met Version: 16216
 Profile file: KBUR_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 23152 Upper air station no.:
 3190
 Name: UNKNOWN Name:
 UNKNOWN Year: 2012 Year:
 2012

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0
BOWEN	ALBEDO	REF	WS	WD	HT	REF	TA	HT					
12	01	01	1	01	-23.4	0.241	-9.000	-9.000	-999.	285.	64.1	0.16	
3.02	1.00			2.45	359.	7.9	286.4	2.0					
12	01	01	1	02	-11.3	0.143	-9.000	-9.000	-999.	134.	23.1	0.16	
3.02	1.00			1.50	289.	7.9	284.9	2.0					
12	01	01	1	03	-4.8	0.092	-9.000	-9.000	-999.	68.	14.5	0.16	
3.02	1.00			0.99	300.	7.9	283.8	2.0					
12	01	01	1	04	-8.1	0.121	-9.000	-9.000	-999.	100.	19.1	0.16	
3.02	1.00			1.28	295.	7.9	284.2	2.0					
12	01	01	1	05	-2.9	0.074	-9.000	-9.000	-999.	49.	12.3	0.16	
3.02	1.00			0.75	323.	7.9	282.5	2.0					
12	01	01	1	06	-11.3	0.143	-9.000	-9.000	-999.	130.	23.0	0.16	
3.02	1.00			1.50	306.	7.9	283.1	2.0					
12	01	01	1	07	-16.9	0.176	-9.000	-9.000	-999.	178.	34.3	0.16	
3.02	1.00			1.82	315.	7.9	284.9	2.0					
12	01	01	1	08	-8.8	0.134	-9.000	-9.000	-999.	118.	24.3	0.16	
3.02	0.55			1.40	323.	7.9	287.0	2.0					
12	01	01	1	09	36.3	0.171	0.339	0.008	38.	169.	-12.2	0.16	
3.02	0.32			1.31	23.	7.9	288.8	2.0					
12	01	01	1	10	110.9	0.119	0.729	0.009	124.	99.	-1.4	0.16	
3.02	0.24			0.62	163.	7.9	292.0	2.0					
12	01	01	1	11	165.2	0.157	1.185	0.005	358.	149.	-2.1	0.16	
3.02	0.21			0.89	112.	7.9	296.4	2.0					
12	01	01	1	12	192.9	0.184	1.540	0.005	672.	189.	-2.8	0.16	
3.02	0.20			1.11	225.	7.9	299.2	2.0					

12	01	01	1	13	192.1	0.199	1.840	0.005	1152.	213.	-3.6	0.16
3.02		0.20			1.26	250.	7.9	299.9	2.0			
12	01	01	1	14	164.6	0.270	1.886	0.005	1447.	337.	-10.6	0.16
3.02		0.21			2.03	273.	7.9	300.4	2.0			
12	01	01	1	15	111.1	0.289	1.699	0.005	1566.	373.	-19.3	0.16
3.02		0.25			2.35	270.	7.9	300.4	2.0			
12	01	01	1	16	35.3	0.338	1.167	0.005	1596.	472.	-96.9	0.16
3.02		0.33			3.12	289.	7.9	298.8	2.0			
12	01	01	1	17	-20.8	0.255	-9.000	-9.000	-999.	312.	71.4	0.16
3.02		0.60			2.57	318.	7.9	296.4	2.0			
12	01	01	1	18	-35.0	0.369	-9.000	-9.000	-999.	538.	149.9	0.16
3.02		1.00			3.68	320.	7.9	293.8	2.0			
12	01	01	1	19	-27.7	0.291	-9.000	-9.000	-999.	380.	93.2	0.16
3.02		1.00			2.93	345.	7.9	292.0	2.0			
12	01	01	1	20	-20.7	0.216	-9.000	-9.000	-999.	243.	51.2	0.16
3.02		1.00			2.20	325.	7.9	290.4	2.0			
12	01	01	1	21	-8.5	0.124	-9.000	-9.000	-999.	108.	19.8	0.16
3.02		1.00			1.31	359.	7.9	288.1	2.0			
12	01	01	1	22	-7.4	0.116	-9.000	-9.000	-999.	94.	18.4	0.16
3.02		1.00			1.23	304.	7.9	287.5	2.0			
12	01	01	1	23	-6.3	0.106	-9.000	-9.000	-999.	82.	16.7	0.16
3.02		1.00			1.13	314.	7.9	285.9	2.0			
12	01	01	1	24	-19.7	0.203	-9.000	-9.000	-999.	220.	45.5	0.16
3.02		1.00			2.08	319.	7.9	287.0	2.0			

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	359.	2.45	286.5	99.0	-99.00	-99.00

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
382955.26	3778669.51	5.16999		
382998.70	3778667.58	3.02156		
383042.13	3778665.65	2.16842		
383085.57	3778663.72	1.66732		
383122.90	3778687.58	1.33974		
383139.79	3778703.35	1.25189		
383173.74	3778710.07	1.11924		
383207.53	3778710.07	0.98563		
383227.55	3778680.23	0.96757		
383207.89	3778651.82	1.08298		
383175.23	3778622.54	1.22387		
383142.58	3778593.26	1.43100		
383107.69	3778572.30	1.76743		
383085.17	3778573.99	2.06924		
383062.64	3778575.68	2.45458		
383040.12	3778577.37	2.91054		
383017.60	3778579.06	3.70432		
382995.07	3778580.75	4.97801		
383026.39	3778551.34	3.75760		
383036.08	3778529.31	3.74893		
383045.77	3778507.27	3.74940		
383055.47	3778485.24	3.76325		
383065.16	3778463.21	3.77856		
383074.86	3778441.17	3.81940		
383084.55	3778419.14	3.84771		
383094.25	3778397.11	3.86638		
383103.94	3778375.07	3.87905		
383113.64	3778353.04	3.89210		
383123.33	3778331.01	3.91224		
383133.02	3778308.98	3.84850		

	383142.72	3778286.94	3.75516
383152.41	3778264.91	3.81281	
	383162.11	3778242.88	3.79992
383171.80	3778220.84	3.81730	
	383181.50	3778198.81	3.82698
383191.19	3778176.78	3.87617	
	383200.88	3778154.74	3.86894
383210.58	3778132.71	3.91996	
	383220.27	3778110.68	3.89365
383246.41	3778123.90	2.92145	
	383270.48	3778123.06	2.46249
383294.55	3778122.21	2.12872	
	383318.62	3778121.37	1.88355
383342.69	3778120.52	1.68709	
	383366.77	3778119.68	1.50489
383390.84	3778118.83	1.36180	
	383414.96	3778093.85	1.33102
383414.96	3778069.36	1.40210	
	383414.96	3778044.87	1.45948
383414.96	3778020.37	1.51992	
	383414.96	3777995.88	1.58381
383391.00	3777970.90	1.82142	
	383367.84	3777969.94	2.03876
383344.67	3777968.97	2.30922	
	383321.50	3777968.00	2.67725
383298.34	3777967.04	3.24728	
	383275.17	3777966.07	4.28492
383252.01	3777965.11	6.19014	
	383278.35	3777928.88	5.27102
383287.45	3777905.75	5.34600	
	383296.55	3777882.62	5.38729
383305.64	3777859.49	5.43539	
	383314.74	3777836.37	5.42187
383323.83	3777813.24	5.44998	
	383332.93	3777790.11	5.53032
383342.03	3777766.98	5.72520	
	383351.12	3777743.85	6.01243
383360.22	3777720.72	6.14352	
	383369.32	3777697.59	6.24928
383389.96	3777713.44	4.40553	
	383413.00	3777698.14	3.76446
383422.01	3777676.75	3.80807	
	383431.02	3777655.35	3.81425
383440.03	3777633.95	3.81007	
	383449.04	3777612.56	3.78110
383458.05	3777591.16	3.75800	
	383467.06	3777569.76	3.76882
383460.72	3777544.03	4.59468	
	383438.96	3777530.46	6.70588
383436.98	3777555.42	5.85083	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
383459.29	3777496.63	6.06265		
383496.78	3777469.89	4.18219		
383507.88	3777447.69	4.03510		
383518.98	3777425.49	3.91104		
383530.08	3777403.29	3.82728		
383541.19	3777381.09	3.75773		
383552.29	3777358.88	3.70071		
383563.39	3777336.68	3.66466		
383574.49	3777314.48	3.65039		
383565.81	3777285.55	4.78652		
383540.14	3777275.41	7.53592		
383560.49	3777263.26	5.88040		
383570.14	3777241.54	5.79428		
383579.80	3777219.82	5.67495		
383589.45	3777198.10	5.59846		
383599.10	3777176.39	5.50483		
383608.76	3777154.67	5.36282		
383618.41	3777132.95	5.20223		
383628.06	3777111.23	4.98258		
383637.71	3777089.52	4.73294		
383647.37	3777067.80	4.43405		
383657.02	3777046.08	4.06977		
383666.67	3777024.36	3.61077		
383686.22	3777036.81	2.68594		
383708.18	3777047.79	2.06239		
383730.14	3777058.77	1.66905		
383763.68	3777047.59	1.38199		
383773.81	3777027.32	1.32674		
383764.37	3776994.74	1.40764		
383744.48	3776982.73	1.58491		

	383724.58	3776970.71	1.76852
383704.69	3776958.70	1.88830	
	383684.79	3776946.69	1.86803
383664.90	3776934.68	1.73579	
	383645.01	3776922.67	1.48307
383625.11	3776910.65	1.21781	
	383605.22	3776898.64	1.00351
383585.32	3776886.63	0.83422	
	383607.15	3776854.93	0.74943
383592.11	3776830.06	0.61417	
	383562.26	3776825.59	0.53363
383538.25	3776836.56	0.50864	
	383552.47	3776804.25	0.46965
383530.51	3776794.11	0.41768	
	383508.55	3776783.97	0.37459
383481.61	3776790.72	0.35221	
	383469.59	3776811.41	0.36221
383454.15	3776833.87	0.37038	
	383438.95	3776850.77	0.37228
383436.33	3776880.74	0.40839	
	383453.22	3776907.76	0.48489
383425.92	3776916.39	0.44820	
	383411.56	3776934.97	0.45490
383397.21	3776953.55	0.46099	
	383403.57	3776989.93	0.55438
383440.73	3777013.58	0.78822	
	383469.77	3777012.01	0.98284
383503.55	3776984.99	1.04159	
	383533.23	3776996.32	1.63697
383553.50	3777007.58	2.86211	
	383524.31	3777018.87	1.92713
383515.14	3777040.34	2.17139	
	383505.97	3777061.82	2.37704
383496.80	3777083.30	2.56275	
	383487.63	3777104.78	2.73301
383478.46	3777126.25	2.88145	
	383469.29	3777147.73	3.00721
383460.12	3777169.21	3.03527	
	383450.95	3777190.68	3.03368
383441.78	3777212.16	3.08278	
	383432.61	3777233.64	3.15256
383423.44	3777255.12	3.14998	
	383383.98	3777235.65	1.69261
383362.87	3777226.36	1.33658	
	383341.75	3777217.07	1.09306
383320.64	3777207.78	0.91386	
	383299.52	3777198.49	0.77503
383278.41	3777189.20	0.66857	
	383257.29	3777179.91	0.58235
383236.18	3777170.62	0.51298	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
383215.06	3777161.33	0.45630		
383193.95	3777152.04	0.40112		
383163.59	3777160.31	0.36747		
383139.27	3777194.10	0.36791		
383114.94	3777227.88	0.36514		
383098.09	3777258.36	0.36867		
383097.13	3777282.01	0.38573		
383096.16	3777305.66	0.40389		
383095.19	3777329.31	0.42315		
383094.23	3777352.95	0.44380		
383093.26	3777376.60	0.46803		
383092.30	3777400.25	0.49105		
383091.33	3777423.90	0.51499		
383112.27	3777449.59	0.59431		
383135.50	3777453.39	0.66606		
383158.73	3777457.19	0.75765		
383181.95	3777461.00	0.87613		
383205.18	3777464.80	1.04258		
383228.41	3777468.60	1.26299		
383251.64	3777472.40	1.52767		
383274.86	3777476.20	1.89421		
383298.09	3777480.00	2.41132		
383322.40	3777465.88	2.94136		
383328.20	3777438.87	2.71421		
383356.78	3777436.01	4.08117		
383319.00	3777496.07	3.38837		
383309.56	3777518.78	3.43494		
383300.13	3777541.50	3.30666		
383290.69	3777564.22	3.25894		
383281.25	3777586.94	3.23046		

	383271.82	3777609.65	3.20097
383262.38	3777632.37	3.15994	
	383252.94	3777655.09	3.13544
383243.51	3777677.80	3.12470	
	383234.07	3777700.52	3.04786
383224.64	3777723.24	3.03701	
	383215.20	3777745.95	3.03270
383205.76	3777768.67	3.03580	
	383196.33	3777791.39	3.01819
383186.89	3777814.10	2.99348	
	383177.45	3777836.82	2.94631
383168.02	3777859.54	2.91596	
	383158.58	3777882.25	2.90814
383149.15	3777904.97	2.85754	
	383139.71	3777927.69	2.82507
383130.27	3777950.41	2.79339	
	383120.84	3777973.12	2.77613
383111.40	3777995.84	2.74025	
	383101.96	3778018.56	2.69834
383092.53	3778041.27	2.59997	
	383083.09	3778063.99	2.56809
383061.78	3778049.43	1.94062	
	383017.86	3778050.27	1.41296
382973.94	3778051.12	1.10994	
	382930.02	3778051.96	0.90602
382906.06	3778066.04	0.85585	
	382898.74	3778097.23	0.90014
382883.01	3778131.06	0.91046	
	382874.23	3778152.69	0.91856
382865.44	3778174.31	0.91875	
	382856.66	3778195.93	0.91609
382876.81	3778230.16	1.03707	
	382921.41	3778235.56	1.29078
382966.00	3778240.97	1.65593	
	383001.46	3778241.69	2.16714
383042.00	3778223.67	3.29616	
	383024.44	3778240.66	2.83552
383015.43	3778262.99	2.81711	
	383006.42	3778285.33	2.77209
382997.41	3778307.66	2.83858	
	382988.40	3778330.00	2.90901
382979.39	3778352.33	2.87989	
	382970.38	3778374.67	2.80734
382961.37	3778397.00	2.70086	
	382952.36	3778419.34	2.63062
382943.35	3778441.67	2.57260	
	382934.34	3778464.01	2.56805
382925.33	3778486.34	2.55527	
	382916.32	3778508.68	2.55760
382907.31	3778531.01	2.54724	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
382898.30	3778553.35	2.53107		
382889.29	3778575.68	2.55051		
382880.29	3778598.02	2.61094		
382855.75	3778589.42	2.04308		
382811.83	3778596.17	1.54920		
382793.64	3778612.74	1.46799		
382790.63	3778636.08	1.51983		
382816.94	3778676.26	1.86364		
382859.74	3778674.00	3.00423		
382828.05	3778706.17	2.34128		
382818.46	3778728.84	2.32525		
382808.88	3778751.51	2.33849		
382799.30	3778774.17	2.35377		
382789.72	3778796.84	2.34949		
382780.13	3778819.50	2.33611		
382770.55	3778842.17	2.32960		
382760.97	3778864.84	2.34474		
382751.39	3778887.50	2.35788		
382741.80	3778910.17	2.42403		
382732.22	3778932.84	2.46075		
382722.64	3778955.50	2.66935		
382713.06	3778978.17	2.45659		
382703.48	3779000.83	2.42621		
382693.89	3779023.50	2.48672		
382684.31	3779046.17	2.52198		
382674.73	3779068.83	2.52907		
382665.15	3779091.50	2.55315		
382655.56	3779114.17	2.60032		
382645.98	3779136.83	2.67906		
382636.40	3779159.50	2.72598		

	382626.82	3779182.16	2.71988
382617.23	3779204.83	2.77576	
	382607.65	3779227.50	2.78153
382598.07	3779250.16	2.84257	
	382588.49	3779272.83	2.89627
382578.90	3779295.49	2.89211	
	382569.32	3779318.16	2.93317
382559.74	3779340.83	2.98260	
	382550.16	3779363.49	2.93008
382540.58	3779386.16	2.94530	
	382530.99	3779408.83	3.01429
382521.41	3779431.49	2.92500	
	382511.83	3779454.16	2.92762
382502.25	3779476.82	2.96991	
	382492.66	3779499.49	2.97226
382483.08	3779522.16	2.99602	
	382473.50	3779544.82	2.96519
382463.92	3779567.49	2.86879	
	382454.33	3779590.15	2.85314
382444.75	3779612.82	2.86887	
	382435.17	3779635.49	2.95590
382425.59	3779658.15	2.95360	
	382416.00	3779680.82	2.89918
382406.42	3779703.49	2.87247	
	382396.84	3779726.15	2.84976
382387.26	3779748.82	2.81158	
	382377.68	3779771.48	2.80912
382368.09	3779794.15	2.81576	
	382358.51	3779816.82	2.83668
382348.93	3779839.48	2.75737	
	382339.35	3779862.15	2.63528
382329.76	3779884.82	2.39694	
	382344.89	3779918.27	2.63303
382385.43	3779931.78	3.56000	
	382425.97	3779945.29	2.66041
382457.02	3779931.00	2.08181	
	382466.31	3779908.20	2.58484
382475.60	3779885.39	3.03386	
	382484.89	3779862.59	3.26630
382494.19	3779839.79	3.47606	
	382503.48	3779816.98	3.63033
382512.77	3779794.18	3.75137	
	382522.06	3779771.37	3.92262
382531.35	3779748.57	3.98371	
	382540.64	3779725.76	4.01836
382549.93	3779702.96	4.06760	
	382559.22	3779680.16	4.20370
382568.51	3779657.35	4.22895	
	382577.80	3779634.55	4.24154
382587.09	3779611.74	4.28191	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
382596.38	3779588.94	4.27623		
382605.67	3779566.13	4.24480		
382614.96	3779543.33	4.26338		
382624.26	3779520.53	4.30375		
382633.55	3779497.72	4.22808		
382642.84	3779474.92	4.21042		
382652.13	3779452.11	4.24864		
382661.42	3779429.31	4.25347		
382670.71	3779406.50	4.28211		
382680.00	3779383.70	4.29717		
382689.29	3779360.90	4.30192		
382698.58	3779338.09	4.29896		
382707.87	3779315.29	4.30440		
382717.16	3779292.48	4.32241		
382726.45	3779269.68	4.29220		
382735.74	3779246.87	4.28532		
382745.03	3779224.07	4.27193		
382754.33	3779201.27	4.25265		
382763.62	3779178.46	4.18066		
382772.91	3779155.66	4.23089		
382782.20	3779132.85	4.21713		
382791.49	3779110.05	4.16952		
382800.78	3779087.24	4.16949		
382810.07	3779064.44	4.15669		
382819.36	3779041.64	4.10150		
382828.65	3779018.83	4.08702		
382837.94	3778996.03	4.06333		
382847.23	3778973.22	4.04695		
382856.52	3778950.42	4.04206		
382865.81	3778927.61	4.03003		

	382875.10	3778904.81	4.03722
382884.40	3778882.01	4.05544	
	382893.69	3778859.20	4.04494
382902.98	3778836.40	4.08282	
	382912.27	3778813.59	4.11486
382921.56	3778790.79	4.13034	
	382930.85	3778767.98	4.13376
382940.14	3778745.18	4.17008	
	382949.43	3778722.38	4.14592
382958.72	3778699.57	4.12617	
	382977.30	3778653.96	4.13370
382352.79	3779894.55	3.45654	
	382879.82	3778647.91	3.54445
382815.63	3778651.29	1.80711	
	382815.63	3778620.88	1.81176
382903.47	3778607.37	4.38589	
	383065.64	3778205.34	4.36883
383052.12	3778191.82	3.05391	
	382991.31	3778218.85	1.86808
382879.82	3778205.34	1.01381	
	382923.74	3778097.23	0.99818
382923.74	3778083.72	0.96384	
	382930.50	3778076.96	0.97153
383106.18	3778073.58	3.87140	
	383379.83	3777414.79	5.27194
383305.50	3777401.28	1.74129	
	383302.13	3777455.33	2.21910
383116.31	3777424.92	0.57081	
	383123.07	3777259.38	0.40343
383183.88	3777174.92	0.41456	
	383437.26	3777286.41	5.39136
383565.64	3776985.73	2.39779	
	383504.83	3776951.95	0.80212
383454.15	3776992.49	0.75851	
	383416.99	3776968.84	0.53852
383474.42	3776894.51	0.50155	
	383457.53	3776867.49	0.42045
383487.94	3776833.70	0.41502	
	383498.07	3776806.67	0.39059
383541.99	3776826.95	0.49546	
	383531.86	3776837.08	0.49672
383552.13	3776857.35	0.59502	
	383562.26	3776850.59	0.60175
383582.53	3776850.59	0.65902	
	383572.40	3776908.03	0.90894
383751.45	3777016.14	1.54755	
	383741.32	3777036.41	1.61695
383653.48	3776992.49	4.36288	
	383518.34	3777296.54	9.79591
383552.13	3777303.30	5.17995	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43848 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
383474.42	3777458.71	6.02675		
383450.78	3777448.57	10.88559		
383413.61	3777546.55	9.49487		
383444.02	3777560.06	5.16958		
383389.96	3777688.44	4.96446		
383346.05	3777688.44	10.49979		
383227.80	3777989.12	7.94514		
383389.96	3777995.88	1.75521		
383389.96	3778093.85	1.46624		
383197.39	3778100.61	5.55621		
382974.42	3778607.37	6.16872		
383109.56	3778597.23	1.69612		
383207.53	3778685.07	1.02582		
383156.85	3778685.07	1.22735		
383106.18	3778637.78	1.58078		
382954.15	3778644.53	6.40549		
382433.87	3779921.57	3.45959		

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
382955.26	3778669.51	128.61421		
382998.70	3778667.58	103.55868		
383042.13	3778665.65	79.18760		
383085.57	3778663.72	63.19346		
383122.90	3778687.58	53.30731		
383139.79	3778703.35	59.46202		
383173.74	3778710.07	56.92554		
383207.53	3778710.07	46.57646		
383227.55	3778680.23	45.50792		
383207.89	3778651.82	55.42820		
383175.23	3778622.54	55.92874		
383142.58	3778593.26	55.54571		
383107.69	3778572.30	67.89208		
383085.17	3778573.99	76.65615		
383062.64	3778575.68	87.50106		
383040.12	3778577.37	100.43483		
383017.60	3778579.06	113.19339		
382995.07	3778580.75	127.28557		
383026.39	3778551.34	114.71068		
383036.08	3778529.31	114.27593		
383045.77	3778507.27	113.75374		
383055.47	3778485.24	113.30738		
383065.16	3778463.21	112.86391		
383074.86	3778441.17	112.02670		
383084.55	3778419.14	111.55023		
383094.25	3778397.11	111.04489		
383103.94	3778375.07	110.57001		
383113.64	3778353.04	110.12853		
383123.33	3778331.01	109.69319		
383133.02	3778308.98	109.36999		

	383142.72	3778286.94	107.20404
383152.41	3778264.91	107.26609	
	383162.11	3778242.88	107.46778
383171.80	3778220.84	107.46584	
	383181.50	3778198.81	106.25532
383191.19	3778176.78	105.64594	
	383200.88	3778154.74	105.46169
383210.58	3778132.71	104.83682	
	383220.27	3778110.68	104.42065
383246.41	3778123.90	84.37415	
	383270.48	3778123.06	78.25187
383294.55	3778122.21	74.13823	
	383318.62	3778121.37	72.51686
383342.69	3778120.52	70.88053	
	383366.77	3778119.68	58.12727
383390.84	3778118.83	56.34517	
	383414.96	3778093.85	59.63783
383414.96	3778069.36	64.90973	
	383414.96	3778044.87	68.67665
383414.96	3778020.37	70.89123	
	383414.96	3777995.88	72.64265
383391.00	3777970.90	69.07240	
	383367.84	3777969.94	68.19520
383344.67	3777968.97	69.86674	
	383321.50	3777968.00	78.15615
383298.34	3777967.04	90.69919	
	383275.17	3777966.07	108.09866
383252.01	3777965.11	125.15045	
	383278.35	3777928.88	116.47226
383287.45	3777905.75	116.86080	
	383296.55	3777882.62	117.50013
383305.64	3777859.49	118.25703	
	383314.74	3777836.37	118.88322
383323.83	3777813.24	119.44301	
	383332.93	3777790.11	120.00245
383342.03	3777766.98	122.25663	
	383351.12	3777743.85	120.39230
383360.22	3777720.72	120.67868	
	383369.32	3777697.59	120.86637
383389.96	3777713.44	105.20583	
	383413.00	3777698.14	102.67371
383422.01	3777676.75	96.96887	
	383431.02	3777655.35	99.56508
383440.03	3777633.95	98.66970	
	383449.04	3777612.56	97.55032
383458.05	3777591.16	97.29648	
	383467.06	3777569.76	98.15744
383460.72	3777544.03	109.02111	
	383438.96	3777530.46	125.40226
383436.98	3777555.42	119.33187	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
383459.29	3777496.63	122.25481		
383496.78	3777469.89	106.38524		
383507.88	3777447.69	106.00252		
383518.98	3777425.49	105.41055		
383530.08	3777403.29	103.78434		
383541.19	3777381.09	97.43085		
383552.29	3777358.88	97.14467		
383563.39	3777336.68	97.20349		
383574.49	3777314.48	96.56778		
383565.81	3777285.55	112.59329		
383540.14	3777275.41	130.08630		
383560.49	3777263.26	120.90306		
383570.14	3777241.54	121.43793		
383579.80	3777219.82	120.84357		
383589.45	3777198.10	121.18841		
383599.10	3777176.39	121.36483		
383608.76	3777154.67	121.63965		
383618.41	3777132.95	121.98406		
383628.06	3777111.23	120.74917		
383637.71	3777089.52	121.69316		
383647.37	3777067.80	122.38254		
383657.02	3777046.08	122.89950		
383666.67	3777024.36	123.35433		
383686.22	3777036.81	108.42062		
383708.18	3777047.79	91.71350		
383730.14	3777058.77	81.57106		
383763.68	3777047.59	71.11938		
383773.81	3777027.32	71.45509		
383764.37	3776994.74	80.90627		
383744.48	3776982.73	91.95753		

	383724.58	3776970.71	107.56560
383704.69	3776958.70	118.77140	
	383684.79	3776946.69	127.53152
383664.90	3776934.68	133.46109	
	383645.01	3776922.67	135.41595
383625.11	3776910.65	135.07905	
	383605.22	3776898.64	130.48427
383585.32	3776886.63	121.01061	
	383607.15	3776854.93	119.07390
383592.11	3776830.06	108.54112	
	383562.26	3776825.59	96.14681
383538.25	3776836.56	87.01496	
	383552.47	3776804.25	86.31775
383530.51	3776794.11	75.51642	
	383508.55	3776783.97	66.85732
383481.61	3776790.72	60.65579	
	383469.59	3776811.41	59.79651
383454.15	3776833.87	58.27981	
	383438.95	3776850.77	56.37851
383436.33	3776880.74	58.36358	
	383453.22	3776907.76	65.39353
383425.92	3776916.39	59.11339	
	383411.56	3776934.97	57.41565
383397.21	3776953.55	55.82646	
	383403.57	3776989.93	60.46388
383440.73	3777013.58	74.81532	
	383469.77	3777012.01	88.74520
383503.55	3776984.99	103.16441	
	383533.23	3776996.32	121.45436
383553.50	3777007.58	135.30007	
	383524.31	3777018.87	121.90500
383515.14	3777040.34	122.17555	
	383505.97	3777061.82	121.53879
383496.80	3777083.30	121.57363	
	383487.63	3777104.78	121.54677
383478.46	3777126.25	121.52186	
	383469.29	3777147.73	121.54177
383460.12	3777169.21	121.52156	
	383450.95	3777190.68	121.59254
383441.78	3777212.16	121.64962	
	383432.61	3777233.64	121.45016
383423.44	3777255.12	121.27090	
	383383.98	3777235.65	92.39247
383362.87	3777226.36	79.24725	
	383341.75	3777217.07	69.63078
383320.64	3777207.78	61.95793	
	383299.52	3777198.49	55.88437
383278.41	3777189.20	50.23006	
	383257.29	3777179.91	45.38156
383236.18	3777170.62	42.39502	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
383215.06	3777161.33	39.98398		
383193.95	3777152.04	37.26545		
383163.59	3777160.31	35.07346		
383139.27	3777194.10	34.27470		
383114.94	3777227.88	33.03307		
383098.09	3777258.36	32.43733		
383097.13	3777282.01	32.80908		
383096.16	3777305.66	33.10624		
383095.19	3777329.31	33.03371		
383094.23	3777352.95	33.28071		
383093.26	3777376.60	33.91290		
383092.30	3777400.25	34.72291		
383091.33	3777423.90	35.71721		
383112.27	3777449.59	38.85646		
383135.50	3777453.39	41.61722		
383158.73	3777457.19	44.93460		
383181.95	3777461.00	48.87883		
383205.18	3777464.80	54.15858		
383228.41	3777468.60	60.61443		
383251.64	3777472.40	68.53660		
383274.86	3777476.20	79.27764		
383298.09	3777480.00	96.10296		
383322.40	3777465.88	110.00025		
383328.20	3777438.87	109.76545		
383356.78	3777436.01	125.59777		
383319.00	3777496.07	115.60846		
383309.56	3777518.78	114.53685		
383300.13	3777541.50	113.79812		
383290.69	3777564.22	113.24730		
383281.25	3777586.94	112.76943		

	383271.82	3777609.65	112.22344
383262.38	3777632.37	111.79265	
	383252.94	3777655.09	111.24446
383243.51	3777677.80	110.48846	
	383234.07	3777700.52	110.03891
383224.64	3777723.24	109.94269	
	383215.20	3777745.95	110.15860
383205.76	3777768.67	109.79651	
	383196.33	3777791.39	109.27589
383186.89	3777814.10	108.85505	
	383177.45	3777836.82	108.11550
383168.02	3777859.54	107.45869	
	383158.58	3777882.25	106.79169
383149.15	3777904.97	106.12304	
	383139.71	3777927.69	105.45980
383130.27	3777950.41	105.64759	
	383120.84	3777973.12	105.45978
383111.40	3777995.84	105.14393	
	383101.96	3778018.56	103.62837
383092.53	3778041.27	105.73781	
	383083.09	3778063.99	105.28118
383061.78	3778049.43	86.84393	
	383017.86	3778050.27	71.49208
382973.94	3778051.12	58.44902	
	382930.02	3778051.96	48.73449
382906.06	3778066.04	46.23013	
	382898.74	3778097.23	47.14496
382883.01	3778131.06	47.64219	
	382874.23	3778152.69	48.52151
382865.44	3778174.31	49.87503	
	382856.66	3778195.93	51.33166
382876.81	3778230.16	59.76088	
	382921.41	3778235.56	67.61885
382966.00	3778240.97	83.85402	
	383001.46	3778241.69	101.50411
383042.00	3778223.67	119.37509	
	383024.44	3778240.66	112.64683
383015.43	3778262.99	111.61178	
	383006.42	3778285.33	111.05001
382997.41	3778307.66	110.40057	
	382988.40	3778330.00	109.42349
382979.39	3778352.33	109.00733	
	382970.38	3778374.67	109.20539
382961.37	3778397.00	109.55595	
	382952.36	3778419.34	110.01683
382943.35	3778441.67	110.81405	
	382934.34	3778464.01	111.34052
382925.33	3778486.34	112.16019	
	382916.32	3778508.68	112.84681
382907.31	3778531.01	113.40394	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC		
382898.29	3778575.68	114.16098		
382880.29	3778598.02	115.33066		
382855.75	3778589.42	98.97035		
382811.83	3778596.17	71.06230		
382793.64	3778612.74	65.48634		
382790.63	3778636.08	68.33342		
382816.94	3778676.26	98.16341		
382859.74	3778674.00	123.40484		
382828.05	3778706.17	113.53426		
382818.46	3778728.84	113.74630		
382808.88	3778751.51	114.39058		
382799.30	3778774.17	114.54494		
382789.72	3778796.84	114.69167		
382780.13	3778819.50	114.77772		
382770.55	3778842.17	114.85257		
382760.97	3778864.84	114.93925		
382751.39	3778887.50	114.97627		
382741.80	3778910.17	115.06033		
382732.22	3778932.84	115.08093		
382722.64	3778955.50	114.78221		
382713.06	3778978.17	114.98411		
382703.48	3779000.83	115.30003		
382693.89	3779023.50	115.26826		
382684.31	3779046.17	115.13732		
382674.73	3779068.83	114.92924		
382665.15	3779091.50	114.77842		
382655.56	3779114.17	114.90664		
382645.98	3779136.83	115.06430		
382636.40	3779159.50	115.05632		

	382626.82	3779182.16	114.87321
382617.23	3779204.83	115.66112	
	382607.65	3779227.50	115.46719
382598.07	3779250.16	115.40168	
	382588.49	3779272.83	115.69748
382578.90	3779295.49	115.67592	
	382569.32	3779318.16	115.80416
382559.74	3779340.83	115.95709	
	382550.16	3779363.49	115.76192
382540.58	3779386.16	115.87238	
	382530.99	3779408.83	116.64327
382521.41	3779431.49	115.68853	
	382511.83	3779454.16	115.63555
382502.25	3779476.82	116.54700	
	382492.66	3779499.49	116.87591
382483.08	3779522.16	119.10053	
	382473.50	3779544.82	118.98550
382463.92	3779567.49	117.79415	
	382454.33	3779590.15	117.48697
382444.75	3779612.82	117.72738	
	382435.17	3779635.49	118.60857
382425.59	3779658.15	119.23639	
	382416.00	3779680.82	118.59720
382406.42	3779703.49	119.55380	
	382396.84	3779726.15	120.04183
382387.26	3779748.82	120.58380	
	382377.68	3779771.48	120.71815
382368.09	3779794.15	121.09183	
	382358.51	3779816.82	122.89175
382348.93	3779839.48	122.82265	
	382339.35	3779862.15	123.34877
382329.76	3779884.82	123.29377	
	382344.89	3779918.27	132.93290
382385.43	3779931.78	146.29794	
	382425.97	3779945.29	132.47745
382457.02	3779931.00	116.22108	
	382466.31	3779908.20	118.69404
382475.60	3779885.39	119.09396	
	382484.89	3779862.59	118.67882
382494.19	3779839.79	118.46835	
	382503.48	3779816.98	118.24508
382512.77	3779794.18	117.98588	
	382522.06	3779771.37	117.86594
382531.35	3779748.57	117.41107	
	382540.64	3779725.76	116.99878
382549.93	3779702.96	116.68796	
	382559.22	3779680.16	116.74681
382568.51	3779657.35	116.80277	
	382577.80	3779634.55	116.73974
382587.09	3779611.74	116.75619	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
382596.38	3779588.94	116.83327		
382605.67	3779566.13	116.63005		
382614.96	3779543.33	116.84625		
382624.26	3779520.53	116.32282		
382633.55	3779497.72	115.73444		
382642.84	3779474.92	115.63745		
382652.13	3779452.11	115.74998		
382661.42	3779429.31	115.95486		
382670.71	3779406.50	116.54050		
382680.00	3779383.70	116.69863		
382689.29	3779360.90	116.79975		
382698.58	3779338.09	117.50845		
382707.87	3779315.29	117.86024		
382717.16	3779292.48	117.90521		
382726.45	3779269.68	117.86300		
382735.74	3779246.87	117.69690		
382745.03	3779224.07	118.33522		
382754.33	3779201.27	118.31302		
382763.62	3779178.46	118.52661		
382772.91	3779155.66	118.92327		
382782.20	3779132.85	118.71531		
382791.49	3779110.05	118.33310		
382800.78	3779087.24	118.41798		
382810.07	3779064.44	118.43498		
382819.36	3779041.64	118.49293		
382828.65	3779018.83	118.55325		
382837.94	3778996.03	118.55365		
382847.23	3778973.22	118.57914		
382856.52	3778950.42	118.77866		
382865.81	3778927.61	118.75810		

	382875.10	3778904.81	118.84756
382884.40	3778882.01	118.93287	
	382893.69	3778859.20	118.87319
382902.98	3778836.40	119.27101	
	382912.27	3778813.59	119.42129
382921.56	3778790.79	119.50227	
	382930.85	3778767.98	119.55718
382940.14	3778745.18	119.44296	
	382949.43	3778722.38	119.19197
382958.72	3778699.57	119.32513	
	382977.30	3778653.96	119.42430
382352.79	3779894.55	135.36557	
	382879.82	3778647.91	128.40965
382815.63	3778651.29	88.58536	
	382815.63	3778620.88	78.09142
382903.47	3778607.37	132.56495	
	383065.64	3778205.34	131.54846
383052.12	3778191.82	116.71346	
	382991.31	3778218.85	92.45700
382879.82	3778205.34	56.82249	
	382923.74	3778097.23	50.71233
382923.74	3778083.72	50.00391	
	382930.50	3778076.96	50.65874
383106.18	3778073.58	124.86026	
	383379.83	3777414.79	135.27503
383305.50	3777401.28	82.05246	
	383302.13	3777455.33	92.79973
383116.31	3777424.92	37.96370	
	383123.07	3777259.38	34.58145
383183.88	3777174.92	37.16987	
	383437.26	3777286.41	137.66200
383565.64	3776985.73	136.73350	
	383504.83	3776951.95	95.62434
383454.15	3776992.49	77.20960	
	383416.99	3776968.84	61.80794
383474.42	3776894.51	70.54297	
	383457.53	3776867.49	62.27017
383487.94	3776833.70	67.02415	
	383498.07	3776806.67	66.73459
383541.99	3776826.95	86.68013	
	383531.86	3776837.08	84.08911
383552.13	3776857.35	99.49246	
	383562.26	3776850.59	102.51634
383582.53	3776850.59	110.51935	
	383572.40	3776908.03	121.51234
383751.45	3777016.14	80.83586	
	383741.32	3777036.41	81.21080
383653.48	3776992.49	140.93270	
	383518.34	3777296.54	138.37209
383552.13	3777303.30	116.91474	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
383474.42	3777458.71	122.68982		
383450.78	3777448.57	140.95146		
383413.61	3777546.55	137.96710		
383444.02	3777560.06	112.88184		
383389.96	3777688.44	110.01793		
383346.05	3777688.44	139.85633		
383227.80	3777989.12	135.85209		
383389.96	3777995.88	70.11165		
383389.96	3778093.85	64.37486		
383197.39	3778100.61	124.39015		
382974.42	3778607.37	133.37325		
383109.56	3778597.23	63.57517		
383207.53	3778685.07	49.53101		
383156.85	3778685.07	58.80409		
383106.18	3778637.78	60.39395		
382954.15	3778644.53	136.19773		
382433.87	3779921.57	134.04065		

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
382955.26	3778669.51	119.09257		
382998.70	3778667.58	89.30905		
383042.13	3778665.65	68.49026		
383085.57	3778663.72	55.36700		
383122.90	3778687.58	47.29155		
383139.79	3778703.35	51.99275		
383173.74	3778710.07	48.71006		
383207.53	3778710.07	37.93153		
383227.55	3778680.23	37.07907		
383207.89	3778651.82	46.61088		
383175.23	3778622.54	47.82903		
383142.58	3778593.26	49.41738		
383107.69	3778572.30	58.74256		
383085.17	3778573.99	66.02461		
383062.64	3778575.68	74.85554		
383040.12	3778577.37	85.30752		
383017.60	3778579.06	102.91036		
382995.07	3778580.75	117.71771		
383026.39	3778551.34	104.67799		
383036.08	3778529.31	104.18116		
383045.77	3778507.27	103.34260		
383055.47	3778485.24	102.66683		
383065.16	3778463.21	101.81914		
383074.86	3778441.17	101.30181		
383084.55	3778419.14	100.55223		
383094.25	3778397.11	99.75460		
383103.94	3778375.07	99.06452		
383113.64	3778353.04	98.48190		
383123.33	3778331.01	97.66624		
383133.02	3778308.98	95.54071		

	383142.72	3778286.94	90.10711
383152.41	3778264.91	91.91669	
	383162.11	3778242.88	92.42640
383171.80	3778220.84	93.76869	
	383181.50	3778198.81	93.14165
383191.19	3778176.78	92.12653	
	383200.88	3778154.74	92.14331
383210.58	3778132.71	91.98395	
	383220.27	3778110.68	91.93251
383246.41	3778123.90	73.95235	
	383270.48	3778123.06	67.25416
383294.55	3778122.21	62.88524	
	383318.62	3778121.37	58.29591
383342.69	3778120.52	54.98170	
	383366.77	3778119.68	49.17813
383390.84	3778118.83	44.33176	
	383414.96	3778093.85	47.00152
383414.96	3778069.36	53.76720	
	383414.96	3778044.87	56.94887
383414.96	3778020.37	57.83690	
	383414.96	3777995.88	57.38834
383391.00	3777970.90	57.62810	
	383367.84	3777969.94	60.20224
383344.67	3777968.97	62.98716	
	383321.50	3777968.00	70.81560
383298.34	3777967.04	81.52700	
	383275.17	3777966.07	98.62359
383252.01	3777965.11	117.64965	
	383278.35	3777928.88	109.20670
383287.45	3777905.75	109.99629	
	383296.55	3777882.62	110.56386
383305.64	3777859.49	111.01964	
	383314.74	3777836.37	111.37573
383323.83	3777813.24	112.58059	
	383332.93	3777790.11	113.36683
383342.03	3777766.98	115.83466	
	383351.12	3777743.85	114.99783
383360.22	3777720.72	116.14875	
	383369.32	3777697.59	116.43899
383389.96	3777713.44	98.69181	
	383413.00	3777698.14	91.91991
383422.01	3777676.75	89.60645	
	383431.02	3777655.35	90.45238
383440.03	3777633.95	90.19006	
	383449.04	3777612.56	89.61538
383458.05	3777591.16	88.83240	
	383467.06	3777569.76	89.39231
383460.72	3777544.03	102.89855	
	383438.96	3777530.46	121.39135
383436.98	3777555.42	114.21013	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
383459.29	3777496.63	117.79667		
383496.78	3777469.89	100.69359		
383507.88	3777447.69	98.39936		
383518.98	3777425.49	97.13202		
383530.08	3777403.29	93.39528		
383541.19	3777381.09	90.26065		
383552.29	3777358.88	89.67811		
383563.39	3777336.68	89.55045		
383574.49	3777314.48	89.31003		
383565.81	3777285.55	107.98705		
383540.14	3777275.41	126.22790		
383560.49	3777263.26	116.84123		
383570.14	3777241.54	116.94189		
383579.80	3777219.82	116.15085		
383589.45	3777198.10	116.08894		
383599.10	3777176.39	116.69930		
383608.76	3777154.67	116.57095		
383618.41	3777132.95	116.48210		
383628.06	3777111.23	116.28481		
383637.71	3777089.52	116.99246		
383647.37	3777067.80	117.76305		
383657.02	3777046.08	118.68102		
383666.67	3777024.36	119.25203		
383686.22	3777036.81	103.19859		
383708.18	3777047.79	84.68563		
383730.14	3777058.77	74.17029		
383763.68	3777047.59	64.90770		
383773.81	3777027.32	64.91681		
383764.37	3776994.74	73.12720		
383744.48	3776982.73	84.48966		

	383724.58	3776970.71	101.01430
383704.69	3776958.70	113.07212	
	383684.79	3776946.69	121.55497
383664.90	3776934.68	128.86820	
	383645.01	3776922.67	130.00227
383625.11	3776910.65	127.81028	
	383605.22	3776898.64	120.13422
383585.32	3776886.63	110.01015	
	383607.15	3776854.93	105.71263
383592.11	3776830.06	92.45236	
	383562.26	3776825.59	80.71482
383538.25	3776836.56	74.31351	
	383552.47	3776804.25	73.09677
383530.51	3776794.11	65.01302	
	383508.55	3776783.97	57.91812
383481.61	3776790.72	53.29079	
	383469.59	3776811.41	52.61753
383454.15	3776833.87	51.27472	
	383438.95	3776850.77	49.59743
383436.33	3776880.74	51.35403	
	383453.22	3776907.76	57.55519
383425.92	3776916.39	52.07696	
	383411.56	3776934.97	50.60773
383397.21	3776953.55	49.33324	
	383403.57	3776989.93	53.60045
383440.73	3777013.58	65.46055	
	383469.77	3777012.01	77.03617
383503.55	3776984.99	89.40292	
	383533.23	3776996.32	111.74752
383553.50	3777007.58	128.32679	
	383524.31	3777018.87	111.94628
383515.14	3777040.34	112.46433	
	383505.97	3777061.82	112.47597
383496.80	3777083.30	112.01142	
	383487.63	3777104.78	111.68266
383478.46	3777126.25	111.89743	
	383469.29	3777147.73	112.05552
383460.12	3777169.21	111.89234	
	383450.95	3777190.68	111.73683
383441.78	3777212.16	112.04434	
	383432.61	3777233.64	112.38069
383423.44	3777255.12	112.23407	
	383383.98	3777235.65	80.53495
383362.87	3777226.36	69.78169	
	383341.75	3777217.07	61.53471
383320.64	3777207.78	55.03841	
	383299.52	3777198.49	49.78144
383278.41	3777189.20	45.23306	
	383257.29	3777179.91	41.70165
383236.18	3777170.62	38.24670	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
383215.06	3777161.33	35.46238		
383193.95	3777152.04	32.77222		
383163.59	3777160.31	30.76719		
383139.27	3777194.10	29.87486		
383114.94	3777227.88	28.82410		
383098.09	3777258.36	28.51463		
383097.13	3777282.01	28.61433		
383096.16	3777305.66	28.90039		
383095.19	3777329.31	29.27378		
383094.23	3777352.95	29.61590		
383093.26	3777376.60	30.37336		
383092.30	3777400.25	30.81036		
383091.33	3777423.90	31.68491		
383112.27	3777449.59	34.55893		
383135.50	3777453.39	36.84402		
383158.73	3777457.19	39.72098		
383181.95	3777461.00	43.43922		
383205.18	3777464.80	48.42272		
383228.41	3777468.60	54.94575		
383251.64	3777472.40	62.80628		
383274.86	3777476.20	72.98354		
383298.09	3777480.00	87.66844		
383322.40	3777465.88	104.11864		
383328.20	3777438.87	100.71442		
383356.78	3777436.01	118.88949		
383319.00	3777496.07	107.96189		
383309.56	3777518.78	107.42530		
383300.13	3777541.50	106.36495		
383290.69	3777564.22	105.66651		
383281.25	3777586.94	105.03574		

	383271.82	3777609.65	104.48272
383262.38	3777632.37	104.26513	
	383252.94	3777655.09	103.37422
383243.51	3777677.80	102.07254	
	383234.07	3777700.52	100.94985
383224.64	3777723.24	100.43400	
	383215.20	3777745.95	100.07927
383205.76	3777768.67	99.77226	
	383196.33	3777791.39	99.78732
383186.89	3777814.10	99.29233	
	383177.45	3777836.82	98.04388
383168.02	3777859.54	96.93604	
	383158.58	3777882.25	95.95003
383149.15	3777904.97	95.35836	
	383139.71	3777927.69	94.78374
383130.27	3777950.41	93.91894	
	383120.84	3777973.12	93.18552
383111.40	3777995.84	92.23787	
	383101.96	3778018.56	90.25018
383092.53	3778041.27	90.89300	
	383083.09	3778063.99	90.12541
383061.78	3778049.43	74.34910	
	383017.86	3778050.27	58.63614
382973.94	3778051.12	49.77712	
	382930.02	3778051.96	41.88014
382906.06	3778066.04	40.75872	
	382898.74	3778097.23	41.96458
382883.01	3778131.06	42.38184	
	382874.23	3778152.69	42.68421
382865.44	3778174.31	43.24229	
	382856.66	3778195.93	44.23208
382876.81	3778230.16	50.42868	
	382921.41	3778235.56	57.68402
382966.00	3778240.97	69.28020	
	383001.46	3778241.69	83.15262
383042.00	3778223.67	106.43286	
	383024.44	3778240.66	96.23769
383015.43	3778262.99	95.22208	
	383006.42	3778285.33	94.69942
382997.41	3778307.66	94.77462	
	382988.40	3778330.00	94.32996
382979.39	3778352.33	93.87968	
	382970.38	3778374.67	93.40569
382961.37	3778397.00	92.31425	
	382952.36	3778419.34	92.99014
382943.35	3778441.67	93.62843	
	382934.34	3778464.01	94.72282
382925.33	3778486.34	96.24092	
	382916.32	3778508.68	97.03178
382907.31	3778531.01	97.48263	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
382898.30	3778553.35	98.56971		
382889.29	3778575.68	99.32665		
382880.29	3778598.02	100.62695		
382855.75	3778589.42	84.40241		
382811.83	3778596.17	64.24463		
382793.64	3778612.74	57.10113		
382790.63	3778636.08	60.00129		
382816.94	3778676.26	83.59204		
382859.74	3778674.00	109.50536		
382828.05	3778706.17	98.82381		
382818.46	3778728.84	98.99198		
382808.88	3778751.51	99.76009		
382799.30	3778774.17	100.15110		
382789.72	3778796.84	100.46543		
382780.13	3778819.50	100.32267		
382770.55	3778842.17	100.02080		
382760.97	3778864.84	100.08932		
382751.39	3778887.50	100.40549		
382741.80	3778910.17	101.65684		
382732.22	3778932.84	103.09953		
382722.64	3778955.50	103.80362		
382713.06	3778978.17	102.75027		
382703.48	3779000.83	102.01073		
382693.89	3779023.50	102.84841		
382684.31	3779046.17	103.14317		
382674.73	3779068.83	102.89581		
382665.15	3779091.50	102.78468		
382655.56	3779114.17	102.92751		
382645.98	3779136.83	104.12898		
382636.40	3779159.50	104.56255		

	382626.82	3779182.16	104.13146
382617.23	3779204.83	104.82127	
	382607.65	3779227.50	104.82883
382598.07	3779250.16	105.64154	
	382588.49	3779272.83	106.10007
382578.90	3779295.49	105.72390	
	382569.32	3779318.16	105.79948
382559.74	3779340.83	105.94975	
	382550.16	3779363.49	104.80296
382540.58	3779386.16	104.71828	
	382530.99	3779408.83	105.51478
382521.41	3779431.49	103.46633	
	382511.83	3779454.16	102.76651
382502.25	3779476.82	103.57214	
	382492.66	3779499.49	103.54050
382483.08	3779522.16	105.31271	
	382473.50	3779544.82	103.88051
382463.92	3779567.49	102.17834	
	382454.33	3779590.15	101.64997
382444.75	3779612.82	101.82640	
	382435.17	3779635.49	103.88172
382425.59	3779658.15	103.49317	
	382416.00	3779680.82	102.18740
382406.42	3779703.49	102.41061	
	382396.84	3779726.15	103.50504
382387.26	3779748.82	103.72299	
	382377.68	3779771.48	104.66597
382368.09	3779794.15	106.06191	
	382358.51	3779816.82	108.58829
382348.93	3779839.48	108.97863	
	382339.35	3779862.15	109.49149
382329.76	3779884.82	106.64945	
	382344.89	3779918.27	118.72693
382385.43	3779931.78	130.64529	
	382425.97	3779945.29	116.81344
382457.02	3779931.00	90.76181	
	382466.31	3779908.20	98.97705
382475.60	3779885.39	103.07850	
	382484.89	3779862.59	101.76589
382494.19	3779839.79	102.15396	
	382503.48	3779816.98	101.80636
382512.77	3779794.18	101.22169	
	382522.06	3779771.37	101.66727
382531.35	3779748.57	101.52237	
	382540.64	3779725.76	100.17116
382549.93	3779702.96	100.80643	
	382559.22	3779680.16	103.21593
382568.51	3779657.35	103.60959	
	382577.80	3779634.55	103.84843
382587.09	3779611.74	105.06297	

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 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
382596.38	3779588.94	105.38278		
382605.67	3779566.13	105.75856		
382614.96	3779543.33	106.72680		
382624.26	3779520.53	106.42054		
382633.55	3779497.72	105.02638		
382642.84	3779474.92	104.78528		
382652.13	3779452.11	105.68607		
382661.42	3779429.31	106.22038		
382670.71	3779406.50	106.99519		
382680.00	3779383.70	107.25694		
382689.29	3779360.90	108.17022		
382698.58	3779338.09	108.41700		
382707.87	3779315.29	108.52571		
382717.16	3779292.48	108.52181		
382726.45	3779269.68	108.47784		
382735.74	3779246.87	108.24452		
382745.03	3779224.07	108.99336		
382754.33	3779201.27	109.24653		
382763.62	3779178.46	108.69547		
382772.91	3779155.66	108.58132		
382782.20	3779132.85	108.52980		
382791.49	3779110.05	108.22293		
382800.78	3779087.24	108.28159		
382810.07	3779064.44	108.10857		
382819.36	3779041.64	107.65611		
382828.65	3779018.83	107.74088		
382837.94	3778996.03	107.66046		
382847.23	3778973.22	107.64007		
382856.52	3778950.42	107.79107		
382865.81	3778927.61	107.62486		

	382875.10	3778904.81	107.82528
382884.40	3778882.01	107.54672	
	382893.69	3778859.20	107.55601
382902.98	3778836.40	107.61064	
	382912.27	3778813.59	107.93081
382921.56	3778790.79	108.07794	
	382930.85	3778767.98	108.21307
382940.14	3778745.18	108.64280	
	382949.43	3778722.38	108.53022
382958.72	3778699.57	108.77366	
	382977.30	3778653.96	109.56445
382352.79	3779894.55	124.13579	
	382879.82	3778647.91	116.15571
382815.63	3778651.29	76.71668	
	382815.63	3778620.88	68.93696
382903.47	3778607.37	122.53186	
	383065.64	3778205.34	120.31886
383052.12	3778191.82	103.63307	
	382991.31	3778218.85	75.63983
382879.82	3778205.34	48.34822	
	382923.74	3778097.23	45.00598
382923.74	3778083.72	44.15938	
	382930.50	3778076.96	44.53556
383106.18	3778073.58	114.22597	
	383379.83	3777414.79	129.19015
383305.50	3777401.28	72.76697	
	383302.13	3777455.33	84.38088
383116.31	3777424.92	33.59278	
	383123.07	3777259.38	29.98126
383183.88	3777174.92	32.83024	
	383437.26	3777286.41	131.99081
383565.64	3776985.73	130.09437	
	383504.83	3776951.95	81.94027
383454.15	3776992.49	67.35585	
	383416.99	3776968.84	54.65093
383474.42	3776894.51	61.85494	
	383457.53	3776867.49	54.77720
383487.94	3776833.70	58.72367	
	383498.07	3776806.67	58.04922
383541.99	3776826.95	73.86502	
	383531.86	3776837.08	72.11656
383552.13	3776857.35	84.89391	
	383562.26	3776850.59	87.43352
383582.53	3776850.59	96.53961	
	383572.40	3776908.03	111.49179
383751.45	3777016.14	74.32077	
	383741.32	3777036.41	74.34803
383653.48	3776992.49	139.05953	
	383518.34	3777296.54	135.93832
383552.13	3777303.30	111.11387	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
383474.42	3777458.71	118.04365		
383450.78	3777448.57	139.34255		
383413.61	3777546.55	135.14811		
383444.02	3777560.06	108.21669		
383389.96	3777688.44	104.97406		
383346.05	3777688.44	137.05319		
383227.80	3777989.12	130.01553		
383389.96	3777995.88	58.18506		
383389.96	3778093.85	52.06004		
383197.39	3778100.61	115.37736		
382974.42	3778607.37	124.97325		
383109.56	3778597.23	55.83370		
383207.53	3778685.07	39.52390		
383156.85	3778685.07	51.65710		
383106.18	3778637.78	53.28526		
382954.15	3778644.53	128.98113		
382433.87	3779921.57	119.25073		

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD

(43848 HRS) RESULTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN **

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

ALL	1ST HIGHEST VALUE IS	10.88559 AT (383450.78,
3777448.57,	136.24, 329.06,	1.80) DC
	2ND HIGHEST VALUE IS	10.49979 AT (383346.05,
3777688.44,	137.10, 328.94,	1.80) DC
	3RD HIGHEST VALUE IS	9.79591 AT (383518.34,
3777296.54,	135.85, 329.06,	1.80) DC
	4TH HIGHEST VALUE IS	9.49487 AT (383413.61,
3777546.55,	137.18, 329.06,	1.80) DC
	5TH HIGHEST VALUE IS	7.94514 AT (383227.80,
3777989.12,	138.58, 328.92,	1.80) DC
	6TH HIGHEST VALUE IS	7.53592 AT (383540.14,
3777275.41,	135.70, 328.94,	1.80) DC
	7TH HIGHEST VALUE IS	6.70588 AT (383438.96,
3777530.46,	137.12, 328.94,	1.80) DC
	8TH HIGHEST VALUE IS	6.40549 AT (382954.15,
3778644.53,	142.12, 142.12,	1.80) DC
	9TH HIGHEST VALUE IS	6.24928 AT (383369.32,
3777697.59,	137.23, 328.94,	1.80) DC
	10TH HIGHEST VALUE IS	6.19014 AT (383252.01,
3777965.11,	138.33, 328.92,	1.80) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 21:47:54

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST MAX DAILY
 1-HR RESULTS AVERAGED OVER 5 YEARS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN **

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

ALL	1ST HIGHEST VALUE IS	146.29794 AT (382385.43,
3779931.78,	141.65, 153.36,	1.80) DC
	2ND HIGHEST VALUE IS	140.95146 AT (383450.78,
3777448.57,	136.24, 329.06,	1.80) DC
	3RD HIGHEST VALUE IS	140.93270 AT (383653.48,
3776992.49,	134.93, 328.94,	1.80) DC
	4TH HIGHEST VALUE IS	139.85633 AT (383346.05,
3777688.44,	137.10, 328.94,	1.80) DC
	5TH HIGHEST VALUE IS	138.37209 AT (383518.34,
3777296.54,	135.85, 329.06,	1.80) DC
	6TH HIGHEST VALUE IS	137.96710 AT (383413.61,
3777546.55,	137.18, 329.06,	1.80) DC
	7TH HIGHEST VALUE IS	137.66200 AT (383437.26,
3777286.41,	134.81, 329.06,	1.80) DC
	8TH HIGHEST VALUE IS	136.73350 AT (383565.64,
3776985.73,	134.26, 329.06,	1.80) DC
	9TH HIGHEST VALUE IS	136.19773 AT (382954.15,
3778644.53,	142.12, 142.12,	1.80) DC
	10TH HIGHEST VALUE IS	135.85209 AT (383227.80,
3777989.12,	138.58, 328.92,	1.80) DC

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 21:47:54

PAGE 33

*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE SUMMARY OF MAXIMUM 8TH-HIGHEST MAX DAILY
 1-HR RESULTS AVERAGED OVER 5 YEARS ***

*** CONC OF NO2 IN
 MICROGRAMS/M**3

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

ALL	1ST HIGHEST VALUE IS	139.34255 AT (383450.78,
3777448.57,	136.24, 329.06,	1.80) DC
	2ND HIGHEST VALUE IS	139.05953 AT (383653.48,
3776992.49,	134.93, 328.94,	1.80) DC
	3RD HIGHEST VALUE IS	137.05319 AT (383346.05,
3777688.44,	137.10, 328.94,	1.80) DC
	4TH HIGHEST VALUE IS	135.93832 AT (383518.34,
3777296.54,	135.85, 329.06,	1.80) DC
	5TH HIGHEST VALUE IS	135.14811 AT (383413.61,
3777546.55,	137.18, 329.06,	1.80) DC
	6TH HIGHEST VALUE IS	131.99081 AT (383437.26,
3777286.41,	134.81, 329.06,	1.80) DC
	7TH HIGHEST VALUE IS	130.64529 AT (382385.43,
3779931.78,	141.65, 153.36,	1.80) DC
	8TH HIGHEST VALUE IS	130.09437 AT (383565.64,
3776985.73,	134.26, 329.06,	1.80) DC
	9TH HIGHEST VALUE IS	130.01553 AT (383227.80,
3777989.12,	138.58, 328.92,	1.80) DC
	10TH HIGHEST VALUE IS	130.00227 AT (383645.01,
3776922.67,	134.23, 328.94,	1.80) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_Glendale_2-Miles_Segment\HSR_B-LA_Glen *** 12/17/19
*** AERMET - VERSION 16216 *** ***
*** 21:47:54

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 3 Warning Message(s)
A Total of 713 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 519 Calm Hours Identified

A Total of 194 Missing Hours Identified (0.44 Percent)

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

***** WARNING MESSAGES *****
CO W361 29 COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2
require MULTYEAR Opt
ME W186 97 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 97 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** AERMOD Finishes Successfully ***

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 12/20/2019
** File: C:\Lakes\AERMOD View\HSR_B-LA_DPM_CMF_Construction_Area\HSR_B-
LA_DPM_CMF_Construction_Area.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\HSR_B-LA_CMF_Construction_Area\HSR_B-
LA_CMF_Con
  MODELOPT CONC FLAT FASTAREA
  AVERTIME 24 PERIOD
  URBANOPT 800000
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL HSR_B-LA_DPM_CMF_Construction_Area.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREA1      AREAPOLY    386787.173   3771677.394           0.0
** DESCRSRC At grade Rail Track Segment Construction Area
  LOCATION PAREA2      AREAPOLY    386027.874   3773421.998           0.0
** DESCRSRC CMF Access Bridge Demolition
** Source Parameters **
  SRCPARAM PAREA1      1.5523E-07      3.000      51
  AREAVERT PAREA1      386787.173  3771677.394  386812.511  3771707.800
  AREAVERT PAREA1      386822.646  3771859.829  386817.579  3772006.790
  AREAVERT PAREA1      386807.444  3772255.103  386761.835  3772614.904
  AREAVERT PAREA1      386736.497  3772746.662  386706.091  3772817.608
  AREAVERT PAREA1      386589.536  3773020.313  386478.048  3773157.139
  AREAVERT PAREA1      386412.169  3773228.085  386270.276  3773314.235
  AREAVERT PAREA1      386158.789  3773380.114  386001.692  3773501.737
  AREAVERT PAREA1      385940.881  3773562.548  385687.500  3773932.484
  AREAVERT PAREA1      385616.553  3774064.242  385499.998  3774439.246
  AREAVERT PAREA1      385439.187  3774565.937  385418.916  3774606.478
  AREAVERT PAREA1      385353.037  3774707.830  385302.361  3774758.506

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EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT PAREA2      HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
** DESCRREC "" ""
DISCCART      385129.73      3775148.85
DISCCART      385367.69      3775343.57
DISCCART      385765.30      3774513.97
DISCCART      385676.95      3774142.54
DISCCART      385933.84      3774427.25
DISCCART      385794.20      3773804.02
DISCCART      386496.12      3773322.80
DISCCART      386250.61      3773133.44
DISCCART      386315.91      3773091.00
DISCCART      386389.04      3773030.93
DISCCART      386806.27      3772855.29
DISCCART      386848.06      3772771.06
DISCCART      386869.61      3772716.21
DISCCART      386559.46      3772786.73
DISCCART      386605.16      3772641.12
DISCCART      386636.50      3772407.36
DISCCART      386629.32      3772467.44
DISCCART      386644.99      3772285.26
DISCCART      386504.61      3772411.28
DISCCART      386475.23      3772552.32
DISCCART      386311.99      3772880.10
DISCCART      387055.70      3772326.40
DISCCART      387437.67      3772515.10
DISCCART      387158.87      3772861.16
DISCCART      386983.22      3773114.51
DISCCART      386915.41      3771905.68
DISCCART      386011.02      3773580.32
** BEGIN OF FENCELINE GRID RECEPTORS
** Plant Boundary Name PLBN1
** Grid Spacing = 25.00
** No. of Tiers = 1
** Tier 1: Segment Distance = 25.00
** Tier 1: Tier Spacing = 25.00
** -----

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DISCCART	385133.31	3775134.13
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DISCCART	385163.15	3775055.80
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DISCCART	385927.58	3773669.60
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DISCCART	386274.66	3773645.80
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DISCCART	386671.85	3772586.09
DISCCART	386667.66	3772609.86
DISCCART	386663.46	3772633.64
DISCCART	386659.26	3772657.42
DISCCART	386655.07	3772681.19
DISCCART	386650.87	3772704.97
DISCCART	386646.68	3772728.75
DISCCART	386642.48	3772752.53
DISCCART	386625.69	3772787.55
DISCCART	386616.37	3772808.07
DISCCART	386607.04	3772828.58
DISCCART	386597.72	3772849.10
DISCCART	386574.82	3772882.87
DISCCART	386562.39	3772901.51
DISCCART	386549.41	3772921.98
DISCCART	386536.76	3772941.96
DISCCART	386524.10	3772961.94
DISCCART	386511.45	3772981.92
DISCCART	386498.79	3773001.90
DISCCART	386486.14	3773021.88

DISCCART	386473.48	3773041.86
DISCCART	386447.28	3773073.60
DISCCART	386419.31	3773107.79
DISCCART	386391.34	3773141.98
DISCCART	386359.77	3773161.09
DISCCART	386322.47	3773185.34
DISCCART	386286.24	3773206.96
DISCCART	386247.77	3773227.94
DISCCART	386209.31	3773248.92
DISCCART	386170.85	3773269.90
DISCCART	386139.85	3773279.82
DISCCART	386097.90	3773284.48
DISCCART	386055.94	3773289.14
DISCCART	386031.66	3773292.07
DISCCART	386008.34	3773297.89
DISCCART	385985.03	3773303.72
DISCCART	385961.72	3773309.55
DISCCART	385938.41	3773315.38
DISCCART	385915.13	3773330.78
DISCCART	385887.17	3773352.54
DISCCART	385871.58	3773388.39
DISCCART	385864.58	3773411.70
DISCCART	385872.70	3773438.24
DISCCART	385906.88	3773466.21
DISCCART	385919.13	3773446.80
DISCCART	385891.94	3773486.81
DISCCART	385878.34	3773506.82
DISCCART	385864.74	3773526.83
DISCCART	385851.14	3773546.84
DISCCART	385837.55	3773566.85
DISCCART	385823.95	3773586.86
DISCCART	385810.35	3773606.86
DISCCART	385796.75	3773626.87
DISCCART	385783.15	3773646.88
DISCCART	385769.56	3773666.89
DISCCART	385755.96	3773686.90
DISCCART	385742.36	3773706.91
DISCCART	385728.76	3773726.91
DISCCART	385715.16	3773746.92
DISCCART	385701.57	3773766.93
DISCCART	385687.97	3773786.94
DISCCART	385674.37	3773806.95
DISCCART	385660.77	3773826.96
DISCCART	385647.17	3773846.96
DISCCART	385633.58	3773866.97
DISCCART	385619.98	3773886.98
DISCCART	385606.38	3773906.99
DISCCART	385592.78	3773927.00
DISCCART	385581.29	3773951.88
DISCCART	385571.96	3773972.86
DISCCART	385553.80	3774009.12
DISCCART	385543.07	3774031.21
DISCCART	385535.39	3774054.80
DISCCART	385527.71	3774078.38

DISCCART	385520.03	3774101.97
DISCCART	385512.35	3774125.55
DISCCART	385504.67	3774149.14
DISCCART	385497.00	3774172.72
DISCCART	385489.32	3774196.31
DISCCART	385481.64	3774219.89
DISCCART	385473.96	3774243.48
DISCCART	385466.28	3774267.06
DISCCART	385458.60	3774290.65
DISCCART	385450.92	3774314.23
DISCCART	385443.24	3774337.82
DISCCART	385435.56	3774361.40
DISCCART	385427.89	3774384.99
DISCCART	385420.21	3774408.58
DISCCART	385412.53	3774432.16
DISCCART	385398.02	3774470.16
DISCCART	385383.11	3774509.32
DISCCART	385366.38	3774543.58
DISCCART	385344.00	3774580.88
DISCCART	385321.62	3774618.18
DISCCART	385295.09	3774653.34
DISCCART	385281.10	3774671.98
DISCCART	385267.11	3774690.63
DISCCART	385253.13	3774709.28
DISCCART	385239.14	3774727.93
DISCCART	385211.65	3774762.28
DISCCART	385183.68	3774797.25
DISCCART	385168.84	3774816.00
DISCCART	385154.07	3774834.65
DISCCART	385139.31	3774853.30
DISCCART	385124.55	3774871.95
DISCCART	385109.78	3774890.59
DISCCART	385095.02	3774909.24
DISCCART	385080.98	3774932.55
DISCCART	385068.85	3774953.06
DISCCART	385056.73	3774973.58
DISCCART	385044.61	3774994.09
DISCCART	385032.49	3775014.60
DISCCART	385023.09	3775041.03
DISCCART	385015.88	3775062.64
DISCCART	385008.68	3775084.26
DISCCART	385001.47	3775105.88
DISCCART	384994.27	3775127.49
DISCCART	384987.06	3775149.11
DISCCART	384979.85	3775170.72
DISCCART	384972.65	3775192.34
DISCCART	384965.44	3775213.95
DISCCART	384958.24	3775235.57
DISCCART	384951.03	3775257.18
DISCCART	384962.98	3775287.15
DISCCART	384997.95	3775305.80
DISCCART	385032.91	3775324.45
DISCCART	385068.14	3775311.03
DISCCART	385076.30	3775288.89

DISCCART	385084.46	3775266.74
DISCCART	385092.61	3775244.60
DISCCART	385100.77	3775222.45
DISCCART	385108.93	3775200.31
DISCCART	385117.09	3775178.16
DISCCART	385125.25	3775156.02
** END OF FENCELINE GRID RECEPTORS		
** Discrete Cartesian Plant Boundary - Primary Receptors		
** Plant Boundary Name PLBN1		
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"		
DISCCART	384974.75	3775265.09
DISCCART	385054.01	3775027.32
DISCCART	385114.62	3774924.76
DISCCART	385203.20	3774812.87
DISCCART	385259.14	3774742.93
DISCCART	385343.06	3774631.04
DISCCART	385399.01	3774537.80
DISCCART	385436.30	3774439.90
DISCCART	385566.84	3774038.95
DISCCART	385594.81	3773983.01
DISCCART	385613.46	3773941.05
DISCCART	385939.81	3773460.85
DISCCART	385888.53	3773418.89
DISCCART	385902.52	3773372.27
DISCCART	385944.47	3773339.63
DISCCART	386037.72	3773316.32
DISCCART	386163.59	3773302.34
DISCCART	386317.44	3773218.42
DISCCART	386410.69	3773157.81
DISCCART	386494.60	3773055.24
DISCCART	386583.19	3772915.38
DISCCART	386620.48	3772859.44
DISCCART	386667.10	3772756.87
DISCCART	386709.06	3772519.10
DISCCART	386755.68	3772076.20
DISCCART	386769.67	3771665.93
DISCCART	386778.99	3771656.61
DISCCART	386788.32	3771651.95
DISCCART	386839.60	3771684.58
DISCCART	386848.93	3772024.92
DISCCART	386890.89	3772155.45
DISCCART	386914.20	3772309.30
DISCCART	386923.52	3772453.83
DISCCART	386895.55	3772617.00
DISCCART	386848.93	3772752.21
DISCCART	386774.33	3772892.07
DISCCART	386685.75	3773017.95
DISCCART	386611.16	3773125.18
DISCCART	386499.27	3773223.08
DISCCART	386294.13	3773325.65
DISCCART	386210.22	3773367.61
DISCCART	386079.68	3773474.84
DISCCART	386280.15	3773596.05
DISCCART	386228.86	3773665.98

DISCCART	386005.08	3773516.79
DISCCART	385655.42	3774010.98
DISCCART	385883.87	3774150.84
DISCCART	385860.56	3774197.46
DISCCART	385641.44	3774043.61
DISCCART	385496.91	3774486.52
DISCCART	385417.65	3774649.69
DISCCART	385310.43	3774766.24
DISCCART	385361.71	3774812.87
DISCCART	385277.79	3774924.76
DISCCART	385399.01	3774990.03
DISCCART	385380.36	3775031.98
DISCCART	385273.13	3774943.40
DISCCART	385231.17	3774948.07
DISCCART	385207.86	3774938.74
DISCCART	385147.25	3775027.32
DISCCART	385109.95	3775125.23
DISCCART	385044.68	3775302.39

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE CELA_v9.SFC

PROFFILE CELA_v9.PFL

SURFDATA 93134 2010

UAIRDATA 3190 2010

SITEDATA 99999 2010

PROFBASE 87.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 24 1ST

** Auto-Generated Plotfiles

PLOTFILE 24 ALL 1ST HSR_B-LA_DPM_CMF_CONSTRUCTION_AREA.AD\24H1GALL.PLT

31

PLOTFILE PERIOD ALL HSR_B-LA_DPM_CMF_CONSTRUCTION_AREA.AD\PE00GALL.PLT

32

NOHEADER PLOTFILE

SUMMFILE HSR_B-LA_DPM_CMF_Construction_Area.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 625 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 625 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_CMF_Construction_Area\HSR_B-LA_CMF_Con *** 12/20/19
*** AERMET - VERSION 16216 *** ***
*** 03:16:07

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** MODEL SETUP OPTIONS

SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 2 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 800000.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:

FASTAREA - Use hybrid approach to optimize AREA sources;
also applies to LINE sources (formerly TOXICS option)

ADJ_U* - Use ADJ_U* option for SBL in AERMET

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM_10

**Model Calculates 1 Short Term Average(s) of: 24-HR
and Calculates PERIOD Averages

**This Run Includes: 2 Source(s); 1 Source Group(s); and
473 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 2 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 0 line(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) = 87.00 ;
Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

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

**Detailed Error/Message File: HSR_B-LA_DPM_CMF_Construction_Area.err
**File for Summary of Results: HSR_B-LA_DPM_CMF_Construction_Area.sum

```

*** AERMOD - VERSION 19191 ***      *** C:\Lakes\AERMOD View\HSR_B-
LA_CMF_Construction_Area\HSR_B-LA_CMF_Con ***      12/20/19
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*** MODELOPTs:      NonDEFAULT  CONC  FLAT  FASTAREA  URBAN  ADJ_U*

```

*** AREAPOLY SOURCE DATA

NUMBER	NUMBER	EMISSION	RATE	LOCATION OF AREA		BASE	RELEASE
SOURCE	INIT.	URBAN	EMISSION				
OF VERTS.	PART.	(GRAMS/SEC		X	Y	ELEV.	HEIGHT
ID	SZ	SOURCE	SCALAR	VARY			
(METERS)	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	BY						
PAREA1	0	0.15523E-06	386787.2	3771677.4	87.0	3.00	
51	0.00	YES	HRDOW7				
PAREA2	0	0.32017E-05	386027.9	3773422.0	87.0	3.00	
4	0.00	YES	HRDOW7				

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LA_CMF_Construction_Area\HSR_B-LA_CMF_Con *** 12/20/19
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL PAREA1 , PAREA2 ,

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN

SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
	800000.	PAREA1 , PAREA2 ,

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_CMF_Construction_Area\HSR_B-LA_CMF_Con *** 12/20/19
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

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 = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = TUESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = WEDNESDY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = THURSDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = FRIDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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			

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 LA_CMF_Construction_Area\HSR_B-LA_CMF_Con *** 12/20/19
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = MONDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = TUESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = WEDNESDY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = THURSDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = FRIDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10

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		

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(385129.7, 3775148.8,	87.0,	87.0,	0.0);	(
385367.7, 3775343.6,	87.0,	87.0,	0.0);	(
(385765.3, 3774514.0,	87.0,	87.0,	0.0);	(
385677.0, 3774142.5,	87.0,	87.0,	0.0);	(
(385933.8, 3774427.2,	87.0,	87.0,	0.0);	(
385794.2, 3773804.0,	87.0,	87.0,	0.0);	(
(386496.1, 3773322.8,	87.0,	87.0,	0.0);	(
386250.6, 3773133.4,	87.0,	87.0,	0.0);	(
(386315.9, 3773091.0,	87.0,	87.0,	0.0);	(
386389.0, 3773030.9,	87.0,	87.0,	0.0);	(
(386806.3, 3772855.3,	87.0,	87.0,	0.0);	(
386848.1, 3772771.1,	87.0,	87.0,	0.0);	(
(386869.6, 3772716.2,	87.0,	87.0,	0.0);	(
386559.5, 3772786.7,	87.0,	87.0,	0.0);	(
(386605.2, 3772641.1,	87.0,	87.0,	0.0);	(
386636.5, 3772407.4,	87.0,	87.0,	0.0);	(
(386629.3, 3772467.4,	87.0,	87.0,	0.0);	(
386645.0, 3772285.3,	87.0,	87.0,	0.0);	(
(386504.6, 3772411.3,	87.0,	87.0,	0.0);	(
386475.2, 3772552.3,	87.0,	87.0,	0.0);	(
(386312.0, 3772880.1,	87.0,	87.0,	0.0);	(
387055.7, 3772326.4,	87.0,	87.0,	0.0);	(
(387437.7, 3772515.1,	87.0,	87.0,	0.0);	(
387158.9, 3772861.2,	87.0,	87.0,	0.0);	(
(386983.2, 3773114.5,	87.0,	87.0,	0.0);	(
386915.4, 3771905.7,	87.0,	87.0,	0.0);	(
(386011.0, 3773580.3,	87.0,	87.0,	0.0);	(
385133.3, 3775134.1,	87.0,	87.0,	0.0);	(
(385148.2, 3775095.0,	87.0,	87.0,	0.0);	(
385163.1, 3775055.8,	87.0,	87.0,	0.0);	(
(385180.0, 3775023.7,	87.0,	87.0,	0.0);	(
385204.2, 3774988.3,	87.0,	87.0,	0.0);	(
(385228.5, 3774952.9,	87.0,	87.0,	0.0);	(
385198.6, 3774961.9,	87.0,	87.0,	0.0);	(
(385254.9, 3774970.6,	87.0,	87.0,	0.0);	(
385293.0, 3774992.2,	87.0,	87.0,	0.0);	(
(385310.8, 3775007.0,	87.0,	87.0,	0.0);	(
385328.7, 3775021.7,	87.0,	87.0,	0.0);	(
(385346.6, 3775036.5,	87.0,	87.0,	0.0);	(
385364.4, 3775051.2,	87.0,	87.0,	0.0);	(

(385403.2, 3775042.1,	87.0,	87.0,	0.0);	(
385412.5, 3775021.2,	87.0,	87.0,	0.0);	
(385421.8, 3775000.2,	87.0,	87.0,	0.0);	(
385410.9, 3774968.0,	87.0,	87.0,	0.0);	
(385390.7, 3774957.1,	87.0,	87.0,	0.0);	(
385370.5, 3774946.3,	87.0,	87.0,	0.0);	
(385350.2, 3774935.4,	87.0,	87.0,	0.0);	(
385330.0, 3774924.5,	87.0,	87.0,	0.0);	
(385309.8, 3774913.6,	87.0,	87.0,	0.0);	(
385339.8, 3774883.8,	87.0,	87.0,	0.0);	
(385353.7, 3774865.2,	87.0,	87.0,	0.0);	(
385367.7, 3774846.5,	87.0,	87.0,	0.0);	
(385381.7, 3774827.9,	87.0,	87.0,	0.0);	(
385378.5, 3774794.4,	87.0,	87.0,	0.0);	
(385361.4, 3774778.8,	87.0,	87.0,	0.0);	(
385344.3, 3774763.3,	87.0,	87.0,	0.0);	
(385374.8, 3774733.2,	87.0,	87.0,	0.0);	(
385390.1, 3774716.6,	87.0,	87.0,	0.0);	
(385405.4, 3774699.9,	87.0,	87.0,	0.0);	(
385420.7, 3774683.3,	87.0,	87.0,	0.0);	
(385436.0, 3774666.6,	87.0,	87.0,	0.0);	(
385450.0, 3774640.2,	87.0,	87.0,	0.0);	
(385460.0, 3774619.8,	87.0,	87.0,	0.0);	(
385469.9, 3774599.4,	87.0,	87.0,	0.0);	
(385479.8, 3774579.0,	87.0,	87.0,	0.0);	(
385489.7, 3774558.6,	87.0,	87.0,	0.0);	
(385499.6, 3774538.2,	87.0,	87.0,	0.0);	(
385509.5, 3774517.8,	87.0,	87.0,	0.0);	
(385519.4, 3774497.4,	87.0,	87.0,	0.0);	(
385528.3, 3774471.0,	87.0,	87.0,	0.0);	
(385535.9, 3774447.6,	87.0,	87.0,	0.0);	(
385543.5, 3774424.3,	87.0,	87.0,	0.0);	
(385551.1, 3774401.0,	87.0,	87.0,	0.0);	(
385558.7, 3774377.7,	87.0,	87.0,	0.0);	
(385566.3, 3774354.4,	87.0,	87.0,	0.0);	(
385573.9, 3774331.1,	87.0,	87.0,	0.0);	
(385581.5, 3774307.8,	87.0,	87.0,	0.0);	(
385589.1, 3774284.5,	87.0,	87.0,	0.0);	
(385596.8, 3774261.2,	87.0,	87.0,	0.0);	(
385604.3, 3774237.8,	87.0,	87.0,	0.0);	
(385612.0, 3774214.5,	87.0,	87.0,	0.0);	(
385619.6, 3774191.2,	87.0,	87.0,	0.0);	
(385627.2, 3774167.9,	87.0,	87.0,	0.0);	(
385634.8, 3774144.6,	87.0,	87.0,	0.0);	
(385642.4, 3774121.3,	87.0,	87.0,	0.0);	(
385650.0, 3774098.0,	87.0,	87.0,	0.0);	
(385657.6, 3774074.7,	87.0,	87.0,	0.0);	(
385686.8, 3774106.0,	87.0,	87.0,	0.0);	
(385706.8, 3774120.0,	87.0,	87.0,	0.0);	(
385726.7, 3774134.0,	87.0,	87.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(385746.6, 3774148.0,	87.0,	87.0,	0.0);	(
385766.5, 3774162.0,	87.0,	87.0,	0.0);	(
(385786.4, 3774176.0,	87.0,	87.0,	0.0);	(
385806.3, 3774189.9,	87.0,	87.0,	0.0);	(
(385826.3, 3774203.9,	87.0,	87.0,	0.0);	(
385846.2, 3774217.9,	87.0,	87.0,	0.0);	(
(385874.8, 3774215.2,	87.0,	87.0,	0.0);	(
385890.7, 3774193.1,	87.0,	87.0,	0.0);	(
(385906.2, 3774162.0,	87.0,	87.0,	0.0);	(
385896.9, 3774129.5,	87.0,	87.0,	0.0);	(
(385876.2, 3774116.8,	87.0,	87.0,	0.0);	(
385855.4, 3774104.1,	87.0,	87.0,	0.0);	(
(385834.6, 3774091.4,	87.0,	87.0,	0.0);	(
385813.8, 3774078.7,	87.0,	87.0,	0.0);	(
(385793.1, 3774065.9,	87.0,	87.0,	0.0);	(
385772.3, 3774053.2,	87.0,	87.0,	0.0);	(
(385751.5, 3774040.5,	87.0,	87.0,	0.0);	(
385730.8, 3774027.8,	87.0,	87.0,	0.0);	(
(385710.0, 3774015.1,	87.0,	87.0,	0.0);	(
385689.2, 3774002.4,	87.0,	87.0,	0.0);	(
(385717.8, 3773966.1,	87.0,	87.0,	0.0);	(
385731.8, 3773946.3,	87.0,	87.0,	0.0);	(
(385745.8, 3773926.6,	87.0,	87.0,	0.0);	(
385759.8, 3773906.8,	87.0,	87.0,	0.0);	(
(385773.7, 3773887.0,	87.0,	87.0,	0.0);	(
385787.7, 3773867.3,	87.0,	87.0,	0.0);	(
(385801.7, 3773847.5,	87.0,	87.0,	0.0);	(
385815.7, 3773827.7,	87.0,	87.0,	0.0);	(
(385829.7, 3773808.0,	87.0,	87.0,	0.0);	(
385843.7, 3773788.2,	87.0,	87.0,	0.0);	(
(385857.6, 3773768.4,	87.0,	87.0,	0.0);	(
385871.6, 3773748.7,	87.0,	87.0,	0.0);	(
(385885.6, 3773728.9,	87.0,	87.0,	0.0);	(
385899.6, 3773709.1,	87.0,	87.0,	0.0);	(
(385913.6, 3773689.4,	87.0,	87.0,	0.0);	(
385927.6, 3773669.6,	87.0,	87.0,	0.0);	(
(385941.6, 3773649.8,	87.0,	87.0,	0.0);	(
385955.6, 3773630.1,	87.0,	87.0,	0.0);	(
(385969.5, 3773610.3,	87.0,	87.0,	0.0);	(
385983.5, 3773590.5,	87.0,	87.0,	0.0);	(

(385997.5, 3773570.8,	87.0,	87.0,	0.0);	(
386011.5, 3773551.0,	87.0,	87.0,	0.0);	
(386025.5, 3773531.2,	87.0,	87.0,	0.0);	(
385991.2, 3773537.6,	87.0,	87.0,	0.0);	
(386031.9, 3773564.7,	87.0,	87.0,	0.0);	(
386052.2, 3773578.3,	87.0,	87.0,	0.0);	
(386072.6, 3773591.8,	87.0,	87.0,	0.0);	(
386092.9, 3773605.4,	87.0,	87.0,	0.0);	
(386113.3, 3773619.0,	87.0,	87.0,	0.0);	(
386133.6, 3773632.5,	87.0,	87.0,	0.0);	
(386154.0, 3773646.1,	87.0,	87.0,	0.0);	(
386174.3, 3773659.7,	87.0,	87.0,	0.0);	
(386194.6, 3773673.2,	87.0,	87.0,	0.0);	(
386215.0, 3773686.8,	87.0,	87.0,	0.0);	
(386249.0, 3773680.8,	87.0,	87.0,	0.0);	(
386274.7, 3773645.8,	87.0,	87.0,	0.0);	
(386300.3, 3773610.8,	87.0,	87.0,	0.0);	(
386293.1, 3773574.7,	87.0,	87.0,	0.0);	
(386273.0, 3773562.5,	87.0,	87.0,	0.0);	(
386253.0, 3773550.4,	87.0,	87.0,	0.0);	
(386232.9, 3773538.3,	87.0,	87.0,	0.0);	(
386212.9, 3773526.2,	87.0,	87.0,	0.0);	
(386192.8, 3773514.0,	87.0,	87.0,	0.0);	(
386172.8, 3773501.9,	87.0,	87.0,	0.0);	
(386152.8, 3773489.8,	87.0,	87.0,	0.0);	(
386132.7, 3773477.7,	87.0,	87.0,	0.0);	
(386112.7, 3773465.6,	87.0,	87.0,	0.0);	(
386151.5, 3773448.2,	87.0,	87.0,	0.0);	
(386170.1, 3773432.9,	87.0,	87.0,	0.0);	(
386188.8, 3773417.6,	87.0,	87.0,	0.0);	
(386207.4, 3773402.2,	87.0,	87.0,	0.0);	(
386226.1, 3773386.9,	87.0,	87.0,	0.0);	
(386263.4, 3773369.0,	87.0,	87.0,	0.0);	(
386284.3, 3773358.5,	87.0,	87.0,	0.0);	
(386305.3, 3773348.0,	87.0,	87.0,	0.0);	(
386325.8, 3773337.8,	87.0,	87.0,	0.0);	
(386346.3, 3773327.5,	87.0,	87.0,	0.0);	(
386366.8, 3773317.2,	87.0,	87.0,	0.0);	
(386387.4, 3773307.0,	87.0,	87.0,	0.0);	(
386407.9, 3773296.7,	87.0,	87.0,	0.0);	
(386428.4, 3773286.5,	87.0,	87.0,	0.0);	(
386448.9, 3773276.2,	87.0,	87.0,	0.0);	
(386469.4, 3773265.9,	87.0,	87.0,	0.0);	(
386489.9, 3773255.7,	87.0,	87.0,	0.0);	
(386510.5, 3773245.4,	87.0,	87.0,	0.0);	(
386534.4, 3773225.6,	87.0,	87.0,	0.0);	
(386553.0, 3773209.3,	87.0,	87.0,	0.0);	(
386571.7, 3773192.9,	87.0,	87.0,	0.0);	
(386590.3, 3773176.6,	87.0,	87.0,	0.0);	(
386609.0, 3773160.3,	87.0,	87.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(386627.6, 3773144.0,	87.0,	87.0,	0.0);	(
386644.1, 3773121.6,	87.0,	87.0,	0.0);	(
(386669.0, 3773085.8,	87.0,	87.0,	0.0);	(
386693.8, 3773050.1,	87.0,	87.0,	0.0);	(
(386718.8, 3773014.3,	87.0,	87.0,	0.0);	(
386744.2, 3772978.4,	87.0,	87.0,	0.0);	(
(386769.5, 3772942.4,	87.0,	87.0,	0.0);	(
386794.8, 3772906.5,	87.0,	87.0,	0.0);	(
(386807.0, 3772883.9,	87.0,	87.0,	0.0);	(
386828.4, 3772843.9,	87.0,	87.0,	0.0);	(
(386839.0, 3772823.9,	87.0,	87.0,	0.0);	(
386849.7, 3772803.9,	87.0,	87.0,	0.0);	(
(386860.3, 3772784.0,	87.0,	87.0,	0.0);	(
386871.0, 3772764.0,	87.0,	87.0,	0.0);	(
(386880.3, 3772737.8,	87.0,	87.0,	0.0);	(
386888.1, 3772715.3,	87.0,	87.0,	0.0);	(
(386895.9, 3772692.8,	87.0,	87.0,	0.0);	(
386903.6, 3772670.2,	87.0,	87.0,	0.0);	(
(386911.4, 3772647.7,	87.0,	87.0,	0.0);	(
386919.2, 3772625.1,	87.0,	87.0,	0.0);	(
(386924.2, 3772597.9,	87.0,	87.0,	0.0);	(
386928.2, 3772574.6,	87.0,	87.0,	0.0);	(
(386932.2, 3772551.3,	87.0,	87.0,	0.0);	(
386936.2, 3772528.0,	87.0,	87.0,	0.0);	(
(386940.2, 3772504.7,	87.0,	87.0,	0.0);	(
386944.2, 3772481.4,	87.0,	87.0,	0.0);	(
(386948.2, 3772458.0,	87.0,	87.0,	0.0);	(
386946.9, 3772428.1,	87.0,	87.0,	0.0);	(
(386945.4, 3772404.0,	87.0,	87.0,	0.0);	(
386943.8, 3772380.0,	87.0,	87.0,	0.0);	(
(386942.2, 3772355.9,	87.0,	87.0,	0.0);	(
386940.7, 3772331.8,	87.0,	87.0,	0.0);	(
(386939.1, 3772307.7,	87.0,	87.0,	0.0);	(
386935.6, 3772283.6,	87.0,	87.0,	0.0);	(
(386928.9, 3772239.6,	87.0,	87.0,	0.0);	(
386922.3, 3772195.7,	87.0,	87.0,	0.0);	(
(386915.6, 3772151.7,	87.0,	87.0,	0.0);	(
386907.7, 3772126.0,	87.0,	87.0,	0.0);	(
(386900.7, 3772104.3,	87.0,	87.0,	0.0);	(
386893.7, 3772082.5,	87.0,	87.0,	0.0);	(

(386886.7, 3772060.8,	87.0,	87.0,	0.0);	(
386879.7, 3772039.0,	87.0,	87.0,	0.0);	
(386872.7, 3772017.3,	87.0,	87.0,	0.0);	(
386872.6, 3771975.6,	87.0,	87.0,	0.0);	
(386871.9, 3771951.3,	87.0,	87.0,	0.0);	(
386871.2, 3771927.0,	87.0,	87.0,	0.0);	
(386870.6, 3771902.7,	87.0,	87.0,	0.0);	(
386869.9, 3771878.4,	87.0,	87.0,	0.0);	
(386869.3, 3771854.1,	87.0,	87.0,	0.0);	(
386868.6, 3771829.8,	87.0,	87.0,	0.0);	
(386867.9, 3771805.4,	87.0,	87.0,	0.0);	(
386867.3, 3771781.1,	87.0,	87.0,	0.0);	
(386866.6, 3771756.8,	87.0,	87.0,	0.0);	(
386865.9, 3771732.5,	87.0,	87.0,	0.0);	
(386865.3, 3771708.2,	87.0,	87.0,	0.0);	(
386864.6, 3771683.9,	87.0,	87.0,	0.0);	
(386853.0, 3771663.5,	87.0,	87.0,	0.0);	(
386818.8, 3771641.7,	87.0,	87.0,	0.0);	
(386783.4, 3771628.3,	87.0,	87.0,	0.0);	(
386761.3, 3771638.9,	87.0,	87.0,	0.0);	
(386744.7, 3771665.1,	87.0,	87.0,	0.0);	(
386743.9, 3771689.2,	87.0,	87.0,	0.0);	
(386743.0, 3771713.3,	87.0,	87.0,	0.0);	(
386742.2, 3771737.5,	87.0,	87.0,	0.0);	
(386741.4, 3771761.6,	87.0,	87.0,	0.0);	(
386740.6, 3771785.8,	87.0,	87.0,	0.0);	
(386739.8, 3771809.9,	87.0,	87.0,	0.0);	(
386738.9, 3771834.0,	87.0,	87.0,	0.0);	
(386738.1, 3771858.1,	87.0,	87.0,	0.0);	(
386737.3, 3771882.3,	87.0,	87.0,	0.0);	
(386736.5, 3771906.4,	87.0,	87.0,	0.0);	(
386735.6, 3771930.5,	87.0,	87.0,	0.0);	
(386734.8, 3771954.7,	87.0,	87.0,	0.0);	(
386734.0, 3771978.8,	87.0,	87.0,	0.0);	
(386733.2, 3772002.9,	87.0,	87.0,	0.0);	(
386732.3, 3772027.1,	87.0,	87.0,	0.0);	
(386731.5, 3772051.2,	87.0,	87.0,	0.0);	(
386730.7, 3772075.3,	87.0,	87.0,	0.0);	
(386728.2, 3772098.2,	87.0,	87.0,	0.0);	(
386725.6, 3772122.8,	87.0,	87.0,	0.0);	
(386723.0, 3772147.4,	87.0,	87.0,	0.0);	(
386720.5, 3772172.0,	87.0,	87.0,	0.0);	
(386717.9, 3772196.6,	87.0,	87.0,	0.0);	(
386715.3, 3772221.2,	87.0,	87.0,	0.0);	
(386712.7, 3772245.8,	87.0,	87.0,	0.0);	(
386710.1, 3772270.4,	87.0,	87.0,	0.0);	
(386707.5, 3772295.0,	87.0,	87.0,	0.0);	(
386704.9, 3772319.6,	87.0,	87.0,	0.0);	
(386702.3, 3772344.2,	87.0,	87.0,	0.0);	(
386699.7, 3772368.8,	87.0,	87.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(386697.1, 3772393.5,	87.0,	87.0,	0.0);	(
386694.6, 3772418.1,	87.0,	87.0,	0.0);	(
(386692.0, 3772442.7,	87.0,	87.0,	0.0);	(
386689.4, 3772467.3,	87.0,	87.0,	0.0);	(
(386686.8, 3772491.9,	87.0,	87.0,	0.0);	(
386684.2, 3772516.5,	87.0,	87.0,	0.0);	(
(386676.0, 3772562.3,	87.0,	87.0,	0.0);	(
386671.8, 3772586.1,	87.0,	87.0,	0.0);	(
(386667.7, 3772609.9,	87.0,	87.0,	0.0);	(
386663.5, 3772633.6,	87.0,	87.0,	0.0);	(
(386659.3, 3772657.4,	87.0,	87.0,	0.0);	(
386655.1, 3772681.2,	87.0,	87.0,	0.0);	(
(386650.9, 3772705.0,	87.0,	87.0,	0.0);	(
386646.7, 3772728.8,	87.0,	87.0,	0.0);	(
(386642.5, 3772752.5,	87.0,	87.0,	0.0);	(
386625.7, 3772787.5,	87.0,	87.0,	0.0);	(
(386616.4, 3772808.1,	87.0,	87.0,	0.0);	(
386607.0, 3772828.6,	87.0,	87.0,	0.0);	(
(386597.7, 3772849.1,	87.0,	87.0,	0.0);	(
386574.8, 3772882.9,	87.0,	87.0,	0.0);	(
(386562.4, 3772901.5,	87.0,	87.0,	0.0);	(
386549.4, 3772922.0,	87.0,	87.0,	0.0);	(
(386536.8, 3772942.0,	87.0,	87.0,	0.0);	(
386524.1, 3772961.9,	87.0,	87.0,	0.0);	(
(386511.5, 3772981.9,	87.0,	87.0,	0.0);	(
386498.8, 3773001.9,	87.0,	87.0,	0.0);	(
(386486.1, 3773021.9,	87.0,	87.0,	0.0);	(
386473.5, 3773041.9,	87.0,	87.0,	0.0);	(
(386447.3, 3773073.6,	87.0,	87.0,	0.0);	(
386419.3, 3773107.8,	87.0,	87.0,	0.0);	(
(386391.3, 3773142.0,	87.0,	87.0,	0.0);	(
386359.8, 3773161.1,	87.0,	87.0,	0.0);	(
(386322.5, 3773185.3,	87.0,	87.0,	0.0);	(
386286.2, 3773207.0,	87.0,	87.0,	0.0);	(
(386247.8, 3773227.9,	87.0,	87.0,	0.0);	(
386209.3, 3773248.9,	87.0,	87.0,	0.0);	(
(386170.8, 3773269.9,	87.0,	87.0,	0.0);	(
386139.8, 3773279.8,	87.0,	87.0,	0.0);	(
(386097.9, 3773284.5,	87.0,	87.0,	0.0);	(
386055.9, 3773289.1,	87.0,	87.0,	0.0);	(

(386031.7, 3773292.1,	87.0,	87.0,	0.0);	(
386008.3, 3773297.9,	87.0,	87.0,	0.0);	
(385985.0, 3773303.7,	87.0,	87.0,	0.0);	(
385961.7, 3773309.5,	87.0,	87.0,	0.0);	
(385938.4, 3773315.4,	87.0,	87.0,	0.0);	(
385915.1, 3773330.8,	87.0,	87.0,	0.0);	
(385887.2, 3773352.5,	87.0,	87.0,	0.0);	(
385871.6, 3773388.4,	87.0,	87.0,	0.0);	
(385864.6, 3773411.7,	87.0,	87.0,	0.0);	(
385872.7, 3773438.2,	87.0,	87.0,	0.0);	
(385906.9, 3773466.2,	87.0,	87.0,	0.0);	(
385919.1, 3773446.8,	87.0,	87.0,	0.0);	
(385891.9, 3773486.8,	87.0,	87.0,	0.0);	(
385878.3, 3773506.8,	87.0,	87.0,	0.0);	
(385864.7, 3773526.8,	87.0,	87.0,	0.0);	(
385851.1, 3773546.8,	87.0,	87.0,	0.0);	
(385837.5, 3773566.8,	87.0,	87.0,	0.0);	(
385824.0, 3773586.9,	87.0,	87.0,	0.0);	
(385810.3, 3773606.9,	87.0,	87.0,	0.0);	(
385796.8, 3773626.9,	87.0,	87.0,	0.0);	
(385783.1, 3773646.9,	87.0,	87.0,	0.0);	(
385769.6, 3773666.9,	87.0,	87.0,	0.0);	
(385756.0, 3773686.9,	87.0,	87.0,	0.0);	(
385742.4, 3773706.9,	87.0,	87.0,	0.0);	
(385728.8, 3773726.9,	87.0,	87.0,	0.0);	(
385715.2, 3773746.9,	87.0,	87.0,	0.0);	
(385701.6, 3773766.9,	87.0,	87.0,	0.0);	(
385688.0, 3773786.9,	87.0,	87.0,	0.0);	
(385674.4, 3773806.9,	87.0,	87.0,	0.0);	(
385660.8, 3773827.0,	87.0,	87.0,	0.0);	
(385647.2, 3773847.0,	87.0,	87.0,	0.0);	(
385633.6, 3773867.0,	87.0,	87.0,	0.0);	
(385620.0, 3773887.0,	87.0,	87.0,	0.0);	(
385606.4, 3773907.0,	87.0,	87.0,	0.0);	
(385592.8, 3773927.0,	87.0,	87.0,	0.0);	(
385581.3, 3773951.9,	87.0,	87.0,	0.0);	
(385572.0, 3773972.9,	87.0,	87.0,	0.0);	(
385553.8, 3774009.1,	87.0,	87.0,	0.0);	
(385543.1, 3774031.2,	87.0,	87.0,	0.0);	(
385535.4, 3774054.8,	87.0,	87.0,	0.0);	
(385527.7, 3774078.4,	87.0,	87.0,	0.0);	(
385520.0, 3774102.0,	87.0,	87.0,	0.0);	
(385512.3, 3774125.5,	87.0,	87.0,	0.0);	(
385504.7, 3774149.1,	87.0,	87.0,	0.0);	
(385497.0, 3774172.7,	87.0,	87.0,	0.0);	(
385489.3, 3774196.3,	87.0,	87.0,	0.0);	
(385481.6, 3774219.9,	87.0,	87.0,	0.0);	(
385474.0, 3774243.5,	87.0,	87.0,	0.0);	
(385466.3, 3774267.1,	87.0,	87.0,	0.0);	(
385458.6, 3774290.6,	87.0,	87.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(385450.9, 3774314.2,	87.0,	87.0,	0.0);	(
385443.2, 3774337.8,	87.0,	87.0,	0.0);	(
(385435.6, 3774361.4,	87.0,	87.0,	0.0);	(
385427.9, 3774385.0,	87.0,	87.0,	0.0);	(
(385420.2, 3774408.6,	87.0,	87.0,	0.0);	(
385412.5, 3774432.2,	87.0,	87.0,	0.0);	(
(385398.0, 3774470.2,	87.0,	87.0,	0.0);	(
385383.1, 3774509.3,	87.0,	87.0,	0.0);	(
(385366.4, 3774543.6,	87.0,	87.0,	0.0);	(
385344.0, 3774580.9,	87.0,	87.0,	0.0);	(
(385321.6, 3774618.2,	87.0,	87.0,	0.0);	(
385295.1, 3774653.3,	87.0,	87.0,	0.0);	(
(385281.1, 3774672.0,	87.0,	87.0,	0.0);	(
385267.1, 3774690.6,	87.0,	87.0,	0.0);	(
(385253.1, 3774709.3,	87.0,	87.0,	0.0);	(
385239.1, 3774727.9,	87.0,	87.0,	0.0);	(
(385211.6, 3774762.3,	87.0,	87.0,	0.0);	(
385183.7, 3774797.2,	87.0,	87.0,	0.0);	(
(385168.8, 3774816.0,	87.0,	87.0,	0.0);	(
385154.1, 3774834.6,	87.0,	87.0,	0.0);	(
(385139.3, 3774853.3,	87.0,	87.0,	0.0);	(
385124.5, 3774871.9,	87.0,	87.0,	0.0);	(
(385109.8, 3774890.6,	87.0,	87.0,	0.0);	(
385095.0, 3774909.2,	87.0,	87.0,	0.0);	(
(385081.0, 3774932.5,	87.0,	87.0,	0.0);	(
385068.8, 3774953.1,	87.0,	87.0,	0.0);	(
(385056.7, 3774973.6,	87.0,	87.0,	0.0);	(
385044.6, 3774994.1,	87.0,	87.0,	0.0);	(
(385032.5, 3775014.6,	87.0,	87.0,	0.0);	(
385023.1, 3775041.0,	87.0,	87.0,	0.0);	(
(385015.9, 3775062.6,	87.0,	87.0,	0.0);	(
385008.7, 3775084.3,	87.0,	87.0,	0.0);	(
(385001.5, 3775105.9,	87.0,	87.0,	0.0);	(
384994.3, 3775127.5,	87.0,	87.0,	0.0);	(
(384987.1, 3775149.1,	87.0,	87.0,	0.0);	(
384979.8, 3775170.7,	87.0,	87.0,	0.0);	(
(384972.6, 3775192.3,	87.0,	87.0,	0.0);	(
384965.4, 3775213.9,	87.0,	87.0,	0.0);	(
(384958.2, 3775235.6,	87.0,	87.0,	0.0);	(
384951.0, 3775257.2,	87.0,	87.0,	0.0);	(

(384963.0, 3775287.1,	87.0,	87.0,	0.0);	(
384998.0, 3775305.8,	87.0,	87.0,	0.0);	
(385032.9, 3775324.4,	87.0,	87.0,	0.0);	(
385068.1, 3775311.0,	87.0,	87.0,	0.0);	
(385076.3, 3775288.9,	87.0,	87.0,	0.0);	(
385084.5, 3775266.7,	87.0,	87.0,	0.0);	
(385092.6, 3775244.6,	87.0,	87.0,	0.0);	(
385100.8, 3775222.4,	87.0,	87.0,	0.0);	
(385108.9, 3775200.3,	87.0,	87.0,	0.0);	(
385117.1, 3775178.2,	87.0,	87.0,	0.0);	
(385125.2, 3775156.0,	87.0,	87.0,	0.0);	(
384974.8, 3775265.1,	87.0,	87.0,	0.0);	
(385054.0, 3775027.3,	87.0,	87.0,	0.0);	(
385114.6, 3774924.8,	87.0,	87.0,	0.0);	
(385203.2, 3774812.9,	87.0,	87.0,	0.0);	(
385259.1, 3774742.9,	87.0,	87.0,	0.0);	
(385343.1, 3774631.0,	87.0,	87.0,	0.0);	(
385399.0, 3774537.8,	87.0,	87.0,	0.0);	
(385436.3, 3774439.9,	87.0,	87.0,	0.0);	(
385566.8, 3774038.9,	87.0,	87.0,	0.0);	
(385594.8, 3773983.0,	87.0,	87.0,	0.0);	(
385613.5, 3773941.0,	87.0,	87.0,	0.0);	
(385939.8, 3773460.8,	87.0,	87.0,	0.0);	(
385888.5, 3773418.9,	87.0,	87.0,	0.0);	
(385902.5, 3773372.3,	87.0,	87.0,	0.0);	(
385944.5, 3773339.6,	87.0,	87.0,	0.0);	
(386037.7, 3773316.3,	87.0,	87.0,	0.0);	(
386163.6, 3773302.3,	87.0,	87.0,	0.0);	
(386317.4, 3773218.4,	87.0,	87.0,	0.0);	(
386410.7, 3773157.8,	87.0,	87.0,	0.0);	
(386494.6, 3773055.2,	87.0,	87.0,	0.0);	(
386583.2, 3772915.4,	87.0,	87.0,	0.0);	
(386620.5, 3772859.4,	87.0,	87.0,	0.0);	(
386667.1, 3772756.9,	87.0,	87.0,	0.0);	
(386709.1, 3772519.1,	87.0,	87.0,	0.0);	(
386755.7, 3772076.2,	87.0,	87.0,	0.0);	
(386769.7, 3771665.9,	87.0,	87.0,	0.0);	(
386779.0, 3771656.6,	87.0,	87.0,	0.0);	
(386788.3, 3771651.9,	87.0,	87.0,	0.0);	(
386839.6, 3771684.6,	87.0,	87.0,	0.0);	
(386848.9, 3772024.9,	87.0,	87.0,	0.0);	(
386890.9, 3772155.4,	87.0,	87.0,	0.0);	
(386914.2, 3772309.3,	87.0,	87.0,	0.0);	(
386923.5, 3772453.8,	87.0,	87.0,	0.0);	
(386895.5, 3772617.0,	87.0,	87.0,	0.0);	(
386848.9, 3772752.2,	87.0,	87.0,	0.0);	
(386774.3, 3772892.1,	87.0,	87.0,	0.0);	(
386685.8, 3773017.9,	87.0,	87.0,	0.0);	
(386611.2, 3773125.2,	87.0,	87.0,	0.0);	(
386499.3, 3773223.1,	87.0,	87.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(386294.1, 3773325.6,	87.0,	87.0,	0.0);	(
386210.2, 3773367.6,	87.0,	87.0,	0.0);	(
(386079.7, 3773474.8,	87.0,	87.0,	0.0);	(
386280.1, 3773596.0,	87.0,	87.0,	0.0);	(
(386228.9, 3773666.0,	87.0,	87.0,	0.0);	(
386005.1, 3773516.8,	87.0,	87.0,	0.0);	(
(385655.4, 3774011.0,	87.0,	87.0,	0.0);	(
385883.9, 3774150.8,	87.0,	87.0,	0.0);	(
(385860.6, 3774197.5,	87.0,	87.0,	0.0);	(
385641.4, 3774043.6,	87.0,	87.0,	0.0);	(
(385496.9, 3774486.5,	87.0,	87.0,	0.0);	(
385417.6, 3774649.7,	87.0,	87.0,	0.0);	(
(385310.4, 3774766.2,	87.0,	87.0,	0.0);	(
385361.7, 3774812.9,	87.0,	87.0,	0.0);	(
(385277.8, 3774924.8,	87.0,	87.0,	0.0);	(
385399.0, 3774990.0,	87.0,	87.0,	0.0);	(
(385380.4, 3775032.0,	87.0,	87.0,	0.0);	(
385273.1, 3774943.4,	87.0,	87.0,	0.0);	(
(385231.2, 3774948.1,	87.0,	87.0,	0.0);	(
385207.9, 3774938.7,	87.0,	87.0,	0.0);	(
(385147.2, 3775027.3,	87.0,	87.0,	0.0);	(
385110.0, 3775125.2,	87.0,	87.0,	0.0);	(
(385044.7, 3775302.4,	87.0,	87.0,	0.0);	(

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF

METEOROLOGICAL DATA ***

Surface file: CELA_v9.SFC
 Met Version: 16216
 Profile file: CELA_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 93134
 3190

Upper air station no.:

UNKNOWN Name: UNKNOWN

Name:

UNKNOWN

Year: 2010

Year:

2010

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					
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	01	01	1	01	-33.0	0.331	-9.000	-9.000	-999.	456.	120.2	0.56	
0.86	1.00			3.10	38.	21.3	284.9	17.7					
10	01	01	1	02	-26.9	0.285	-9.000	-9.000	-999.	367.	89.6	0.56	
0.86	1.00			2.70	38.	21.3	284.2	17.7					
10	01	01	1	03	-38.6	0.387	-9.000	-9.000	-999.	577.	164.6	0.56	
0.86	1.00			3.60	35.	21.3	284.2	17.7					
10	01	01	1	04	-33.0	0.331	-9.000	-9.000	-999.	458.	120.2	0.56	
0.86	1.00			3.10	34.	21.3	283.8	17.7					
10	01	01	1	05	-33.1	0.331	-9.000	-9.000	-999.	456.	120.2	0.56	
0.86	1.00			3.10	37.	21.3	283.1	17.7					
10	01	01	1	06	-38.7	0.387	-9.000	-9.000	-999.	577.	164.5	0.56	
0.86	1.00			3.60	24.	21.3	283.1	17.7					
10	01	01	1	07	-38.6	0.387	-9.000	-9.000	-999.	577.	164.5	0.56	
0.86	1.00			3.60	35.	21.3	283.8	17.7					
10	01	01	1	08	-29.6	0.435	-9.000	-9.000	-999.	688.	251.8	0.56	
0.86	0.55			4.00	35.	21.3	283.8	17.7					
10	01	01	1	09	30.0	0.426	0.367	0.008	59.	666.	-232.0	0.56	
0.86	0.32			3.60	38.	21.3	286.4	17.7					
10	01	01	1	10	72.3	0.359	0.629	0.008	124.	519.	-57.8	0.56	
0.86	0.24			2.70	34.	21.3	290.4	17.7					
10	01	01	1	11	104.4	0.321	0.998	0.008	344.	437.	-28.6	0.56	
0.86	0.21			2.20	43.	21.3	292.5	17.7					
10	01	01	1	12	115.1	0.283	1.156	0.008	484.	363.	-17.9	0.56	
0.86	0.20			1.80	62.	21.3	295.9	17.7					
10	01	01	1	13	91.4	0.406	1.130	0.008	568.	622.	-66.2	0.56	
0.86	0.20			3.10	263.	21.3	294.2	17.7					

10	01	01	1	14	89.3	0.316	1.168	0.008	642.	432.	-31.9	0.56
0.86	0.21			2.20	259.	21.3	294.9	17.7				
10	01	01	1	15	42.6	0.295	0.928	0.008	675.	384.	-54.0	0.56
0.86	0.25			2.20	267.	21.3	294.9	17.7				
10	01	01	1	16	12.0	0.359	0.609	0.008	680.	516.	-347.9	0.56
0.86	0.33			3.10	264.	21.3	292.5	17.7				
10	01	01	1	17	-15.7	0.231	-9.000	-9.000	-999.	276.	70.7	0.56
0.86	0.60			2.20	288.	21.3	290.9	17.7				
10	01	01	1	18	-6.1	0.135	-9.000	-9.000	-999.	124.	36.7	0.56
0.86	1.00			1.30	344.	21.3	289.2	17.7				
10	01	01	1	19	-11.4	0.184	-9.000	-9.000	-999.	190.	49.2	0.56
0.86	1.00			1.80	2.	21.3	288.8	17.7				
10	01	01	1	20	-17.4	0.229	-9.000	-9.000	-999.	263.	62.1	0.56
0.86	1.00			2.20	22.	21.3	288.1	17.7				
10	01	01	1	21	-17.4	0.229	-9.000	-9.000	-999.	263.	61.9	0.56
0.86	1.00			2.20	40.	21.3	287.0	17.7				
10	01	01	1	22	-11.5	0.184	-9.000	-9.000	-999.	190.	49.1	0.56
0.86	1.00			1.80	306.	21.3	287.0	17.7				
10	01	01	1	23	-11.5	0.184	-9.000	-9.000	-999.	190.	49.0	0.56
0.86	1.00			1.80	45.	21.3	286.4	17.7				
10	01	01	1	24	-11.5	0.184	-9.000	-9.000	-999.	190.	49.0	0.56
0.86	1.00			1.80	67.	21.3	286.4	17.7				

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	17.7	0	-999.	-99.00	284.9	99.0	-99.00	-99.00
10	01	01	01	21.3	1	38.	3.10	-999.0	99.0	-99.00	-99.00

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

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10 IN
			**
X-COORD (M)	Y-COORD (M)	CONC	X-
385129.73	3775148.85	0.04421	
385367.69	3775343.57	0.00455	
385765.30	3774513.97	0.00663	
385676.95	3774142.54	0.02248	
385933.84	3774427.25	0.00522	
385794.20	3773804.02	0.07840	
386496.12	3773322.80	0.01452	
386250.61	3773133.44	0.02256	
386315.91	3773091.00	0.02015	
386389.04	3773030.93	0.02023	
386806.27	3772855.29	0.01695	
386848.06	3772771.06	0.01587	
386869.61	3772716.21	0.01529	
386559.46	3772786.73	0.02422	
386605.16	3772641.12	0.02544	
386636.50	3772407.36	0.02717	
386629.32	3772467.44	0.02653	
386644.99	3772285.26	0.02742	
386504.61	3772411.28	0.01346	
386475.23	3772552.32	0.01318	
386311.99	3772880.10	0.01202	
387055.70	3772326.40	0.00587	
387437.67	3772515.10	0.00178	
387158.87	3772861.16	0.00352	
386983.22	3773114.51	0.00474	
386915.41	3771905.68	0.01405	
386011.02	3773580.32	0.08370	
385133.31	3775134.13	0.04635	
385148.23	3775094.97	0.04691	
385163.15	3775055.80	0.04836	

	385180.00	3775023.72	0.04686
385204.25	3774988.29	0.04151	
	385228.49	3774952.86	0.03757
385198.57	3774961.95	0.06185	
	385254.92	3774970.58	0.02358
385292.95	3774992.20	0.01518	
	385310.82	3775006.96	0.01278
385328.69	3775021.73	0.01102	
	385346.57	3775036.49	0.00968
385364.44	3775051.25	0.00862	
	385403.20	3775042.14	0.00755
385412.53	3775021.16	0.00762	
	385421.85	3775000.19	0.00771
385410.86	3774968.02	0.00865	
	385390.66	3774957.14	0.00967
385370.46	3774946.26	0.01096	
	385350.25	3774935.38	0.01264
385330.05	3774924.50	0.01492	
	385309.85	3774913.63	0.01819
385339.75	3774883.82	0.01667	
	385353.74	3774865.17	0.01648
385367.72	3774846.52	0.01639	
	385381.71	3774827.87	0.01645
385378.53	3774794.37	0.02083	
	385361.44	3774778.83	0.02794
385344.34	3774763.29	0.04208	
	385374.78	3774733.22	0.04172
385390.10	3774716.57	0.04002	
	385405.41	3774699.92	0.03722
385420.73	3774683.27	0.03460	
	385436.05	3774666.62	0.03223
385450.04	3774640.22	0.03341	
	385459.95	3774619.82	0.03424
385469.86	3774599.42	0.03471	
	385479.77	3774579.03	0.03497
385489.67	3774558.63	0.03479	
	385499.58	3774538.24	0.03487
385509.49	3774517.84	0.03533	
	385519.40	3774497.44	0.03599
385528.28	3774470.96	0.03890	
	385535.89	3774447.65	0.04067
385543.50	3774424.34	0.04116	
	385551.10	3774401.03	0.04084
385558.71	3774377.72	0.04048	
	385566.32	3774354.41	0.04031
385573.92	3774331.10	0.04021	
	385581.53	3774307.79	0.04000
385589.14	3774284.48	0.03971	
	385596.75	3774261.16	0.03940
385604.35	3774237.85	0.03905	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
385611.96	3774214.54	0.03872		
385619.57	3774191.23	0.03842		
385627.17	3774167.92	0.03815		
385634.78	3774144.61	0.03800		
385642.39	3774121.30	0.03819		
385649.99	3774097.99	0.03913		
385657.60	3774074.68	0.04103		
385686.83	3774106.03	0.02389		
385706.75	3774120.02	0.01910		
385726.67	3774134.00	0.01589		
385746.59	3774147.99	0.01364		
385766.51	3774161.97	0.01201		
385786.43	3774175.96	0.01074		
385806.35	3774189.95	0.00969		
385826.27	3774203.93	0.00885		
385846.19	3774217.92	0.00817		
385874.80	3774215.17	0.00764		
385890.69	3774193.10	0.00764		
385906.23	3774162.02	0.00779		
385896.92	3774129.52	0.00841		
385876.16	3774116.80	0.00906		
385855.39	3774104.09	0.00986		
385834.62	3774091.37	0.01088		
385813.85	3774078.66	0.01219		
385793.08	3774065.95	0.01391		
385772.31	3774053.23	0.01627		
385751.55	3774040.52	0.01955		
385730.78	3774027.80	0.02430		
385710.01	3774015.09	0.03173		
385689.24	3774002.37	0.04634		

	385717.79	3773966.12	0.04184
385731.77	3773946.35	0.04125	
	385745.76	3773926.58	0.04074
385759.75	3773906.81	0.03974	
	385773.73	3773887.05	0.03897
385787.72	3773867.28	0.03848	
	385801.71	3773847.51	0.03818
385815.69	3773827.74	0.03813	
	385829.68	3773807.98	0.03826
385843.67	3773788.21	0.03842	
	385857.65	3773768.44	0.03863
385871.64	3773748.67	0.03890	
	385885.62	3773728.91	0.03941
385899.61	3773709.14	0.04034	
	385913.60	3773689.37	0.04171
385927.58	3773669.60	0.04364	
	385941.57	3773649.84	0.04667
385955.56	3773630.07	0.05164	
	385969.54	3773610.30	0.05939
385983.53	3773590.53	0.07195	
	385997.52	3773570.76	0.09350
386011.50	3773551.00	0.13252	
	386025.49	3773531.23	0.20619
385991.21	3773537.59	0.16495	
	386031.90	3773564.72	0.10709
386052.24	3773578.28	0.08537	
	386072.59	3773591.84	0.06772
386092.93	3773605.40	0.05401	
	386113.27	3773618.97	0.04357
386133.62	3773632.53	0.03563	
	386153.96	3773646.09	0.02956
386174.31	3773659.66	0.02489	
	386194.65	3773673.22	0.02122
386214.99	3773686.78	0.01833	
	386249.02	3773680.77	0.01620
386274.66	3773645.80	0.01621	
	386300.31	3773610.84	0.01591
386293.09	3773574.66	0.01806	
	386273.04	3773562.54	0.02075
386252.99	3773550.41	0.02416	
	386232.94	3773538.29	0.02857
386212.90	3773526.17	0.03443	
	386192.85	3773514.05	0.04247
386172.80	3773501.93	0.05398	
	386152.76	3773489.81	0.07125
386132.71	3773477.69	0.09914	
	386112.66	3773465.57	0.14996
386151.49	3773448.20	0.07739	
	386170.14	3773432.88	0.06465
386188.79	3773417.57	0.05771	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
386207.44	3773402.25	0.05404		
386226.09	3773386.93	0.05279		
386263.36	3773368.99	0.04614		
386284.33	3773358.50	0.04359		
386305.31	3773348.01	0.04105		
386325.82	3773337.75	0.03848		
386346.34	3773327.50	0.03624		
386366.85	3773317.24	0.03430		
386387.37	3773306.98	0.03235		
386407.88	3773296.73	0.03039		
386428.39	3773286.47	0.02849		
386448.91	3773276.21	0.02633		
386469.42	3773265.95	0.02393		
386489.94	3773255.70	0.02171		
386510.45	3773245.44	0.01989		
386534.38	3773225.58	0.01894		
386553.03	3773209.26	0.01841		
386571.68	3773192.94	0.01797		
386590.33	3773176.63	0.01765		
386608.97	3773160.31	0.01740		
386627.62	3773143.99	0.01705		
386644.11	3773121.58	0.01735		
386668.98	3773085.84	0.01751		
386693.84	3773050.10	0.01706		
386718.85	3773014.35	0.01655		
386744.16	3772978.39	0.01631		
386769.47	3772942.42	0.01591		
386794.78	3772906.46	0.01529		
386807.05	3772883.86	0.01521		
386828.36	3772843.90	0.01495		

	386839.02	3772823.92	0.01472
386849.67	3772803.94	0.01442	
	386860.33	3772783.96	0.01405
386870.99	3772763.98	0.01365	
	386880.33	3772737.82	0.01351
386888.10	3772715.29	0.01333	
	386895.87	3772692.75	0.01304
386903.64	3772670.22	0.01262	
	386911.41	3772647.68	0.01208
386919.18	3772625.15	0.01150	
	386924.19	3772597.91	0.01115
386928.18	3772574.60	0.01089	
	386932.18	3772551.29	0.01070
386936.17	3772527.98	0.01060	
	386940.17	3772504.67	0.01059
386944.16	3772481.36	0.01059	
	386948.16	3772458.05	0.01057
386946.91	3772428.13	0.01093	
	386945.36	3772404.04	0.01126
386943.81	3772379.96	0.01155	
	386942.25	3772355.87	0.01181
386940.70	3772331.78	0.01207	
	386939.15	3772307.69	0.01233
386935.59	3772283.58	0.01279	
	386928.93	3772239.62	0.01365
386922.27	3772195.66	0.01457	
	386915.61	3772151.70	0.01583
386907.70	3772126.04	0.01744	
	386900.70	3772104.29	0.01875
386893.71	3772082.53	0.02032	
	386886.72	3772060.78	0.02229
386879.72	3772039.02	0.02481	
	386872.73	3772017.27	0.02777
386872.59	3771975.61	0.02696	
	386871.92	3771951.30	0.02689
386871.25	3771926.99	0.02731	
	386870.59	3771902.68	0.02762
386869.92	3771878.37	0.02705	
	386869.26	3771854.06	0.02603
386868.59	3771829.75	0.02432	
	386867.92	3771805.44	0.02254
386867.26	3771781.13	0.02040	
	386866.59	3771756.82	0.01777
386865.92	3771732.51	0.01490	
	386865.26	3771708.20	0.01177
386864.59	3771683.89	0.00908	
	386853.02	3771663.49	0.00860
386818.83	3771641.73	0.01245	
	386783.38	3771628.28	0.01350
386761.31	3771638.93	0.01760	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
386744.68	3771665.08	0.02339		
386743.86	3771689.21	0.02899		
386743.04	3771713.35	0.03298		
386742.22	3771737.48	0.03581		
386741.39	3771761.61	0.03806		
386740.57	3771785.75	0.03948		
386739.75	3771809.88	0.04059		
386738.92	3771834.01	0.04168		
386738.10	3771858.15	0.04348		
386737.28	3771882.28	0.04541		
386736.46	3771906.41	0.04618		
386735.63	3771930.55	0.04754		
386734.81	3771954.68	0.04995		
386733.99	3771978.81	0.05122		
386733.16	3772002.95	0.05244		
386732.34	3772027.08	0.05481		
386731.52	3772051.21	0.05648		
386730.69	3772075.35	0.05760		
386728.23	3772098.19	0.05632		
386725.64	3772122.79	0.05540		
386723.05	3772147.40	0.05299		
386720.46	3772172.01	0.05099		
386717.87	3772196.61	0.04936		
386715.28	3772221.22	0.04810		
386712.69	3772245.82	0.04745		
386710.10	3772270.43	0.04740		
386707.51	3772295.03	0.04783		
386704.92	3772319.64	0.04905		
386702.33	3772344.24	0.04974		
386699.74	3772368.85	0.05088		

	386697.15	3772393.46	0.05100
386694.56	3772418.06	0.05129	
	386691.97	3772442.67	0.05186
386689.38	3772467.27	0.05247	
	386686.79	3772491.88	0.05301
386684.20	3772516.48	0.05350	
	386676.05	3772562.31	0.05130
386671.85	3772586.09	0.05024	
	386667.66	3772609.86	0.04915
386663.46	3772633.64	0.04791	
	386659.26	3772657.42	0.04650
386655.07	3772681.19	0.04518	
	386650.87	3772704.97	0.04460
386646.68	3772728.75	0.04506	
	386642.48	3772752.53	0.04637
386625.69	3772787.55	0.04290	
	386616.37	3772808.07	0.04274
386607.04	3772828.58	0.04317	
	386597.72	3772849.10	0.04436
386574.82	3772882.87	0.04246	
	386562.39	3772901.51	0.04207
386549.41	3772921.98	0.04330	
	386536.76	3772941.96	0.04430
386524.10	3772961.94	0.04516	
	386511.45	3772981.92	0.04594
386498.79	3773001.90	0.04565	
	386486.14	3773021.88	0.04392
386473.48	3773041.86	0.04166	
	386447.28	3773073.60	0.03678
386419.31	3773107.79	0.03507	
	386391.34	3773141.98	0.03928
386359.77	3773161.09	0.03973	
	386322.47	3773185.34	0.04264
386286.24	3773206.96	0.04487	
	386247.77	3773227.94	0.04639
386209.31	3773248.92	0.04860	
	386170.85	3773269.90	0.05233
386139.85	3773279.82	0.05308	
	386097.90	3773284.48	0.05395
386055.94	3773289.14	0.06318	
	386031.66	3773292.07	0.07187
386008.34	3773297.89	0.08208	
	385985.03	3773303.72	0.08972
385961.72	3773309.55	0.09277	
	385938.41	3773315.38	0.09086
385915.13	3773330.78	0.09041	
	385887.17	3773352.54	0.08296
385871.58	3773388.39	0.07834	
	385864.58	3773411.70	0.07209
385872.70	3773438.24	0.07326	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
385906.88	3773466.21	0.09921		
385919.13	3773446.80	0.13614		
385891.94	3773486.81	0.07498		
385878.34	3773506.82	0.06481		
385864.74	3773526.83	0.06026		
385851.14	3773546.84	0.05912		
385837.55	3773566.85	0.05961		
385823.95	3773586.86	0.05983		
385810.35	3773606.86	0.05840		
385796.75	3773626.87	0.05700		
385783.15	3773646.88	0.05589		
385769.56	3773666.89	0.05530		
385755.96	3773686.90	0.05516		
385742.36	3773706.91	0.05526		
385728.76	3773726.91	0.05558		
385715.16	3773746.92	0.05588		
385701.57	3773766.93	0.05577		
385687.97	3773786.94	0.05460		
385674.37	3773806.95	0.05276		
385660.77	3773826.96	0.05268		
385647.17	3773846.96	0.05301		
385633.58	3773866.97	0.05342		
385619.98	3773886.98	0.05418		
385606.38	3773906.99	0.05387		
385592.78	3773927.00	0.05113		
385581.29	3773951.88	0.04967		
385571.96	3773972.86	0.04961		
385553.80	3774009.12	0.04694		
385543.07	3774031.21	0.04517		
385535.39	3774054.80	0.04591		

	385527.71	3774078.38	0.04763
385520.03	3774101.97	0.04993	
	385512.35	3774125.55	0.05248
385504.67	3774149.14	0.05370	
	385497.00	3774172.72	0.05270
385489.32	3774196.31	0.05201	
	385481.64	3774219.89	0.05059
385473.96	3774243.48	0.04933	
	385466.28	3774267.06	0.04806
385458.60	3774290.65	0.04709	
	385450.92	3774314.23	0.04673
385443.24	3774337.82	0.04637	
	385435.56	3774361.40	0.04557
385427.89	3774384.99	0.04448	
	385420.21	3774408.58	0.04457
385412.53	3774432.16	0.04468	
	385398.02	3774470.16	0.04272
385383.11	3774509.32	0.04323	
	385366.38	3774543.58	0.04386
385344.00	3774580.88	0.04399	
	385321.62	3774618.18	0.04609
385295.09	3774653.34	0.04407	
	385281.10	3774671.98	0.04234
385267.11	3774690.63	0.04108	
	385253.13	3774709.28	0.04083
385239.14	3774727.93	0.04112	
	385211.65	3774762.28	0.04240
385183.68	3774797.25	0.04209	
	385168.84	3774816.00	0.04280
385154.07	3774834.65	0.04403	
	385139.31	3774853.30	0.04532
385124.55	3774871.95	0.04674	
	385109.78	3774890.59	0.04780
385095.02	3774909.24	0.04848	
	385080.98	3774932.55	0.05144
385068.85	3774953.06	0.05250	
	385056.73	3774973.58	0.05047
385044.61	3774994.09	0.04617	
	385032.49	3775014.60	0.04203
385023.09	3775041.03	0.04092	
	385015.88	3775062.64	0.04021
385008.68	3775084.26	0.03906	
	385001.47	3775105.88	0.03774
384994.27	3775127.49	0.03603	
	384987.06	3775149.11	0.03423
384979.85	3775170.72	0.03181	
	384972.65	3775192.34	0.02836
384965.44	3775213.95	0.02336	
	384958.24	3775235.57	0.01680
384951.03	3775257.18	0.01076	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
384962.98	3775287.15	0.00912		
384997.95	3775305.80	0.01400		
385032.91	3775324.45	0.01462		
385068.14	3775311.03	0.01921		
385076.30	3775288.89	0.02652		
385084.46	3775266.74	0.03352		
385092.61	3775244.60	0.03907		
385100.77	3775222.45	0.04233		
385108.93	3775200.31	0.04358		
385117.09	3775178.16	0.04437		
385125.25	3775156.02	0.04549		
384974.75	3775265.09	0.01624		
385054.01	3775027.32	0.06429		
385114.62	3774924.76	0.07731		
385203.20	3774812.87	0.07129		
385259.14	3774742.93	0.07090		
385343.06	3774631.04	0.08479		
385399.01	3774537.80	0.07913		
385436.30	3774439.90	0.07822		
385566.84	3774038.95	0.07794		
385594.81	3773983.01	0.08893		
385613.46	3773941.05	0.09036		
385939.81	3773460.85	0.19042		
385888.53	3773418.89	0.09381		
385902.52	3773372.27	0.10293		
385944.47	3773339.63	0.11534		
386037.72	3773316.32	0.09021		
386163.59	3773302.34	0.09048		
386317.44	3773218.42	0.07233		
386410.69	3773157.81	0.06309		

	386494.60	3773055.24	0.07621
386583.19	3772915.38	0.06805	
	386620.48	3772859.44	0.07327
386667.10	3772756.87	0.08012	
	386709.06	3772519.10	0.09835
386755.68	3772076.20	0.10739	
	386769.67	3771665.93	0.02772
386778.99	3771656.61	0.02376	
	386788.32	3771651.95	0.02124
386839.60	3771684.58	0.01409	
	386848.93	3772024.92	0.04490
386890.89	3772155.45	0.02086	
	386914.20	3772309.30	0.01546
386923.52	3772453.83	0.01260	
	386895.55	3772617.00	0.01397
386848.93	3772752.21	0.01652	
	386774.33	3772892.07	0.01884
386685.75	3773017.95	0.02125	
	386611.16	3773125.18	0.02143
386499.27	3773223.08	0.02567	
	386294.13	3773325.65	0.06820
386210.22	3773367.61	0.08915	
	386079.68	3773474.84	0.35992
386280.15	3773596.05	0.01827	
	386228.86	3773665.98	0.01869
386005.08	3773516.79	0.28724	
	385655.42	3774010.98	0.09459
385883.87	3774150.84	0.00833	
	385860.56	3774197.46	0.00813
385641.44	3774043.61	0.08412	
	385496.91	3774486.52	0.06555
385417.65	3774649.69	0.05512	
	385310.43	3774766.24	0.08189
385361.71	3774812.87	0.02087	
	385277.79	3774924.76	0.02350
385399.01	3774990.03	0.00860	
	385380.36	3775031.98	0.00842
385273.13	3774943.40	0.02233	
	385231.17	3774948.07	0.03756
385207.86	3774938.74	0.06745	
	385147.25	3775027.32	0.10265
385109.95	3775125.23	0.09655	
	385044.68	3775302.39	0.02496

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
385129.73	3775148.85	0.22291m	(10102024)	
385367.69	3775343.57	0.03564	(10111924)	
385765.30	3774513.97	0.04484	(10111924)	
385676.95	3774142.54	0.11263m	(10102024)	
385933.84	3774427.25	0.04313	(10111924)	
385794.20	3773804.02	0.35102m	(10102024)	
386496.12	3773322.80	0.09332	(14032524)	
386250.61	3773133.44	0.14317	(14021924)	
386315.91	3773091.00	0.12184	(14021924)	
386389.04	3773030.93	0.10202	(14021924)	
386806.27	3772855.29	0.10285m	(10102024)	
386848.06	3772771.06	0.09659	(14111224)	
386869.61	3772716.21	0.09559	(14111224)	
386559.46	3772786.73	0.08683	(14121624)	
386605.16	3772641.12	0.09591	(14121624)	
386636.50	3772407.36	0.09334m	(14123124)	
386629.32	3772467.44	0.09385	(10121524)	
386644.99	3772285.26	0.09686m	(10123124)	
386504.61	3772411.28	0.05272	(14121624)	
386475.23	3772552.32	0.05327	(14021924)	
386311.99	3772880.10	0.07995	(14021924)	
387055.70	3772326.40	0.05197	(14111224)	
387437.67	3772515.10	0.02893	(14111224)	
387158.87	3772861.16	0.03759	(14111224)	
386983.22	3773114.51	0.04066m	(10102124)	
386915.41	3771905.68	0.11120	(14021924)	
386011.02	3773580.32	0.59320m	(10102024)	
385133.31	3775134.13	0.22713m	(10102024)	
385148.23	3775094.97	0.22571m	(10102024)	
385163.15	3775055.80	0.22938m	(10102024)	

	385180.00	3775023.72	0.21944m (10102024)
385204.25	3774988.29	0.19167m (10102024)	
	385228.49	3774952.86	0.17813m (10102024)
385198.57	3774961.95	0.27369m (10102024)	
	385254.92	3774970.58	0.11587m (10102024)
385292.95	3774992.20	0.07690m (10102024)	
	385310.82	3775006.96	0.06694 (10111924)
385328.69	3775021.73	0.06087 (10111924)	
	385346.57	3775036.49	0.05613 (10111924)
385364.44	3775051.25	0.05229 (10111924)	
	385403.20	3775042.14	0.04853 (10111924)
385412.53	3775021.16	0.04905 (10111924)	
	385421.85	3775000.19	0.04970 (10111924)
385410.86	3774968.02	0.05376 (10111924)	
	385390.66	3774957.14	0.05759 (10111924)
385370.46	3774946.26	0.06219 (10111924)	
	385350.25	3774935.38	0.06795m (10102024)
385330.05	3774924.50	0.07746m (10102024)	
	385309.85	3774913.63	0.09060m (10102024)
385339.75	3774883.82	0.08749m (10102024)	
	385353.74	3774865.17	0.08869m (10102024)
385367.72	3774846.52	0.09068m (10102024)	
	385381.71	3774827.87	0.09312m (10102024)
385378.53	3774794.37	0.11511m (10102024)	
	385361.44	3774778.83	0.14816m (10102024)
385344.34	3774763.29	0.20721m (10102024)	
	385374.78	3774733.22	0.21106m (10102024)
385390.10	3774716.57	0.19868m (10102024)	
	385405.41	3774699.92	0.18472m (10102024)
385420.73	3774683.27	0.17509m (10102024)	
	385436.05	3774666.62	0.16494m (10102024)
385450.04	3774640.22	0.16907m (10102024)	
	385459.95	3774619.82	0.17270m (10102024)
385469.86	3774599.42	0.17660m (10102024)	
	385479.77	3774579.03	0.17789m (10102024)
385489.67	3774558.63	0.17908m (10102024)	
	385499.58	3774538.24	0.18210m (10102024)
385509.49	3774517.84	0.18476m (10102024)	
	385519.40	3774497.44	0.18774m (10102024)
385528.28	3774470.96	0.19587m (10102024)	
	385535.89	3774447.65	0.20177m (10102024)
385543.50	3774424.34	0.20355m (10102024)	
	385551.10	3774401.03	0.20026m (10102024)
385558.71	3774377.72	0.20076m (10102024)	
	385566.32	3774354.41	0.19907m (10102024)
385573.92	3774331.10	0.19934m (10102024)	
	385581.53	3774307.79	0.19459m (10102024)
385589.14	3774284.48	0.19020m (10102024)	
	385596.75	3774261.16	0.18644m (10102024)
385604.35	3774237.85	0.18354m (10102024)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
385611.96	3774214.54	0.17970m (10102024)	
385619.57	3774191.23	0.17851m (10102024)	
385627.17	3774167.92	0.17684m (10102024)	
385634.78	3774144.61	0.17589m (10102024)	
385642.39	3774121.30	0.17727m (10102024)	
385649.99	3774097.99	0.18496m (10102024)	
385657.60	3774074.68	0.19513m (10102024)	
385686.83	3774106.03	0.11983m (10102024)	
385706.75	3774120.02	0.09880m (10102024)	
385726.67	3774134.00	0.08530m (10102024)	
385746.59	3774147.99	0.07424m (10102024)	
385766.51	3774161.97	0.06802 (10111924)	
385786.43	3774175.96	0.06364 (10111924)	
385806.35	3774189.95	0.06034 (10111924)	
385826.27	3774203.93	0.05785 (10111924)	
385846.19	3774217.92	0.05589 (10111924)	
385874.80	3774215.17	0.05526 (10111924)	
385890.69	3774193.10	0.05652 (10111924)	
385906.23	3774162.02	0.05879 (10111924)	
385896.92	3774129.52	0.06158 (10111924)	
385876.16	3774116.80	0.06303 (10111924)	
385855.39	3774104.09	0.06490 (10111924)	
385834.62	3774091.37	0.06748 (10111924)	
385813.85	3774078.66	0.07124 (10111924)	
385793.08	3774065.95	0.07685 (10111924)	
385772.31	3774053.23	0.08663m (10102024)	
385751.55	3774040.52	0.10423m (10102024)	
385730.78	3774027.80	0.12828m (10102024)	
385710.01	3774015.09	0.16045m (10102024)	
385689.24	3774002.37	0.21818m (10102024)	

	385717.79	3773966.12	0.19805m (10102024)
385731.77	3773946.35	0.19941m (10102024)	
	385745.76	3773926.58	0.19586m (10102024)
385759.75	3773906.81	0.19165m (10102024)	
	385773.73	3773887.05	0.18804m (10102024)
385787.72	3773867.28	0.18836m (10102024)	
	385801.71	3773847.51	0.18975m (10102024)
385815.69	3773827.74	0.19267m (10102024)	
	385829.68	3773807.98	0.19421m (10102024)
385843.67	3773788.21	0.19408m (10102024)	
	385857.65	3773768.44	0.19427m (10102024)
385871.64	3773748.67	0.19372m (10102024)	
	385885.62	3773728.91	0.19483m (10102024)
385899.61	3773709.14	0.20046m (10102024)	
	385913.60	3773689.37	0.20540m (10102024)
385927.58	3773669.60	0.21982 (10111924)	
	385941.57	3773649.84	0.24476 (10111924)
385955.56	3773630.07	0.28141 (10111924)	
	385969.54	3773610.30	0.33704 (10111924)
385983.53	3773590.53	0.42822m (10102024)	
	385997.52	3773570.76	0.59774m (10102024)
386011.50	3773551.00	0.89892m (10102024)	
	386025.49	3773531.23	1.42926m (10102024)
385991.21	3773537.59	0.90484m (10102024)	
	386031.90	3773564.72	0.81217m (10102024)
386052.24	3773578.28	0.67441m (10102024)	
	386072.59	3773591.84	0.53110m (10102024)
386092.93	3773605.40	0.41010m (10102024)	
	386113.27	3773618.97	0.31665m (10102024)
386133.62	3773632.53	0.24734m (10102024)	
	386153.96	3773646.09	0.19688m (10102024)
386174.31	3773659.66	0.15990m (10102024)	
	386194.65	3773673.22	0.13253m (10102024)
386214.99	3773686.78	0.11571 (10100424)	
	386249.02	3773680.77	0.11476 (10100424)
386274.66	3773645.80	0.12389 (10100424)	
	386300.31	3773610.84	0.12206 (10100424)
386293.09	3773574.66	0.13130 (10100424)	
	386273.04	3773562.54	0.14772 (10100424)
386252.99	3773550.41	0.16807 (10100424)	
	386232.94	3773538.29	0.19381 (10100424)
386212.90	3773526.17	0.22711 (10100424)	
	386192.85	3773514.05	0.27159 (10100424)
386172.80	3773501.93	0.33297 (10100424)	
	386152.76	3773489.81	0.42178 (10100424)
386132.71	3773477.69	0.55900 (10100424)	
	386112.66	3773465.57	0.79137 (10100424)
386151.49	3773448.20	0.45035 (10092224)	
	386170.14	3773432.88	0.37462 (10092224)
386188.79	3773417.57	0.32454 (10092224)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
386207.44	3773402.25	0.28900	(10092224)	
386226.09	3773386.93	0.27034	(14032524)	
386263.36	3773368.99	0.23560	(14032524)	
386284.33	3773358.50	0.22090	(14032524)	
386305.31	3773348.01	0.20898	(14032524)	
386325.82	3773337.75	0.19457	(14111224)	
386346.34	3773327.50	0.18315	(14111224)	
386366.85	3773317.24	0.17281	(14032524)	
386387.37	3773306.98	0.16490	(14032524)	
386407.88	3773296.73	0.15669	(14032524)	
386428.39	3773286.47	0.14786	(14032524)	
386448.91	3773276.21	0.13782	(14032524)	
386469.42	3773265.95	0.13025	(14111224)	
386489.94	3773255.70	0.12197	(14111224)	
386510.45	3773245.44	0.11046	(14111224)	
386534.38	3773225.58	0.10838	(14111224)	
386553.03	3773209.26	0.10612	(14111224)	
386571.68	3773192.94	0.10277	(14111224)	
386590.33	3773176.63	0.10099m	(10102024)	
386608.97	3773160.31	0.10165m	(10102024)	
386627.62	3773143.99	0.10036m	(10102024)	
386644.11	3773121.58	0.10138m	(10102024)	
386668.98	3773085.84	0.10000m	(10102024)	
386693.84	3773050.10	0.09830	(14111224)	
386718.85	3773014.35	0.09833m	(10102024)	
386744.16	3772978.39	0.10105m	(10102024)	
386769.47	3772942.42	0.10106m	(10102024)	
386794.78	3772906.46	0.09722m	(10102024)	
386807.05	3772883.86	0.09507m	(10102024)	
386828.36	3772843.90	0.09044	(14111224)	

	386839.02	3772823.92	0.09050	(14111224)
386849.67	3772803.94	0.08965	(14111224)	
	386860.33	3772783.96	0.08888	(14111224)
386870.99	3772763.98	0.08800	(14111224)	
	386880.33	3772737.82	0.08806	(14111224)
386888.10	3772715.29	0.08727	(14111224)	
	386895.87	3772692.75	0.08538	(14111224)
386903.64	3772670.22	0.08295	(14111224)	
	386911.41	3772647.68	0.08032	(14111224)
386919.18	3772625.15	0.07782	(14111224)	
	386924.19	3772597.91	0.07649	(14111224)
386928.18	3772574.60	0.07587	(14111224)	
	386932.18	3772551.29	0.07548	(14111224)
386936.17	3772527.98	0.07537	(14111224)	
	386940.17	3772504.67	0.07529	(14111224)
386944.16	3772481.36	0.07525	(14111224)	
	386948.16	3772458.05	0.07505	(14111224)
386946.91	3772428.13	0.07579	(14111224)	
	386945.36	3772404.04	0.07641	(14111224)
386943.81	3772379.96	0.07544	(14111224)	
	386942.25	3772355.87	0.07581	(14111224)
386940.70	3772331.78	0.07588	(14111224)	
	386939.15	3772307.69	0.07756	(14111224)
386935.59	3772283.58	0.07881	(14111224)	
	386928.93	3772239.62	0.08704	(14021924)
386922.27	3772195.66	0.09609	(14021924)	
	386915.61	3772151.70	0.10369	(14021924)
386907.70	3772126.04	0.10716	(14021924)	
	386900.70	3772104.29	0.11185	(14021924)
386893.71	3772082.53	0.12142	(14021924)	
	386886.72	3772060.78	0.12948	(14021924)
386879.72	3772039.02	0.13747	(14021924)	
	386872.73	3772017.27	0.14887	(14021924)
386872.59	3771975.61	0.15454	(14021924)	
	386871.92	3771951.30	0.15458	(14021924)
386871.25	3771926.99	0.15714	(14021924)	
	386870.59	3771902.68	0.15800	(14021924)
386869.92	3771878.37	0.15659	(14021924)	
	386869.26	3771854.06	0.15866	(14021924)
386868.59	3771829.75	0.15739	(14021924)	
	386867.92	3771805.44	0.14927	(14021924)
386867.26	3771781.13	0.14570	(14021924)	
	386866.59	3771756.82	0.14111	(14021924)
386865.92	3771732.51	0.13408	(14021924)	
	386865.26	3771708.20	0.12647	(14021924)
386864.59	3771683.89	0.11976	(14021924)	
	386853.02	3771663.49	0.10855	(14021924)
386818.83	3771641.73	0.09824	(14021924)	
	386783.38	3771628.28	0.08120	(14021924)
386761.31	3771638.93	0.08625	(16012024)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
386744.68	3771665.08	0.09834	(16012024)	
386743.86	3771689.21	0.11095	(16012024)	
386743.04	3771713.35	0.12247	(11121924)	
386742.22	3771737.48	0.12783	(11121924)	
386741.39	3771761.61	0.13379	(11121924)	
386740.57	3771785.75	0.13818	(11121924)	
386739.75	3771809.88	0.14207	(11121924)	
386738.92	3771834.01	0.14587	(14121624)	
386738.10	3771858.15	0.15072	(14121624)	
386737.28	3771882.28	0.15846	(16120624)	
386736.46	3771906.41	0.15908	(16120624)	
386735.63	3771930.55	0.16322	(10121524)	
386734.81	3771954.68	0.16812	(10121524)	
386733.99	3771978.81	0.17483	(10121524)	
386733.16	3772002.95	0.18169	(10121524)	
386732.34	3772027.08	0.19305	(10121524)	
386731.52	3772051.21	0.20486	(10121524)	
386730.69	3772075.35	0.21279	(10121524)	
386728.23	3772098.19	0.20808	(10121524)	
386725.64	3772122.79	0.19676	(10121524)	
386723.05	3772147.40	0.18845	(10121524)	
386720.46	3772172.01	0.17990	(10121524)	
386717.87	3772196.61	0.17603	(10121524)	
386715.28	3772221.22	0.17266	(10121524)	
386712.69	3772245.82	0.17328	(10121524)	
386710.10	3772270.43	0.17226	(10121524)	
386707.51	3772295.03	0.17128	(10121524)	
386704.92	3772319.64	0.17659	(10121524)	
386702.33	3772344.24	0.18367	(10121524)	
386699.74	3772368.85	0.17845	(10121524)	

	386697.15	3772393.46	0.17854	(10121524)
386694.56	3772418.06	0.17908	(10121524)	
	386691.97	3772442.67	0.18126	(10121524)
386689.38	3772467.27	0.18469	(10121524)	
	386686.79	3772491.88	0.19104	(10121524)
386684.20	3772516.48	0.19158	(10121524)	
	386676.05	3772562.31	0.18397	(10121524)
386671.85	3772586.09	0.18105	(10121524)	
	386667.66	3772609.86	0.17883	(10121524)
386663.46	3772633.64	0.17681	(10121524)	
	386659.26	3772657.42	0.17485	(10121524)
386655.07	3772681.19	0.17048	(10121524)	
	386650.87	3772704.97	0.16834	(10121524)
386646.68	3772728.75	0.17270	(10121524)	
	386642.48	3772752.53	0.17433	(10121524)
386625.69	3772787.55	0.15983	(10121524)	
	386616.37	3772808.07	0.15314	(10121524)
386607.04	3772828.58	0.15073	(10121524)	
	386597.72	3772849.10	0.15127	(14121624)
386574.82	3772882.87	0.14892	(14121624)	
	386562.39	3772901.51	0.15167	(14121624)
386549.41	3772921.98	0.15589	(14121624)	
	386536.76	3772941.96	0.15824	(14121624)
386524.10	3772961.94	0.16373	(14121624)	
	386511.45	3772981.92	0.17055	(14121624)
386498.79	3773001.90	0.17124	(14121624)	
	386486.14	3773021.88	0.16715	(14121624)
386473.48	3773041.86	0.16200	(14121624)	
	386447.28	3773073.60	0.14103	(14121624)
386419.31	3773107.79	0.13711	(14021924)	
	386391.34	3773141.98	0.16014	(14021924)
386359.77	3773161.09	0.16489	(14021924)	
	386322.47	3773185.34	0.18291	(14021924)
386286.24	3773206.96	0.20034	(14021924)	
	386247.77	3773227.94	0.22223	(14021924)
386209.31	3773248.92	0.25151	(14021924)	
	386170.85	3773269.90	0.28907	(14021924)
386139.85	3773279.82	0.31326	(14021924)	
	386097.90	3773284.48	0.33460	(14021924)
386055.94	3773289.14	0.33542	(14021924)	
	386031.66	3773292.07	0.33382	(15121124)
386008.34	3773297.89	0.34475	(15121124)	
	385985.03	3773303.72	0.34991	(16121224)
385961.72	3773309.55	0.34229	(16121224)	
	385938.41	3773315.38	0.33641m	(10123124)
385915.13	3773330.78	0.35899m	(10123124)	
	385887.17	3773352.54	0.35549	(15122224)
385871.58	3773388.39	0.36212	(15122224)	
	385864.58	3773411.70	0.40074	(10121524)
385872.70	3773438.24	0.47304	(10121524)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
385906.88	3773466.21	0.69695	(10121524)	
385919.13	3773446.80	0.84187	(10121524)	
385891.94	3773486.81	0.53168	(10121524)	
385878.34	3773506.82	0.41510	(10121524)	
385864.74	3773526.83	0.33647	(10121524)	
385851.14	3773546.84	0.29582	(14120324)	
385837.55	3773566.85	0.26740	(10121524)	
385823.95	3773586.86	0.24664	(10121524)	
385810.35	3773606.86	0.23010	(10121524)	
385796.75	3773626.87	0.21948	(10121524)	
385783.15	3773646.88	0.21160	(10121524)	
385769.56	3773666.89	0.20688	(10121524)	
385755.96	3773686.90	0.20249	(14121624)	
385742.36	3773706.91	0.20308	(14121624)	
385728.76	3773726.91	0.20700	(14121624)	
385715.16	3773746.92	0.21552	(14121624)	
385701.57	3773766.93	0.21349	(14121624)	
385687.97	3773786.94	0.20915	(14121624)	
385674.37	3773806.95	0.20198	(14121624)	
385660.77	3773826.96	0.19429	(14121624)	
385647.17	3773846.96	0.18894	(14121624)	
385633.58	3773866.97	0.18876	(14121624)	
385619.98	3773886.98	0.19574	(14121624)	
385606.38	3773906.99	0.19650	(14121624)	
385592.78	3773927.00	0.18755	(14121624)	
385581.29	3773951.88	0.18470	(14121624)	
385571.96	3773972.86	0.18284	(10121524)	
385553.80	3774009.12	0.17398	(10121524)	
385543.07	3774031.21	0.16645	(10121524)	
385535.39	3774054.80	0.16903	(10121524)	

	385527.71	3774078.38	0.17131	(14121624)
385520.03	3774101.97	0.17742	(14121624)	
	385512.35	3774125.55	0.18520m	(10123124)
385504.67	3774149.14	0.19533m	(10123124)	
	385497.00	3774172.72	0.19026m	(10123124)
385489.32	3774196.31	0.18555	(10121524)	
	385481.64	3774219.89	0.17963	(10121524)
385473.96	3774243.48	0.17502	(10121524)	
	385466.28	3774267.06	0.17294	(10121524)
385458.60	3774290.65	0.17081	(10121524)	
	385450.92	3774314.23	0.17107	(10121524)
385443.24	3774337.82	0.17214	(10121524)	
	385435.56	3774361.40	0.16606	(10121524)
385427.89	3774384.99	0.16188	(10121524)	
	385420.21	3774408.58	0.16200	(10121524)
385412.53	3774432.16	0.15900	(10121524)	
	385398.02	3774470.16	0.15474	(10121524)
385383.11	3774509.32	0.15306	(14121624)	
	385366.38	3774543.58	0.15772	(14121624)
385344.00	3774580.88	0.16111	(14121624)	
	385321.62	3774618.18	0.16777	(14121624)
385295.09	3774653.34	0.16504	(14121624)	
	385281.10	3774671.98	0.16066	(14121624)
385267.11	3774690.63	0.15578	(14121624)	
	385253.13	3774709.28	0.15158	(14121624)
385239.14	3774727.93	0.14978	(14121624)	
	385211.65	3774762.28	0.15470	(14121624)
385183.68	3774797.25	0.15602	(14121624)	
	385168.84	3774816.00	0.15682	(14121624)
385154.07	3774834.65	0.15693	(14121624)	
	385139.31	3774853.30	0.16025	(14121624)
385124.55	3774871.95	0.16626	(14121624)	
	385109.78	3774890.59	0.17039	(14121624)
385095.02	3774909.24	0.17368m	(10123124)	
	385080.98	3774932.55	0.18622m	(10123124)
385068.85	3774953.06	0.19288m	(10123124)	
	385056.73	3774973.58	0.19226	(10121524)
385044.61	3774994.09	0.18415	(10121524)	
	385032.49	3775014.60	0.16929	(10121524)
385023.09	3775041.03	0.16387	(10121524)	
	385015.88	3775062.64	0.16166	(10121524)
385008.68	3775084.26	0.16069	(10121524)	
	385001.47	3775105.88	0.15862	(10121524)
384994.27	3775127.49	0.15694	(10121524)	
	384987.06	3775149.11	0.15495	(10121524)
384979.85	3775170.72	0.15157	(10121524)	
	384972.65	3775192.34	0.14624	(10121524)
384965.44	3775213.95	0.13718	(10121524)	
	384958.24	3775235.57	0.11083	(10121524)
384951.03	3775257.18	0.09371	(15021724)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
384962.98	3775287.15	0.08546	(15021724)	
384997.95	3775305.80	0.10603	(11091524)	
385032.91	3775324.45	0.10943m	(10102024)	
385068.14	3775311.03	0.14385m	(10102024)	
385076.30	3775288.89	0.17590m	(10102024)	
385084.46	3775266.74	0.19875m	(10102024)	
385092.61	3775244.60	0.21490m	(10102024)	
385100.77	3775222.45	0.21900m	(10102024)	
385108.93	3775200.31	0.22004m	(10102024)	
385117.09	3775178.16	0.22134m	(10102024)	
385125.25	3775156.02	0.22709m	(10102024)	
384974.75	3775265.09	0.12005	(15021724)	
385054.01	3775027.32	0.24814	(10121524)	
385114.62	3774924.76	0.27754	(14121624)	
385203.20	3774812.87	0.26089	(14121624)	
385259.14	3774742.93	0.26582	(14121624)	
385343.06	3774631.04	0.31027	(14121624)	
385399.01	3774537.80	0.27244	(10121524)	
385436.30	3774439.90	0.27673	(10121524)	
385566.84	3774038.95	0.28339	(10121524)	
385594.81	3773983.01	0.32246	(10121524)	
385613.46	3773941.05	0.32724	(14121624)	
385939.81	3773460.85	1.19297	(10121524)	
385888.53	3773418.89	0.51686	(10121524)	
385902.52	3773372.27	0.44842	(15122224)	
385944.47	3773339.63	0.43533m	(10123124)	
386037.72	3773316.32	0.41965	(15121124)	
386163.59	3773302.34	0.39698	(14021924)	
386317.44	3773218.42	0.27406	(14121624)	
386410.69	3773157.81	0.22746	(14121624)	

	386494.60	3773055.24	0.27544	(10121524)
386583.19	3772915.38	0.23855	(14121624)	
	386620.48	3772859.44	0.25691	(10121524)
386667.10	3772756.87	0.28432	(10121524)	
	386709.06	3772519.10	0.34884	(10121524)
386755.68	3772076.20	0.38837	(10121524)	
	386769.67	3771665.93	0.11991	(16012024)
386778.99	3771656.61	0.11115	(15121124)	
	386788.32	3771651.95	0.10760	(15121124)
386839.60	3771684.58	0.14537	(14021924)	
	386848.93	3772024.92	0.20220	(14021924)
386890.89	3772155.45	0.12061	(14021924)	
	386914.20	3772309.30	0.09030	(14021924)
386923.52	3772453.83	0.08295	(14111224)	
	386895.55	3772617.00	0.08732	(14111224)
386848.93	3772752.21	0.10014	(14111224)	
	386774.33	3772892.07	0.11561m	(10102024)
386685.75	3773017.95	0.11471m	(10102024)	
	386611.16	3773125.18	0.12303m	(10102024)
386499.27	3773223.08	0.13553	(14111224)	
	386294.13	3773325.65	0.31463m	(10102024)
386210.22	3773367.61	0.39293m	(10102024)	
	386079.68	3773474.84	1.61953	(10100424)
386280.15	3773596.05	0.13698	(10100424)	
	386228.86	3773665.98	0.12764	(10100424)
386005.08	3773516.79	1.64329m	(10102024)	
	385655.42	3774010.98	0.40923m	(10102024)
385883.87	3774150.84	0.05992	(10111924)	
	385860.56	3774197.46	0.05683	(10111924)
385641.44	3774043.61	0.36348m	(10102024)	
	385496.91	3774486.52	0.30976m	(10102024)
385417.65	3774649.69	0.25855m	(10102024)	
	385310.43	3774766.24	0.35402m	(10102024)
385361.71	3774812.87	0.11257m	(10102024)	
	385277.79	3774924.76	0.11113m	(10102024)
385399.01	3774990.03	0.05307	(10111924)	
	385380.36	3775031.98	0.05178	(10111924)
385273.13	3774943.40	0.10773m	(10102024)	
	385231.17	3774948.07	0.17847m	(10102024)
385207.86	3774938.74	0.29327m	(10102024)	
	385147.25	3775027.32	0.43278m	(10102024)
385109.95	3775125.23	0.41973m	(10102024)	
	385044.68	3775302.39	0.17787m	(10102024)

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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 *** AERMET - VERSION 16216 *** ***
 *** 03:16:07

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD

(43824 HRS) RESULTS ***

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

NETWORK GROUP ID YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	RECEPTOR (XR, GRID-ID
ALL	1ST HIGHEST VALUE IS	0.35992 AT (386079.68,
3773474.84,	87.00, 87.00,	0.00) DC
	2ND HIGHEST VALUE IS	0.28724 AT (386005.08,
3773516.79,	87.00, 87.00,	0.00) DC
	3RD HIGHEST VALUE IS	0.20619 AT (386025.49,
3773531.23,	87.00, 87.00,	0.00) DC
	4TH HIGHEST VALUE IS	0.19042 AT (385939.81,
3773460.85,	87.00, 87.00,	0.00) DC
	5TH HIGHEST VALUE IS	0.16495 AT (385991.21,
3773537.59,	87.00, 87.00,	0.00) DC
	6TH HIGHEST VALUE IS	0.14996 AT (386112.66,
3773465.57,	87.00, 87.00,	0.00) DC
	7TH HIGHEST VALUE IS	0.13614 AT (385919.13,
3773446.80,	87.00, 87.00,	0.00) DC
	8TH HIGHEST VALUE IS	0.13252 AT (386011.50,
3773551.00,	87.00, 87.00,	0.00) DC
	9TH HIGHEST VALUE IS	0.11534 AT (385944.47,
3773339.63,	87.00, 87.00,	0.00) DC
	10TH HIGHEST VALUE IS	0.10739 AT (386755.68,
3772076.20,	87.00, 87.00,	0.00) DC

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

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF

HIGHEST 24-HR RESULTS ***

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

DATE

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

ALL HIGH 1ST HIGH VALUE IS 1.64329m ON 10102024: AT (
386005.08, 3773516.79, 87.00, 87.00, 0.00) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)
A Total of 808 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 4 Calm Hours Identified

A Total of 804 Missing Hours Identified (1.83 Percent)

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

***** WARNING MESSAGES *****
ME W186 625 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 625 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological
File at: 14010101
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological
File at: 2 year gap

*** AERMOD Finishes Successfully ***

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 12/17/2019
** File: C:\Lakes\AERMOD View\HSR_B-LA_CO_CMF_Construction_Area\HSR_B-
LA_CO_CMF_Construction_Area.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\HSR_B-LA_CO_CMF_Construction_Area\HSR_B-
LA_CO_CMF_Con
  MODELOPT CONC FASTAREA
  AVERTIME 1 8
  URBANOPT 800000
  POLLUTID CO
  FLAGPOLE 1.80
  RUNORNOT RUN
  ERRORFIL HSR_B-LA_CO_CMF_Construction_Area.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREA1      AREAPOLY      386787.173   3771677.394      102.710
** DESCRSRC At grade Rail Track Segment Construction Area
  LOCATION PAREA2      AREAPOLY      386027.874   3773421.998      106.260
** DESCRSRC CMF Access Bridge Demolition
** Source Parameters **
  SRCPARAM PAREA1      0.0000296135      3.000      51
  AREAVERT PAREA1      386787.173   3771677.394   386812.511   3771707.800
  AREAVERT PAREA1      386822.646   3771859.829   386817.579   3772006.790
  AREAVERT PAREA1      386807.444   3772255.103   386761.835   3772614.904
  AREAVERT PAREA1      386736.497   3772746.662   386706.091   3772817.608
  AREAVERT PAREA1      386589.536   3773020.313   386478.048   3773157.139
  AREAVERT PAREA1      386412.169   3773228.085   386270.276   3773314.235
  AREAVERT PAREA1      386158.789   3773380.114   386001.692   3773501.737
  AREAVERT PAREA1      385940.881   3773562.548   385687.500   3773932.484
  AREAVERT PAREA1      385616.553   3774064.242   385499.998   3774439.246
  AREAVERT PAREA1      385439.187   3774565.937   385418.916   3774606.478

```



```

    EMISFACT PAREA2      HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
    EMISFACT PAREA2      HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA2      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
    INCLUDED HSR_B-LA_CO_CMF_Construction_Area.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
    SURFFILE CELA_v9.SFC
    PROFFILE CELA_v9.PFL
    SURFDATA 93134 2010
    UAIRDATA 3190 2010
    SITEDATA 99999 2010
    PROFBASE 87.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
    RECTABLE ALLAVE 1ST
    RECTABLE 1 1ST
    RECTABLE 8 1ST
** Auto-Generated Plotfiles
    PLOTFILE 1 ALL 1ST HSR_B-LA_CO_CMF_CONSTRUCTION_AREA.AD\01H1GALL.PLT
31
    PLOTFILE 8 ALL 1ST HSR_B-LA_CO_CMF_CONSTRUCTION_AREA.AD\08H1GALL.PLT
32
    SUMMFILE HSR_B-LA_CO_CMF_Construction_Area.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	142	MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used		0.50
ME W187	142	MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET		

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_CMF_Construction_Area\HSR_B-LA_CMF_Con *** 12/17/19
*** AERMET - VERSION 16216 *** ***
*** 02:01:48

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** MODEL SETUP OPTIONS

SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 2 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 800000.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:

FASTAREA - Use hybrid approach to optimize AREA sources;
also applies to LINE sources (formerly TOXICS option)

ADJ_U* - Use ADJ_U* option for SBL in AERMET

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: CO

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

**This Run Includes: 2 Source(s); 1 Source Group(s); and
446 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 2 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 0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

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

**NOTE: The Following Flags May Appear Following CONC Values: c for
Calm Hours

m for
Missing Hours

b for
Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 87.00 ;
Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: HSR_B-LA_CO_CMF_Construction_Area.err

**File for Summary of Results: HSR_B-LA_CO_CMF_Construction_Area.sum

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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 *** AERMET - VERSION 16216 *** ***
 *** 02:01:48

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** AREAPOLY SOURCE DATA

NUMBER	NUMBER	EMISSION	RATE	LOCATION OF AREA		BASE	RELEASE
SOURCE	INIT.	URBAN	EMISSION				
OF VERTS.	PART.	(GRAMS/SEC		X	Y	ELEV.	HEIGHT
ID	SZ	SOURCE	SCALAR	VARY			
(METERS)	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	BY						
PAREA1	0	0.29614E-04	386787.2	3771677.4	102.7	3.00	
51	0.00	YES	HRDOW7				
PAREA2	0	0.89610E-04	386027.9	3773422.0	106.3	3.00	
4	0.00	YES	HRDOW7				

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL PAREA1 , PAREA2 ,

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LA_CMF_Construction_Area\HSR_B-LA_CMF_Con *** 12/17/19
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN

SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
	800000.	PAREA1 , PAREA2 ,

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = MONDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = TUESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = WEDNESDY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = THURSDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = FRIDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10

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		

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 LA_CMF_Construction_Area\HSR_B-LA_CMF_Con *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 02:01:48

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(385133.3, 3775134.1, 115.1, 115.1, 1.8);	(
385148.2, 3775095.0, 114.5, 114.5, 1.8);	(
(385163.1, 3775055.8, 114.8, 114.8, 1.8);	(
385180.0, 3775023.7, 113.9, 113.9, 1.8);	(
(385204.2, 3774988.3, 114.5, 114.5, 1.8);	(
385228.5, 3774952.9, 114.0, 114.0, 1.8);	(
(385198.6, 3774961.9, 114.0, 114.0, 1.8);	(
385254.9, 3774970.6, 114.4, 114.4, 1.8);	(
(385293.0, 3774992.2, 114.5, 114.5, 1.8);	(
385310.8, 3775007.0, 115.2, 115.2, 1.8);	(
(385328.7, 3775021.7, 115.2, 115.2, 1.8);	(
385346.6, 3775036.5, 115.1, 115.1, 1.8);	(
(385364.4, 3775051.2, 114.7, 114.7, 1.8);	(
385403.2, 3775042.1, 114.4, 114.4, 1.8);	(
(385412.5, 3775021.2, 114.5, 114.5, 1.8);	(
385421.8, 3775000.2, 114.4, 114.4, 1.8);	(
(385410.9, 3774968.0, 114.3, 114.3, 1.8);	(
385390.7, 3774957.1, 114.3, 114.3, 1.8);	(
(385370.5, 3774946.3, 114.2, 114.2, 1.8);	(
385350.2, 3774935.4, 114.1, 114.1, 1.8);	(
(385330.0, 3774924.5, 114.0, 114.0, 1.8);	(
385309.8, 3774913.6, 113.9, 113.9, 1.8);	(
(385339.8, 3774883.8, 113.9, 113.9, 1.8);	(
385353.7, 3774865.2, 113.9, 113.9, 1.8);	(
(385367.7, 3774846.5, 114.0, 114.0, 1.8);	(
385381.7, 3774827.9, 114.0, 114.0, 1.8);	(
(385378.5, 3774794.4, 112.9, 112.9, 1.8);	(
385361.4, 3774778.8, 112.7, 112.7, 1.8);	(
(385344.3, 3774763.3, 112.5, 112.5, 1.8);	(
385374.8, 3774733.2, 112.3, 112.3, 1.8);	(
(385390.1, 3774716.6, 112.7, 112.7, 1.8);	(
385405.4, 3774699.9, 112.9, 112.9, 1.8);	(
(385420.7, 3774683.3, 113.1, 113.1, 1.8);	(
385436.0, 3774666.6, 112.1, 112.1, 1.8);	(
(385450.0, 3774640.2, 112.1, 112.1, 1.8);	(
385460.0, 3774619.8, 112.0, 112.0, 1.8);	(
(385469.9, 3774599.4, 112.0, 112.0, 1.8);	(
385479.8, 3774579.0, 111.8, 111.8, 1.8);	(
(385489.7, 3774558.6, 111.8, 111.8, 1.8);	(
385499.6, 3774538.2, 111.8, 111.8, 1.8);	(

(385509.5, 3774517.8, 111.8, 111.8, 1.8); (

385519.4, 3774497.4, 111.6, 111.6, 1.8);

(385528.3, 3774471.0, 111.2, 111.2, 1.8); (

385535.9, 3774447.6, 109.5, 111.0, 1.8);

(385543.5, 3774424.3, 108.4, 108.4, 1.8); (

385551.1, 3774401.0, 108.5, 110.8, 1.8);

(385558.7, 3774377.7, 109.3, 110.9, 1.8); (

385566.3, 3774354.4, 109.8, 110.8, 1.8);

(385573.9, 3774331.1, 109.1, 111.1, 1.8); (

385581.5, 3774307.8, 111.2, 111.2, 1.8);

(385589.1, 3774284.5, 111.1, 111.1, 1.8); (

385596.8, 3774261.2, 110.6, 110.6, 1.8);

(385604.3, 3774237.8, 110.2, 242.1, 1.8); (

385612.0, 3774214.5, 109.5, 242.1, 1.8);

(385619.6, 3774191.2, 109.4, 242.1, 1.8); (

385627.2, 3774167.9, 109.4, 242.1, 1.8);

(385634.8, 3774144.6, 109.4, 242.1, 1.8); (

385642.4, 3774121.3, 109.1, 242.1, 1.8);

(385650.0, 3774098.0, 109.1, 242.1, 1.8); (

385657.6, 3774074.7, 109.4, 242.1, 1.8);

(385686.8, 3774106.0, 110.8, 242.1, 1.8); (

385706.8, 3774120.0, 111.0, 242.1, 1.8);

(385726.7, 3774134.0, 111.1, 242.1, 1.8); (

385746.6, 3774148.0, 111.1, 242.1, 1.8);

(385766.5, 3774162.0, 111.1, 242.1, 1.8); (

385786.4, 3774176.0, 110.8, 242.1, 1.8);

(385806.3, 3774189.9, 110.8, 242.1, 1.8); (

385826.3, 3774203.9, 110.9, 242.1, 1.8);

(385846.2, 3774217.9, 113.2, 242.1, 1.8); (

385874.8, 3774215.2, 115.4, 242.1, 1.8);

(385890.7, 3774193.1, 115.2, 242.1, 1.8); (

385906.2, 3774162.0, 114.9, 242.1, 1.8);

(385896.9, 3774129.5, 114.1, 242.1, 1.8); (

385876.2, 3774116.8, 113.6, 242.1, 1.8);

(385855.4, 3774104.1, 113.8, 242.1, 1.8); (

385834.6, 3774091.4, 113.6, 242.1, 1.8);

(385813.8, 3774078.7, 113.6, 242.1, 1.8); (

385793.1, 3774065.9, 113.6, 242.1, 1.8);

(385772.3, 3774053.2, 113.7, 242.1, 1.8); (

385751.5, 3774040.5, 113.7, 242.1, 1.8);

(385730.8, 3774027.8, 113.6, 242.1, 1.8); (

385710.0, 3774015.1, 113.1, 242.1, 1.8);

(385689.2, 3774002.4, 112.0, 242.1, 1.8); (

385717.8, 3773966.1, 112.3, 242.1, 1.8);

(385731.8, 3773946.3, 111.8, 242.1, 1.8); (

385745.8, 3773926.6, 111.5, 242.1, 1.8);

(385759.8, 3773906.8, 111.4, 242.1, 1.8); (

385773.7, 3773887.0, 111.4, 242.1, 1.8);

(385787.7, 3773867.3, 111.3, 242.1, 1.8); (

385801.7, 3773847.5, 110.6, 242.1, 1.8);

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(385815.7, 3773827.7,	109.3,	242.1,	1.8);	(
385829.7, 3773808.0,	107.7,	242.1,	1.8);	(
(385843.7, 3773788.2,	107.2,	242.1,	1.8);	(
385857.6, 3773768.4,	106.9,	242.1,	1.8);	(
(385871.6, 3773748.7,	106.8,	242.1,	1.8);	(
385885.6, 3773728.9,	106.8,	242.1,	1.8);	(
(385899.6, 3773709.1,	107.4,	242.1,	1.8);	(
385913.6, 3773689.4,	107.6,	243.6,	1.8);	(
(385927.6, 3773669.6,	107.0,	243.6,	1.8);	(
385941.6, 3773649.8,	106.1,	243.6,	1.8);	(
(385955.6, 3773630.1,	106.1,	243.6,	1.8);	(
385969.5, 3773610.3,	107.1,	243.6,	1.8);	(
(385983.5, 3773590.5,	108.4,	243.6,	1.8);	(
385997.5, 3773570.8,	108.5,	243.6,	1.8);	(
(386011.5, 3773551.0,	107.8,	243.6,	1.8);	(
386025.5, 3773531.2,	107.6,	243.6,	1.8);	(
(385991.2, 3773537.6,	107.5,	243.6,	1.8);	(
386031.9, 3773564.7,	108.0,	258.6,	1.8);	(
(386052.2, 3773578.3,	108.1,	261.3,	1.8);	(
386072.6, 3773591.8,	108.5,	261.3,	1.8);	(
(386092.9, 3773605.4,	108.7,	261.3,	1.8);	(
386113.3, 3773619.0,	108.7,	262.2,	1.8);	(
(386133.6, 3773632.5,	108.5,	269.0,	1.8);	(
386154.0, 3773646.1,	108.4,	269.2,	1.8);	(
(386174.3, 3773659.7,	108.2,	269.2,	1.8);	(
386194.6, 3773673.2,	108.7,	269.2,	1.8);	(
(386215.0, 3773686.8,	108.0,	269.2,	1.8);	(
386249.0, 3773680.8,	108.1,	269.2,	1.8);	(
(386274.7, 3773645.8,	107.6,	269.2,	1.8);	(
386300.3, 3773610.8,	107.6,	269.2,	1.8);	(
(386293.1, 3773574.7,	106.8,	269.2,	1.8);	(
386273.0, 3773562.5,	107.5,	269.2,	1.8);	(
(386253.0, 3773550.4,	107.5,	269.2,	1.8);	(
386232.9, 3773538.3,	107.2,	269.2,	1.8);	(
(386212.9, 3773526.2,	106.8,	269.2,	1.8);	(
386192.8, 3773514.0,	107.3,	269.2,	1.8);	(
(386172.8, 3773501.9,	107.4,	268.9,	1.8);	(
386152.8, 3773489.8,	107.5,	262.5,	1.8);	(
(386132.7, 3773477.7,	109.4,	261.3,	1.8);	(
386112.7, 3773465.6,	111.2,	261.1,	1.8);	(

(386151.5, 3773448.2, 110.8, 261.3, 1.8); (

386170.1, 3773432.9, 109.5, 261.3, 1.8);

(386188.8, 3773417.6, 107.0, 262.6, 1.8); (

386207.4, 3773402.2, 106.2, 268.2, 1.8);

(386226.1, 3773386.9, 106.5, 269.0, 1.8); (

386263.4, 3773369.0, 106.8, 269.2, 1.8);

(386284.3, 3773358.5, 106.8, 269.2, 1.8); (

386305.3, 3773348.0, 106.4, 269.2, 1.8);

(386325.8, 3773337.8, 106.2, 269.2, 1.8); (

386346.3, 3773327.5, 105.7, 269.2, 1.8);

(386366.8, 3773317.2, 105.8, 269.2, 1.8); (

386387.4, 3773307.0, 105.8, 269.2, 1.8);

(386407.9, 3773296.7, 105.2, 269.2, 1.8); (

386428.4, 3773286.5, 106.5, 269.2, 1.8);

(386448.9, 3773276.2, 106.5, 269.2, 1.8); (

386469.4, 3773265.9, 106.0, 269.2, 1.8);

(386489.9, 3773255.7, 105.7, 269.2, 1.8); (

386510.5, 3773245.4, 105.4, 269.2, 1.8);

(386534.4, 3773225.6, 105.2, 269.2, 1.8); (

386553.0, 3773209.3, 105.1, 269.2, 1.8);

(386571.7, 3773192.9, 105.0, 269.2, 1.8); (

386590.3, 3773176.6, 105.1, 269.2, 1.8);

(386609.0, 3773160.3, 105.2, 269.2, 1.8); (

386627.6, 3773144.0, 105.0, 269.2, 1.8);

(386644.1, 3773121.6, 105.0, 269.2, 1.8); (

386669.0, 3773085.8, 105.2, 269.2, 1.8);

(386693.8, 3773050.1, 104.8, 269.2, 1.8); (

386718.8, 3773014.3, 105.0, 269.2, 1.8);

(386744.2, 3772978.4, 105.0, 269.2, 1.8); (

386769.5, 3772942.4, 104.6, 269.2, 1.8);

(386794.8, 3772906.5, 105.1, 269.2, 1.8); (

386807.0, 3772883.9, 104.6, 269.2, 1.8);

(386828.4, 3772843.9, 105.1, 269.2, 1.8); (

386839.0, 3772823.9, 104.9, 269.2, 1.8);

(386849.7, 3772803.9, 104.6, 269.2, 1.8); (

386860.3, 3772784.0, 105.2, 269.2, 1.8);

(386871.0, 3772764.0, 105.0, 269.0, 1.8); (

386880.3, 3772737.8, 104.4, 269.0, 1.8);

(386888.1, 3772715.3, 104.7, 262.7, 1.8); (

386895.9, 3772692.8, 104.5, 262.7, 1.8);

(386903.6, 3772670.2, 104.3, 262.7, 1.8); (

386911.4, 3772647.7, 104.1, 262.7, 1.8);

(386919.2, 3772625.1, 103.5, 262.7, 1.8); (

386924.2, 3772597.9, 104.3, 261.3, 1.8);

(386928.2, 3772574.6, 104.4, 261.3, 1.8); (

386932.2, 3772551.3, 104.6, 261.3, 1.8);

(386936.2, 3772528.0, 104.1, 257.4, 1.8); (

386940.2, 3772504.7, 105.2, 243.6, 1.8);

(386944.2, 3772481.4, 105.3, 243.6, 1.8); (

386948.2, 3772458.0, 105.3, 243.6, 1.8);

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(386946.9, 3772428.1,	105.1,	243.6,	1.8);	(
386945.4, 3772404.0,	105.1,	243.6,	1.8);	(
(386943.8, 3772380.0,	104.9,	243.6,	1.8);	(
386942.2, 3772355.9,	104.6,	243.6,	1.8);	(
(386940.7, 3772331.8,	103.4,	243.6,	1.8);	(
386939.1, 3772307.7,	103.2,	243.6,	1.8);	(
(386935.6, 3772283.6,	103.1,	243.6,	1.8);	(
386928.9, 3772239.6,	103.3,	243.6,	1.8);	(
(386922.3, 3772195.7,	103.1,	243.6,	1.8);	(
386915.6, 3772151.7,	103.6,	243.6,	1.8);	(
(386907.7, 3772126.0,	103.8,	243.6,	1.8);	(
386900.7, 3772104.3,	103.9,	243.6,	1.8);	(
(386893.7, 3772082.5,	103.0,	243.6,	1.8);	(
386886.7, 3772060.8,	102.9,	243.6,	1.8);	(
(386879.7, 3772039.0,	102.6,	243.6,	1.8);	(
386872.7, 3772017.3,	102.9,	243.6,	1.8);	(
(386872.6, 3771975.6,	102.3,	243.6,	1.8);	(
386871.9, 3771951.3,	102.3,	243.6,	1.8);	(
(386871.2, 3771927.0,	102.5,	243.6,	1.8);	(
386870.6, 3771902.7,	102.5,	243.6,	1.8);	(
(386869.9, 3771878.4,	102.7,	243.6,	1.8);	(
386869.3, 3771854.1,	103.1,	243.6,	1.8);	(
(386868.6, 3771829.8,	102.8,	243.6,	1.8);	(
386867.9, 3771805.4,	102.2,	243.6,	1.8);	(
(386867.3, 3771781.1,	100.8,	243.6,	1.8);	(
386866.6, 3771756.8,	100.5,	243.6,	1.8);	(
(386865.9, 3771732.5,	100.1,	243.6,	1.8);	(
386865.3, 3771708.2,	99.7,	243.6,	1.8);	(
(386864.6, 3771683.9,	93.2,	243.6,	1.8);	(
386853.0, 3771663.5,	89.3,	243.6,	1.8);	(
(386818.8, 3771641.7,	90.2,	243.6,	1.8);	(
386783.4, 3771628.3,	103.6,	243.6,	1.8);	(
(386761.3, 3771638.9,	123.7,	226.7,	1.8);	(
386744.7, 3771665.1,	132.9,	226.3,	1.8);	(
(386743.9, 3771689.2,	136.5,	226.3,	1.8);	(
386743.0, 3771713.3,	129.8,	226.7,	1.8);	(
(386742.2, 3771737.5,	117.5,	239.3,	1.8);	(
386741.4, 3771761.6,	111.7,	243.6,	1.8);	(
(386740.6, 3771785.8,	108.9,	243.6,	1.8);	(
386739.8, 3771809.9,	98.9,	243.6,	1.8);	(

(386738.9, 3771834.0,	92.2,	243.6,	1.8);	(
386738.1, 3771858.1,	90.0,	243.6,	1.8);	
(386737.3, 3771882.3,	90.1,	243.6,	1.8);	(
386736.5, 3771906.4,	90.2,	243.6,	1.8);	
(386735.6, 3771930.5,	90.3,	243.6,	1.8);	(
386734.8, 3771954.7,	90.4,	243.6,	1.8);	
(386734.0, 3771978.8,	90.5,	243.6,	1.8);	(
386733.2, 3772002.9,	90.5,	243.6,	1.8);	
(386732.3, 3772027.1,	90.6,	243.6,	1.8);	(
386731.5, 3772051.2,	90.7,	243.6,	1.8);	
(386730.7, 3772075.3,	90.8,	243.6,	1.8);	(
386728.2, 3772098.2,	90.9,	243.6,	1.8);	
(386725.6, 3772122.8,	91.0,	243.6,	1.8);	(
386723.0, 3772147.4,	91.1,	243.6,	1.8);	
(386720.5, 3772172.0,	91.2,	243.6,	1.8);	(
386717.9, 3772196.6,	91.3,	243.6,	1.8);	
(386715.3, 3772221.2,	91.3,	243.6,	1.8);	(
386712.7, 3772245.8,	91.4,	243.6,	1.8);	
(386710.1, 3772270.4,	91.7,	243.6,	1.8);	(
386707.5, 3772295.0,	92.0,	243.6,	1.8);	
(386704.9, 3772319.6,	92.0,	243.6,	1.8);	(
386702.3, 3772344.2,	92.1,	243.6,	1.8);	
(386699.7, 3772368.8,	92.0,	243.6,	1.8);	(
386697.1, 3772393.5,	92.1,	243.6,	1.8);	
(386694.6, 3772418.1,	92.9,	243.6,	1.8);	(
386692.0, 3772442.7,	93.1,	243.6,	1.8);	
(386689.4, 3772467.3,	93.2,	243.6,	1.8);	(
386686.8, 3772491.9,	93.5,	243.6,	1.8);	
(386684.2, 3772516.5,	93.4,	255.5,	1.8);	(
386676.0, 3772562.3,	93.0,	261.3,	1.8);	
(386671.8, 3772586.1,	93.2,	261.3,	1.8);	(
386667.7, 3772609.9,	93.3,	261.3,	1.8);	
(386663.5, 3772633.6,	93.3,	262.5,	1.8);	(
386659.3, 3772657.4,	93.4,	262.7,	1.8);	
(386655.1, 3772681.2,	93.7,	262.7,	1.8);	(
386650.9, 3772705.0,	94.0,	262.7,	1.8);	
(386646.7, 3772728.8,	93.6,	262.7,	1.8);	(
386642.5, 3772752.5,	94.2,	268.9,	1.8);	
(386625.7, 3772787.5,	94.3,	269.0,	1.8);	(
386616.4, 3772808.1,	94.4,	269.2,	1.8);	
(386607.0, 3772828.6,	94.5,	269.2,	1.8);	(
386597.7, 3772849.1,	93.8,	269.2,	1.8);	
(386574.8, 3772882.9,	93.9,	269.2,	1.8);	(
386562.4, 3772901.5,	93.9,	269.2,	1.8);	
(386549.4, 3772922.0,	94.1,	269.2,	1.8);	(
386536.8, 3772942.0,	94.2,	269.2,	1.8);	
(386524.1, 3772961.9,	95.1,	269.2,	1.8);	(
386511.5, 3772981.9,	95.6,	269.2,	1.8);	
(386498.8, 3773001.9,	96.0,	269.2,	1.8);	(
386486.1, 3773021.9,	95.9,	269.2,	1.8);	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(386473.5, 3773041.9,	95.1,	269.2,	1.8);	(
386447.3, 3773073.6,	96.1,	269.2,	1.8);	(
(386419.3, 3773107.8,	95.2,	269.2,	1.8);	(
386391.3, 3773142.0,	96.7,	269.2,	1.8);	(
(386359.8, 3773161.1,	96.6,	269.2,	1.8);	(
386322.5, 3773185.3,	96.3,	269.2,	1.8);	(
(386286.2, 3773207.0,	97.2,	269.2,	1.8);	(
386247.8, 3773227.9,	97.8,	269.2,	1.8);	(
(386209.3, 3773248.9,	98.0,	268.9,	1.8);	(
386170.8, 3773269.9,	97.1,	262.7,	1.8);	(
(386139.8, 3773279.8,	97.4,	262.5,	1.8);	(
386097.9, 3773284.5,	98.0,	261.3,	1.8);	(
(386055.9, 3773289.1,	97.1,	261.3,	1.8);	(
386031.7, 3773292.1,	97.6,	260.8,	1.8);	(
(386008.3, 3773297.9,	98.0,	243.6,	1.8);	(
385985.0, 3773303.7,	97.8,	243.6,	1.8);	(
(385961.7, 3773309.5,	98.4,	243.6,	1.8);	(
385938.4, 3773315.4,	98.2,	243.6,	1.8);	(
(385915.1, 3773330.8,	100.7,	243.6,	1.8);	(
385887.2, 3773352.5,	103.6,	243.6,	1.8);	(
(385871.6, 3773388.4,	105.7,	243.6,	1.8);	(
385864.6, 3773411.7,	106.6,	243.6,	1.8);	(
(385872.7, 3773438.2,	107.1,	243.6,	1.8);	(
385906.9, 3773466.2,	106.8,	243.6,	1.8);	(
(385919.1, 3773446.8,	106.7,	243.6,	1.8);	(
385891.9, 3773486.8,	106.9,	243.6,	1.8);	(
(385878.3, 3773506.8,	107.2,	243.6,	1.8);	(
385864.7, 3773526.8,	107.2,	243.6,	1.8);	(
(385851.1, 3773546.8,	107.2,	243.6,	1.8);	(
385837.5, 3773566.8,	107.1,	243.6,	1.8);	(
(385824.0, 3773586.9,	107.2,	243.6,	1.8);	(
385810.3, 3773606.9,	107.2,	243.6,	1.8);	(
(385796.8, 3773626.9,	107.2,	243.6,	1.8);	(
385783.1, 3773646.9,	107.2,	243.6,	1.8);	(
(385769.6, 3773666.9,	107.3,	243.6,	1.8);	(
385756.0, 3773686.9,	107.3,	243.6,	1.8);	(
(385742.4, 3773706.9,	107.3,	243.6,	1.8);	(
385728.8, 3773726.9,	107.2,	243.6,	1.8);	(
(385715.2, 3773746.9,	107.3,	242.1,	1.8);	(
385701.6, 3773766.9,	107.5,	242.1,	1.8);	(

(385688.0, 3773786.9, 107.7, 242.1, 1.8); (

385674.4, 3773806.9, 107.6, 242.1, 1.8);

(385660.8, 3773827.0, 108.3, 242.1, 1.8); (

385647.2, 3773847.0, 108.5, 242.1, 1.8);

(385633.6, 3773867.0, 108.8, 242.1, 1.8); (

385620.0, 3773887.0, 109.0, 242.1, 1.8);

(385606.4, 3773907.0, 109.1, 242.1, 1.8); (

385592.8, 3773927.0, 108.8, 242.1, 1.8);

(385581.3, 3773951.9, 108.7, 242.1, 1.8); (

385572.0, 3773972.9, 108.7, 242.1, 1.8);

(385553.8, 3774009.1, 108.8, 242.0, 1.8); (

385543.1, 3774031.2, 109.0, 223.5, 1.8);

(385535.4, 3774054.8, 109.0, 223.0, 1.8); (

385527.7, 3774078.4, 109.1, 222.6, 1.8);

(385520.0, 3774102.0, 109.2, 217.0, 1.8); (

385512.3, 3774125.5, 109.4, 217.0, 1.8);

(385504.7, 3774149.1, 109.6, 109.6, 1.8); (

385497.0, 3774172.7, 109.6, 109.6, 1.8);

(385489.3, 3774196.3, 110.0, 110.0, 1.8); (

385481.6, 3774219.9, 110.2, 110.2, 1.8);

(385474.0, 3774243.5, 110.0, 110.0, 1.8); (

385466.3, 3774267.1, 109.9, 109.9, 1.8);

(385458.6, 3774290.6, 105.6, 110.8, 1.8); (

385450.9, 3774314.2, 102.5, 111.3, 1.8);

(385443.2, 3774337.8, 100.9, 111.6, 1.8); (

385435.6, 3774361.4, 100.6, 111.9, 1.8);

(385427.9, 3774385.0, 100.7, 112.0, 1.8); (

385420.2, 3774408.6, 100.8, 112.1, 1.8);

(385412.5, 3774432.2, 100.9, 112.2, 1.8); (

385398.0, 3774470.2, 101.1, 112.4, 1.8);

(385383.1, 3774509.3, 101.2, 112.5, 1.8); (

385366.4, 3774543.6, 101.3, 112.8, 1.8);

(385344.0, 3774580.9, 101.4, 113.0, 1.8); (

385321.6, 3774618.2, 101.5, 113.1, 1.8);

(385295.1, 3774653.3, 101.8, 113.4, 1.8); (

385281.1, 3774672.0, 101.9, 113.4, 1.8);

(385267.1, 3774690.6, 102.0, 113.5, 1.8); (

385253.1, 3774709.3, 102.0, 113.7, 1.8);

(385239.1, 3774727.9, 102.1, 113.8, 1.8); (

385211.6, 3774762.3, 104.1, 113.9, 1.8);

(385183.7, 3774797.2, 107.7, 112.5, 1.8); (

385168.8, 3774816.0, 110.0, 112.2, 1.8);

(385154.1, 3774834.6, 111.5, 111.5, 1.8); (

385139.3, 3774853.3, 112.1, 112.1, 1.8);

(385124.5, 3774871.9, 112.2, 112.2, 1.8); (

385109.8, 3774890.6, 112.5, 112.5, 1.8);

(385095.0, 3774909.2, 112.4, 112.4, 1.8); (

385081.0, 3774932.5, 112.4, 112.4, 1.8);

(385068.8, 3774953.1, 112.5, 112.5, 1.8); (

385056.7, 3774973.6, 112.6, 112.6, 1.8);

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(385044.6, 3774994.1, 112.3, 112.3, 1.8);	(
385032.5, 3775014.6, 112.2, 112.2, 1.8);	(
(385023.1, 3775041.0, 111.7, 111.7, 1.8);	(
385015.9, 3775062.6, 111.4, 126.3, 1.8);	(
(385008.7, 3775084.3, 111.1, 126.5, 1.8);	(
385001.5, 3775105.9, 111.0, 126.5, 1.8);	(
(384994.3, 3775127.5, 113.4, 126.5, 1.8);	(
384987.1, 3775149.1, 111.6, 126.5, 1.8);	(
(384979.8, 3775170.7, 118.3, 126.5, 1.8);	(
384972.6, 3775192.3, 125.8, 125.8, 1.8);	(
(384965.4, 3775213.9, 126.2, 126.2, 1.8);	(
384958.2, 3775235.6, 123.7, 126.4, 1.8);	(
(384951.0, 3775257.2, 116.6, 126.5, 1.8);	(
384963.0, 3775287.1, 116.4, 126.5, 1.8);	(
(384998.0, 3775305.8, 117.1, 127.2, 1.8);	(
385032.9, 3775324.4, 117.4, 127.3, 1.8);	(
(385068.1, 3775311.0, 119.8, 127.3, 1.8);	(
385076.3, 3775288.9, 118.4, 127.3, 1.8);	(
(385084.5, 3775266.7, 116.2, 127.3, 1.8);	(
385092.6, 3775244.6, 115.3, 127.3, 1.8);	(
(385100.8, 3775222.4, 115.2, 127.3, 1.8);	(
385108.9, 3775200.3, 115.1, 127.3, 1.8);	(
(385117.1, 3775178.2, 115.1, 127.1, 1.8);	(
385125.2, 3775156.0, 115.3, 115.3, 1.8);	(
(384974.8, 3775265.1, 116.4, 126.5, 1.8);	(
385054.0, 3775027.3, 112.2, 112.2, 1.8);	(
(385114.6, 3774924.8, 112.6, 112.6, 1.8);	(
385203.2, 3774812.9, 112.1, 112.1, 1.8);	(
(385259.1, 3774742.9, 108.7, 112.0, 1.8);	(
385343.1, 3774631.0, 104.7, 113.1, 1.8);	(
(385399.0, 3774537.8, 103.4, 112.7, 1.8);	(
385436.3, 3774439.9, 102.5, 112.2, 1.8);	(
(385566.8, 3774038.9, 109.2, 242.0, 1.8);	(
385594.8, 3773983.0, 109.3, 242.1, 1.8);	(
(385613.5, 3773941.0, 109.1, 242.1, 1.8);	(
385939.8, 3773460.8, 106.9, 243.6, 1.8);	(
(385888.5, 3773418.9, 106.9, 243.6, 1.8);	(
385902.5, 3773372.3, 105.7, 243.6, 1.8);	(
(385944.5, 3773339.6, 105.4, 243.6, 1.8);	(
386037.7, 3773316.3, 104.3, 243.6, 1.8);	(

(386163.6, 3773302.3,	104.7,	261.3,	1.8);	(
386317.4, 3773218.4,	97.4,	269.2,	1.8);	
(386410.7, 3773157.8,	97.4,	269.2,	1.8);	(
386494.6, 3773055.2,	95.7,	269.2,	1.8);	
(386583.2, 3772915.4,	94.5,	269.2,	1.8);	(
386620.5, 3772859.4,	93.3,	269.2,	1.8);	
(386667.1, 3772756.9,	92.9,	269.2,	1.8);	(
386709.1, 3772519.1,	91.8,	261.3,	1.8);	
(386755.7, 3772076.2,	91.8,	243.6,	1.8);	(
386769.7, 3771665.9,	118.1,	227.4,	1.8);	
(386779.0, 3771656.6,	110.6,	237.0,	1.8);	(
386788.3, 3771651.9,	102.3,	243.6,	1.8);	
(386839.6, 3771684.6,	89.4,	243.6,	1.8);	(
386848.9, 3772024.9,	101.8,	243.6,	1.8);	
(386890.9, 3772155.4,	102.5,	243.6,	1.8);	(
386914.2, 3772309.3,	103.2,	243.6,	1.8);	
(386923.5, 3772453.8,	104.8,	243.6,	1.8);	(
386895.5, 3772617.0,	103.7,	262.2,	1.8);	
(386848.9, 3772752.2,	104.8,	268.9,	1.8);	(
386774.3, 3772892.1,	105.3,	269.2,	1.8);	
(386685.8, 3773017.9,	104.8,	269.2,	1.8);	(
386611.2, 3773125.2,	104.9,	269.2,	1.8);	
(386499.3, 3773223.1,	105.6,	269.2,	1.8);	(
386294.1, 3773325.6,	106.5,	269.2,	1.8);	
(386210.2, 3773367.6,	106.6,	262.6,	1.8);	(
386079.7, 3773474.8,	104.2,	261.3,	1.8);	
(386280.1, 3773596.0,	107.1,	269.2,	1.8);	(
386228.9, 3773666.0,	107.9,	269.2,	1.8);	
(386005.1, 3773516.8,	107.5,	243.6,	1.8);	(
385655.4, 3774011.0,	109.4,	242.1,	1.8);	
(385883.9, 3774150.8,	114.6,	242.1,	1.8);	(
385860.6, 3774197.5,	114.1,	242.1,	1.8);	
(385641.4, 3774043.6,	109.4,	242.1,	1.8);	(
385496.9, 3774486.5,	111.3,	111.3,	1.8);	
(385417.6, 3774649.7,	112.1,	112.1,	1.8);	(
385310.4, 3774766.2,	113.1,	113.1,	1.8);	
(385361.7, 3774812.9,	113.0,	113.0,	1.8);	(
385277.8, 3774924.8,	113.7,	113.7,	1.8);	
(385399.0, 3774990.0,	114.5,	114.5,	1.8);	(
385380.4, 3775032.0,	114.5,	114.5,	1.8);	
(385273.1, 3774943.4,	114.6,	114.6,	1.8);	(
385231.2, 3774948.1,	114.1,	114.1,	1.8);	
(385207.9, 3774938.7,	113.7,	113.7,	1.8);	(
385147.2, 3775027.3,	114.5,	114.5,	1.8);	
(385110.0, 3775125.2,	115.4,	115.4,	1.8);	(
385044.7, 3775302.4,	117.2,	127.3,	1.8);	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF

METEOROLOGICAL DATA ***

Surface file: CELA_v9.SFC
 Met Version: 16216
 Profile file: CELA_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 93134
 3190

Upper air station no.:

UNKNOWN Name: UNKNOWN

Name:

UNKNOWN

Year: 2010

Year:

2010

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					
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	01	01	1	01	-33.0	0.331	-9.000	-9.000	-999.	456.	120.2	0.56	
0.86	1.00			3.10	38.	21.3	284.9	17.7					
10	01	01	1	02	-26.9	0.285	-9.000	-9.000	-999.	367.	89.6	0.56	
0.86	1.00			2.70	38.	21.3	284.2	17.7					
10	01	01	1	03	-38.6	0.387	-9.000	-9.000	-999.	577.	164.6	0.56	
0.86	1.00			3.60	35.	21.3	284.2	17.7					
10	01	01	1	04	-33.0	0.331	-9.000	-9.000	-999.	458.	120.2	0.56	
0.86	1.00			3.10	34.	21.3	283.8	17.7					
10	01	01	1	05	-33.1	0.331	-9.000	-9.000	-999.	456.	120.2	0.56	
0.86	1.00			3.10	37.	21.3	283.1	17.7					
10	01	01	1	06	-38.7	0.387	-9.000	-9.000	-999.	577.	164.5	0.56	
0.86	1.00			3.60	24.	21.3	283.1	17.7					
10	01	01	1	07	-38.6	0.387	-9.000	-9.000	-999.	577.	164.5	0.56	
0.86	1.00			3.60	35.	21.3	283.8	17.7					
10	01	01	1	08	-29.6	0.435	-9.000	-9.000	-999.	688.	251.8	0.56	
0.86	0.55			4.00	35.	21.3	283.8	17.7					
10	01	01	1	09	30.0	0.426	0.367	0.008	59.	666.	-232.0	0.56	
0.86	0.32			3.60	38.	21.3	286.4	17.7					
10	01	01	1	10	72.3	0.359	0.629	0.008	124.	519.	-57.8	0.56	
0.86	0.24			2.70	34.	21.3	290.4	17.7					
10	01	01	1	11	104.4	0.321	0.998	0.008	344.	437.	-28.6	0.56	
0.86	0.21			2.20	43.	21.3	292.5	17.7					
10	01	01	1	12	115.1	0.283	1.156	0.008	484.	363.	-17.9	0.56	
0.86	0.20			1.80	62.	21.3	295.9	17.7					
10	01	01	1	13	91.4	0.406	1.130	0.008	568.	622.	-66.2	0.56	
0.86	0.20			3.10	263.	21.3	294.2	17.7					

10	01	01	1	14	89.3	0.316	1.168	0.008	642.	432.	-31.9	0.56
0.86	0.21			2.20	259.	21.3	294.9	17.7				
10	01	01	1	15	42.6	0.295	0.928	0.008	675.	384.	-54.0	0.56
0.86	0.25			2.20	267.	21.3	294.9	17.7				
10	01	01	1	16	12.0	0.359	0.609	0.008	680.	516.	-347.9	0.56
0.86	0.33			3.10	264.	21.3	292.5	17.7				
10	01	01	1	17	-15.7	0.231	-9.000	-9.000	-999.	276.	70.7	0.56
0.86	0.60			2.20	288.	21.3	290.9	17.7				
10	01	01	1	18	-6.1	0.135	-9.000	-9.000	-999.	124.	36.7	0.56
0.86	1.00			1.30	344.	21.3	289.2	17.7				
10	01	01	1	19	-11.4	0.184	-9.000	-9.000	-999.	190.	49.2	0.56
0.86	1.00			1.80	2.	21.3	288.8	17.7				
10	01	01	1	20	-17.4	0.229	-9.000	-9.000	-999.	263.	62.1	0.56
0.86	1.00			2.20	22.	21.3	288.1	17.7				
10	01	01	1	21	-17.4	0.229	-9.000	-9.000	-999.	263.	61.9	0.56
0.86	1.00			2.20	40.	21.3	287.0	17.7				
10	01	01	1	22	-11.5	0.184	-9.000	-9.000	-999.	190.	49.1	0.56
0.86	1.00			1.80	306.	21.3	287.0	17.7				
10	01	01	1	23	-11.5	0.184	-9.000	-9.000	-999.	190.	49.0	0.56
0.86	1.00			1.80	45.	21.3	286.4	17.7				
10	01	01	1	24	-11.5	0.184	-9.000	-9.000	-999.	190.	49.0	0.56
0.86	1.00			1.80	67.	21.3	286.4	17.7				

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	17.7	0	-999.	-99.00	284.9	99.0	-99.00	-99.00
10	01	01	01	21.3	1	38.	3.10	-999.0	99.0	-99.00	-99.00

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF CO	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
385133.31	3775134.13	182.01141	(14061006)	
385148.23	3775094.97	183.57093	(15090206)	
385163.15	3775055.80	188.35062	(15090206)	
385180.00	3775023.72	188.47589	(15090206)	
385204.25	3774988.29	180.62355	(15090206)	
385228.49	3774952.86	178.05509	(15090206)	
385198.57	3774961.95	221.07149	(14041506)	
385254.92	3774970.58	142.67160	(15090206)	
385292.95	3774992.20	117.90331	(15090206)	
385310.82	3775006.96	108.37723	(15090206)	
385328.69	3775021.73	99.42393	(15090206)	
385346.57	3775036.49	91.37031	(15090206)	
385364.44	3775051.25	84.89005	(14032106)	
385403.20	3775042.14	79.13470	(16052406)	
385412.53	3775021.16	80.76468	(16052406)	
385421.85	3775000.19	82.45334	(16052406)	
385410.86	3774968.02	88.40226	(16052406)	
385390.66	3774957.14	94.14609	(14032106)	
385370.46	3774946.26	101.81310	(15090206)	
385350.25	3774935.38	112.25586	(15090206)	
385330.05	3774924.50	124.06558	(15090206)	
385309.85	3774913.63	137.85754	(15090206)	
385339.75	3774883.82	134.95239	(15090206)	
385353.74	3774865.17	135.31683	(15090206)	
385367.72	3774846.52	135.30195	(15090206)	
385381.71	3774827.87	134.42269	(15090206)	
385378.53	3774794.37	153.34792	(15090206)	
385361.44	3774778.83	183.08681	(15090206)	
385344.34	3774763.29	225.98616	(15090206)	
385374.78	3774733.22	210.96942	(15090206)	

	385390.10	3774716.57	202.21320	(15090206)
385405.41	3774699.92	192.47018	(15090206)	
	385420.73	3774683.27	183.76469	(16052406)
385436.05	3774666.62	180.82336	(16052406)	
	385450.04	3774640.22	183.60074	(16052406)
385459.95	3774619.82	187.01233	(16052406)	
	385469.86	3774599.42	189.24851	(16052406)
385479.77	3774579.03	190.94717	(16052406)	
	385489.67	3774558.63	193.15487	(16052406)
385499.58	3774538.24	194.66022	(16052406)	
	385509.49	3774517.84	194.50591	(14061006)
385519.40	3774497.44	189.24493	(14061006)	
	385528.28	3774470.96	191.00060	(14061006)
385535.89	3774447.65	197.28439	(14061006)	
	385543.50	3774424.34	197.30883	(14061006)
385551.10	3774401.03	197.57163	(14061006)	
	385558.71	3774377.72	202.18191	(15061106)
385566.32	3774354.41	204.88879	(15061106)	
	385573.92	3774331.10	204.56780	(15061106)
385581.53	3774307.79	205.90442	(15061106)	
	385589.14	3774284.48	205.56110	(15061106)
385596.75	3774261.16	205.53214	(14060506)	
	385604.35	3774237.85	205.52907	(14060506)
385611.96	3774214.54	204.83670	(14060506)	
	385619.57	3774191.23	207.06999	(14060506)
385627.17	3774167.92	205.55875	(14092607)	
	385634.78	3774144.61	206.51862	(14060506)
385642.39	3774121.30	206.78518	(14060506)	
	385649.99	3774097.99	206.73952	(14060506)
385657.60	3774074.68	206.09929	(14060506)	
	385686.83	3774106.03	148.66794	(15061106)
385706.75	3774120.02	128.68721	(15061106)	
	385726.67	3774134.00	112.65667	(15061106)
385746.59	3774147.99	101.72427	(15061106)	
	385766.51	3774161.97	90.97014	(16072806)
385786.43	3774175.96	82.50430	(16072806)	
	385806.35	3774189.95	77.10981	(16072606)
385826.27	3774203.93	72.82809	(16072606)	
	385846.19	3774217.92	69.02295	(16072606)
385874.80	3774215.17	67.24825	(15090206)	
	385890.69	3774193.10	67.46548	(15090206)
385906.23	3774162.02	68.41655	(15090206)	
	385896.92	3774129.52	72.10186	(15090206)
385876.16	3774116.80	75.71050	(15090206)	
	385855.39	3774104.09	79.85797	(15090206)
385834.62	3774091.37	84.26130	(15090206)	
	385813.85	3774078.66	89.01749	(15090206)
385793.08	3774065.95	95.69006	(15061106)	
	385772.31	3774053.23	105.97344	(15061106)
385751.55	3774040.52	119.81820	(15061106)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
385730.78	3774027.80	138.93539	(15061106)	
385710.01	3774015.09	165.53572	(14060506)	
385689.24	3774002.37	203.34757	(14060506)	
385717.79	3773966.12	188.33098	(15090206)	
385731.77	3773946.35	188.65468	(15090206)	
385745.76	3773926.58	187.47597	(15090206)	
385759.75	3773906.81	186.54446	(15090206)	
385773.73	3773887.05	185.88609	(15090206)	
385787.72	3773867.28	186.15681	(15090206)	
385801.71	3773847.51	183.48792	(15090206)	
385815.69	3773827.74	182.94566	(14061006)	
385829.68	3773807.98	185.52293	(14061006)	
385843.67	3773788.21	185.22353	(16052406)	
385857.65	3773768.44	183.89066	(16052406)	
385871.64	3773748.67	183.60195	(15090206)	
385885.62	3773728.91	184.35199	(15090206)	
385899.61	3773709.14	185.98243	(15090206)	
385913.60	3773689.37	188.82948	(15090206)	
385927.58	3773669.60	193.49922	(15090206)	
385941.57	3773649.84	200.26046	(15090206)	
385955.56	3773630.07	208.73741	(15090206)	
385969.54	3773610.30	224.29288	(14062606)	
385983.53	3773590.53	245.73371	(14062606)	
385997.52	3773570.76	270.65896	(14062606)	
386011.50	3773551.00	311.94034	(16052406)	
386025.49	3773531.23	383.29578	(14061006)	
385991.21	3773537.59	414.01379	(14062606)	
386031.90	3773564.72	255.31884	(14061006)	
386052.24	3773578.28	211.48285	(16063006)	
386072.59	3773591.84	179.30598	(16063006)	

	386092.93	3773605.40	154.46512	(16060306)
386113.27	3773618.97	136.98836	(16060306)	
	386133.62	3773632.53	122.60540	(16060306)
386153.96	3773646.09	110.87304	(16070106)	
	386174.31	3773659.66	102.33228	(16070106)
386194.65	3773673.22	94.92367	(16070106)	
	386214.99	3773686.78	88.58292	(16070106)
386249.02	3773680.77	84.56311	(16070106)	
	386274.66	3773645.80	85.27480	(16060906)
386300.31	3773610.84	87.81042	(16060906)	
	386293.09	3773574.66	95.22510	(16060906)
386273.04	3773562.54	102.73572	(16060906)	
	386252.99	3773550.41	111.54731	(16060906)
386232.94	3773538.29	122.21571	(16060906)	
	386212.90	3773526.17	135.40111	(16060906)
386192.85	3773514.05	151.84744	(16060906)	
	386172.80	3773501.93	173.27839	(16060906)
386152.76	3773489.81	202.20370	(16060906)	
	386132.71	3773477.69	238.59423	(16060906)
386112.66	3773465.57	334.70440	(14032507)	
	386151.49	3773448.20	264.83022	(14032507)
386170.14	3773432.88	248.57270	(14032507)	
	386188.79	3773417.57	234.39088	(14021808)
386207.44	3773402.25	241.78832	(14021808)	
	386226.09	3773386.93	234.44532	(14021808)
386263.36	3773368.99	212.28674	(14021808)	
	386284.33	3773358.50	203.61354	(14021808)
386305.31	3773348.01	199.76560	(14032507)	
	386325.82	3773337.75	197.57239	(14021808)
386346.34	3773327.50	189.03888	(14021808)	
	386366.85	3773317.24	180.91629	(14021808)
386387.37	3773306.98	175.86798	(14021808)	
	386407.88	3773296.73	171.32329	(14021808)
386428.39	3773286.47	172.05477	(14021808)	
	386448.91	3773276.21	167.39663	(14021808)
386469.42	3773265.95	159.00294	(14021808)	
	386489.94	3773255.70	147.70827	(14021808)
386510.45	3773245.44	142.20812	(14021808)	
	386534.38	3773225.58	139.42779	(14021808)
386553.03	3773209.26	135.39085	(14021808)	
	386571.68	3773192.94	131.51452	(14021808)
386590.33	3773176.63	128.56057	(16052406)	
	386608.97	3773160.31	128.53210	(14061006)
386627.62	3773143.99	127.74932	(14061006)	
	386644.11	3773121.58	128.79112	(14061006)
386668.98	3773085.84	127.90309	(16070406)	
	386693.84	3773050.10	127.95615	(16070406)
386718.85	3773014.35	128.40285	(16070406)	
	386744.16	3772978.39	128.22329	(16070406)
386769.47	3772942.42	129.92041	(14041506)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF CO	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
386794.78	3772906.46	128.65104	(14041506)	
386807.05	3772883.86	125.61270	(14041506)	
386828.36	3772843.90	122.23209	(14041506)	
386839.02	3772823.92	122.64944	(14041506)	
386849.67	3772803.94	122.02978	(14041506)	
386860.33	3772783.96	121.26250	(14041506)	
386870.99	3772763.98	120.38643	(14041506)	
386880.33	3772737.82	120.90082	(14041506)	
386888.10	3772715.29	121.06859	(14041506)	
386895.87	3772692.75	119.79521	(14041506)	
386903.64	3772670.22	118.52872	(14041506)	
386911.41	3772647.68	117.10724	(14041506)	
386919.18	3772625.15	115.82149	(14041506)	
386924.19	3772597.91	115.76030	(14041506)	
386928.18	3772574.60	115.81678	(16072606)	
386932.18	3772551.29	116.86631	(16072806)	
386936.17	3772527.98	118.55497	(15061106)	
386940.17	3772504.67	119.98153	(15061106)	
386944.16	3772481.36	121.12612	(15061106)	
386948.16	3772458.05	122.02258	(15061106)	
386946.91	3772428.13	125.82710	(15061106)	
386945.36	3772404.04	128.66825	(15061106)	
386943.81	3772379.96	133.13895	(10051106)	
386942.25	3772355.87	134.17294	(15061106)	
386940.70	3772331.78	134.80389	(14060506)	
386939.15	3772307.69	134.07020	(15061106)	
386935.59	3772283.58	136.90340	(15061106)	
386928.93	3772239.62	150.65330	(14060506)	
386922.27	3772195.66	155.69504	(14060506)	
386915.61	3772151.70	161.38919	(14060506)	

	386907.70	3772126.04	168.45731	(14060506)
386900.70	3772104.29	168.43127	(14060506)	
	386893.71	3772082.53	177.49068	(14060506)
386886.72	3772060.78	185.10015	(14060506)	
	386879.72	3772039.02	195.31546	(15052106)
386872.73	3772017.27	205.47602	(15052106)	
	386872.59	3771975.61	216.97483	(15052106)
386871.92	3771951.30	213.17305	(15052106)	
	386871.25	3771926.99	212.64124	(14021908)
386870.59	3771902.68	212.58351	(14021908)	
	386869.92	3771878.37	207.47898	(14021908)
386869.26	3771854.06	217.88163	(16071406)	
	386868.59	3771829.75	215.13774	(14021908)
386867.92	3771805.44	211.01645	(14021908)	
	386867.26	3771781.13	199.89402	(14021908)
386866.59	3771756.82	201.47820	(14021908)	
	386865.92	3771732.51	195.55904	(14021908)
386865.26	3771708.20	189.77910	(14021908)	
	386864.59	3771683.89	183.16758	(14060406)
386853.02	3771663.49	174.92647	(14060406)	
	386818.83	3771641.73	168.10058	(14070706)
386783.38	3771628.28	150.03722	(14070706)	
	386761.31	3771638.93	181.92900	(16062906)
386744.68	3771665.08	145.66697	(14052006)	
	386743.86	3771689.21	140.01393	(16012007)
386743.04	3771713.35	151.74712	(16053106)	
	386742.22	3771737.48	174.70088	(15061506)
386741.39	3771761.61	182.60963	(10071306)	
	386740.57	3771785.75	185.40378	(10071306)
386739.75	3771809.88	175.99142	(15062406)	
	386738.92	3771834.01	172.01441	(15062406)
386738.10	3771858.15	173.97290	(15062406)	
	386737.28	3771882.28	174.88422	(15062406)
386736.46	3771906.41	177.29978	(15062406)	
	386735.63	3771930.55	180.03932	(15062406)
386734.81	3771954.68	182.89815	(15062406)	
	386733.99	3771978.81	186.35095	(15062406)
386733.16	3772002.95	190.46063	(15062406)	
	386732.34	3772027.08	194.08260	(15062406)
386731.52	3772051.21	199.98675	(14070306)	
	386730.69	3772075.35	201.20539	(16031406)
386728.23	3772098.19	187.99607	(15062406)	
	386725.64	3772122.79	184.12294	(14051606)
386723.05	3772147.40	178.58977	(14092907)	
	386720.46	3772172.01	173.70989	(15062406)
386717.87	3772196.61	170.02944	(15062406)	
	386715.28	3772221.22	172.17931	(15062406)
386712.69	3772245.82	167.67114	(14061206)	
	386710.10	3772270.43	174.08723	(14070306)
386707.51	3772295.03	185.33731	(16031406)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF CO	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
386704.92	3772319.64	189.71115	(10031907)	
386702.33	3772344.24	190.20684	(15101307)	
386699.74	3772368.85	179.63523	(15061906)	
386697.15	3772393.46	180.21331	(14070206)	
386694.56	3772418.06	181.95363	(14070206)	
386691.97	3772442.67	183.31678	(14061206)	
386689.38	3772467.27	184.33324	(15063006)	
386686.79	3772491.88	191.84764	(15063006)	
386684.20	3772516.48	196.24813	(15063006)	
386676.05	3772562.31	184.40314	(14062606)	
386671.85	3772586.09	183.74306	(14062606)	
386667.66	3772609.86	182.77140	(14062606)	
386663.46	3772633.64	176.01621	(15020908)	
386659.26	3772657.42	176.18539	(15020908)	
386655.07	3772681.19	176.54668	(15121006)	
386650.87	3772704.97	191.39187	(14062506)	
386646.68	3772728.75	186.44997	(16080906)	
386642.48	3772752.53	191.89815	(15063006)	
386625.69	3772787.55	173.71415	(14073106)	
386616.37	3772808.07	176.44464	(14062606)	
386607.04	3772828.58	169.62411	(14062606)	
386597.72	3772849.10	163.17916	(14062606)	
386574.82	3772882.87	159.68235	(14021908)	
386562.39	3772901.51	159.33915	(14021908)	
386549.41	3772921.98	159.68195	(14021908)	
386536.76	3772941.96	160.31436	(15052106)	
386524.10	3772961.94	160.98622	(15052106)	
386511.45	3772981.92	173.39690	(15020908)	
386498.79	3773001.90	180.59327	(15020908)	
386486.14	3773021.88	177.53709	(15020908)	

	386473.48	3773041.86	168.93422	(15020908)
386447.28	3773073.60	173.23760	(14060506)	
	386419.31	3773107.79	191.76125	(14060506)
386391.34	3773141.98	220.26977	(14060506)	
	386359.77	3773161.09	223.30046	(14060506)
386322.47	3773185.34	241.03532	(14060506)	
	386286.24	3773206.96	252.20236	(14060506)
386247.77	3773227.94	260.25577	(14060506)	
	386209.31	3773248.92	271.67487	(15052106)
386170.85	3773269.90	279.90089	(15052106)	
	386139.85	3773279.82	274.58635	(14021908)
386097.90	3773284.48	256.54850	(14060406)	
	386055.94	3773289.14	229.77298	(16062406)
386031.66	3773292.07	213.77069	(14060406)	
	386008.34	3773297.89	200.90563	(16062406)
385985.03	3773303.72	187.33393	(15070106)	
	385961.72	3773309.55	173.85948	(15062406)
385938.41	3773315.38	163.04135	(14061206)	
	385915.13	3773330.78	161.07379	(14070206)
385887.17	3773352.54	174.47915	(15020908)	
	385871.58	3773388.39	203.99851	(15020908)
385864.58	3773411.70	214.07531	(15020908)	
	385872.70	3773438.24	236.02279	(15020908)
385906.88	3773466.21	325.66817	(14062506)	
	385919.13	3773446.80	356.82924	(15020908)
385891.94	3773486.81	311.86989	(15063006)	
	385878.34	3773506.82	305.76625	(15063006)
385864.74	3773526.83	296.45727	(15063006)	
	385851.14	3773546.84	286.58929	(15063006)
385837.55	3773566.85	278.36744	(15063006)	
	385823.95	3773586.86	277.36080	(15063006)
385810.35	3773606.86	264.63797	(15063006)	
	385796.75	3773626.87	258.23072	(15063006)
385783.15	3773646.88	251.29599	(15063006)	
	385769.56	3773666.89	245.94824	(15063006)
385755.96	3773686.90	240.90505	(14073106)	
	385742.36	3773706.91	240.11599	(14073106)
385728.76	3773726.91	239.33361	(14073106)	
	385715.16	3773746.92	242.15229	(15020908)
385701.57	3773766.93	238.66181	(15020908)	
	385687.97	3773786.94	236.51950	(15063006)
385674.37	3773806.95	241.05086	(14073106)	
	385660.77	3773826.96	238.97899	(14073106)
385647.17	3773846.96	237.32996	(14073106)	
	385633.58	3773866.97	236.88680	(14073106)
385619.98	3773886.98	236.88234	(14073106)	
	385606.38	3773906.99	237.19441	(15022008)
385592.78	3773927.00	235.81058	(15022008)	
	385581.29	3773951.88	250.97444	(15022008)
385571.96	3773972.86	243.37281	(15022008)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF CO	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
385553.80	3774009.12	248.97874	(15022008)	
385543.07	3774031.21	250.18552	(15022008)	
385535.39	3774054.80	257.17177	(15022008)	
385527.71	3774078.38	258.39080	(15022008)	
385520.03	3774101.97	261.48463	(15022008)	
385512.35	3774125.55	262.32053	(15022008)	
385504.67	3774149.14	264.93301	(14062606)	
385497.00	3774172.72	269.10140	(14062606)	
385489.32	3774196.31	267.46005	(14062606)	
385481.64	3774219.89	267.34989	(14062606)	
385473.96	3774243.48	265.18819	(14062606)	
385466.28	3774267.06	261.85030	(14062606)	
385458.60	3774290.65	231.04582	(14062606)	
385450.92	3774314.23	227.88242	(14062606)	
385443.24	3774337.82	225.13169	(14062606)	
385435.56	3774361.40	222.56561	(14062606)	
385427.89	3774384.99	232.78504	(14062606)	
385420.21	3774408.58	224.24926	(14062606)	
385412.53	3774432.16	221.61199	(14062606)	
385398.02	3774470.16	200.11144	(14062606)	
385383.11	3774509.32	206.80063	(14062606)	
385366.38	3774543.58	194.90923	(14062606)	
385344.00	3774580.88	189.04075	(14062606)	
385321.62	3774618.18	188.76357	(14062606)	
385295.09	3774653.34	180.41833	(15020908)	
385281.10	3774671.98	184.92391	(15022008)	
385267.11	3774690.63	177.38130	(14062606)	
385253.13	3774709.28	176.02227	(14062606)	
385239.14	3774727.93	177.57827	(14070706)	
385211.65	3774762.28	185.98155	(15070106)	

	385183.68	3774797.25	197.56086	(14070706)
385168.84	3774816.00	202.35244	(14070706)	
	385154.07	3774834.65	203.12662	(14070706)
385139.31	3774853.30	205.49415	(15061606)	
	385124.55	3774871.95	206.85320	(15062506)
385109.78	3774890.59	203.38394	(16062906)	
	385095.02	3774909.24	200.14369	(14052006)
385080.98	3774932.55	201.64169	(10071306)	
	385068.85	3774953.06	206.68759	(15020908)
385056.73	3774973.58	211.11058	(15020908)	
	385044.61	3774994.09	201.65133	(15020908)
385032.49	3775014.60	203.18567	(15022008)	
	385023.09	3775041.03	216.05734	(14062606)
385015.88	3775062.64	223.65834	(14062606)	
	385008.68	3775084.26	230.16859	(14062606)
385001.47	3775105.88	233.53315	(14062606)	
	384994.27	3775127.49	238.19870	(14062606)
384987.06	3775149.11	237.22372	(14062606)	
	384979.85	3775170.72	239.18708	(14062606)
384972.65	3775192.34	223.10739	(14062606)	
	384965.44	3775213.95	220.17644	(14062606)
384958.24	3775235.57	225.96009	(14062606)	
	384951.03	3775257.18	240.29345	(14062606)
384962.98	3775287.15	261.01032	(14062606)	
	384997.95	3775305.80	255.44327	(14111007)
385032.91	3775324.45	218.31720	(15090206)	
	385068.14	3775311.03	173.22087	(16052406)
385076.30	3775288.89	180.94672	(16052406)	
	385084.46	3775266.74	188.87855	(16052406)
385092.61	3775244.60	190.43560	(14061006)	
	385100.77	3775222.45	189.50351	(14061006)
385108.93	3775200.31	187.71131	(14061006)	
	385117.09	3775178.16	187.22020	(14061006)
385125.25	3775156.02	183.56305	(14061006)	
	384974.75	3775265.09	286.80455	(14062606)
385054.01	3775027.32	282.60462	(14062606)	
	385114.62	3774924.76	270.02517	(15062506)
385203.20	3774812.87	264.92947	(16062406)	
	385259.14	3774742.93	265.68459	(14060406)
385343.06	3774631.04	292.14816	(15020908)	
	385399.01	3774537.80	287.72299	(14062606)
385436.30	3774439.90	312.88924	(14062606)	
	385566.84	3774038.95	337.95980	(15022008)
385594.81	3773983.01	345.38031	(15022008)	
	385613.46	3773941.05	340.09468	(15022008)
385939.81	3773460.85	476.47121	(15020908)	
	385888.53	3773418.89	253.53293	(15020908)
385902.52	3773372.27	209.88995	(15020908)	
	385944.47	3773339.63	191.70869	(14061206)
386037.72	3773316.32	261.33733	(16062406)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
386163.59	3773302.34	392.10132	(15052106)	
386317.44	3773218.42	329.16627	(14060506)	
386410.69	3773157.81	279.60557	(14060506)	
386494.60	3773055.24	249.77792	(15063006)	
386583.19	3772915.38	222.86692	(14021908)	
386620.48	3772859.44	226.38838	(14062606)	
386667.10	3772756.87	238.80388	(14062606)	
386709.06	3772519.10	277.17140	(14062606)	
386755.68	3772076.20	304.44498	(15020908)	
386769.67	3771665.93	220.09009	(16062906)	
386778.99	3771656.61	234.23772	(15062506)	
386788.32	3771651.95	190.49384	(14070706)	
386839.60	3771684.58	212.91790	(16062406)	
386848.93	3772024.92	256.38740	(15052106)	
386890.89	3772155.45	183.97415	(14060506)	
386914.20	3772309.30	146.81106	(14092607)	
386923.52	3772453.83	135.30613	(15061106)	
386895.55	3772617.00	126.69824	(14041506)	
386848.93	3772752.21	134.14135	(14041506)	
386774.33	3772892.07	138.23080	(16063006)	
386685.75	3773017.95	148.93802	(14041506)	
386611.16	3773125.18	145.95849	(14061006)	
386499.27	3773223.08	167.33489	(14021808)	
386294.13	3773325.65	271.18427	(14021808)	
386210.22	3773367.61	324.95122	(14021808)	
386079.68	3773474.84	481.33483	(16060906)	
386280.15	3773596.05	94.57206	(16060906)	
386228.86	3773665.98	90.85174	(16070106)	
386005.08	3773516.79	519.05787	(14062606)	
385655.42	3774010.98	289.93531	(16052406)	

	385883.87	3774150.84	71.72530	(15090206)
385860.56	3774197.46	69.64602	(15090206)	
	385641.44	3774043.61	279.31639	(14060506)
385496.91	3774486.52	261.17351	(16052406)	
	385417.65	3774649.69	229.05292	(15090206)
385310.43	3774766.24	287.94925	(15090206)	
	385361.71	3774812.87	157.00688	(15090206)
385277.79	3774924.76	149.53015	(15090206)	
	385399.01	3774990.03	86.74068	(14032106)
385380.36	3775031.98	84.43779	(14032106)	
	385273.13	3774943.40	144.00309	(15090206)
385231.17	3774948.07	177.43188	(15090206)	
	385207.86	3774938.74	234.77540	(14041506)
385147.25	3775027.32	271.74156	(14041506)	
	385109.95	3775125.23	260.86317	(16052406)
385044.68	3775302.39	231.06829	(15090206)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

385133.31	3775134.13	46.11219	(10102016)	
385148.23	3775094.97	47.40792	(10102016)	
385163.15	3775055.80	47.12679	(10102016)	
385180.00	3775023.72	46.44055	(14111208)	
385204.25	3774988.29	44.45350	(14111208)	
385228.49	3774952.86	44.40906	(14111208)	
385198.57	3774961.95	57.55000	(14111208)	
385254.92	3774970.58	33.26438m	(10102108)	
385292.95	3774992.20	26.11251	(11091508)	
385310.82	3775006.96	24.21897	(11091508)	
385328.69	3775021.73	22.54535	(11091508)	
385346.57	3775036.49	21.01580	(10111908)	
385364.44	3775051.25	20.35266	(10111908)	
385403.20	3775042.14	19.70136	(10111908)	
385412.53	3775021.16	19.90388	(10111908)	
385421.85	3775000.19	20.12220	(10111908)	
385410.86	3774968.02	21.17231	(10111908)	
385390.66	3774957.14	22.01736	(10111908)	
385370.46	3774946.26	23.65258	(11091508)	
385350.25	3774935.38	25.68571	(11091508)	
385330.05	3774924.50	27.94796	(11091508)	
385309.85	3774913.63	30.54046	(11091508)	
385339.75	3774883.82	30.39146	(11091508)	
385353.74	3774865.17	30.75525	(11091508)	
385367.72	3774846.52	31.02386	(11091508)	
385381.71	3774827.87	31.07394	(11091508)	
385378.53	3774794.37	35.77755	(15031908)	
385361.44	3774778.83	42.02212	(15031908)	
385344.34	3774763.29	50.74595	(15031908)	
385374.78	3774733.22	49.67581	(15031908)	

	385390.10	3774716.57	47.59285	(15031908)
385405.41	3774699.92	45.40717	(15031908)	
	385420.73	3774683.27	43.83962	(15031908)
385436.05	3774666.62	42.70421	(15031908)	
	385450.04	3774640.22	43.37661	(10111908)
385459.95	3774619.82	44.37205	(10111908)	
	385469.86	3774599.42	44.84785	(10111908)
385479.77	3774579.03	45.47743	(10111908)	
	385489.67	3774558.63	46.39773	(10111908)
385499.58	3774538.24	46.77806	(10111908)	
	385509.49	3774517.84	48.55473	(10111908)
385519.40	3774497.44	48.23807	(10111908)	
	385528.28	3774470.96	49.68806	(10111908)
385535.89	3774447.65	53.27699	(10111908)	
	385543.50	3774424.34	54.22835	(10111908)
385551.10	3774401.03	53.25902	(10111908)	
	385558.71	3774377.72	51.73183	(10111908)
385566.32	3774354.41	50.51116	(10111908)	
	385573.92	3774331.10	51.59451	(10111908)
385581.53	3774307.79	48.05705	(14111208)	
	385589.14	3774284.48	48.00478	(14111208)
385596.75	3774261.16	48.90151	(14021908)	
	385604.35	3774237.85	49.74650	(14021908)
385611.96	3774214.54	50.35183	(14021908)	
	385619.57	3774191.23	50.62029	(14021908)
385627.17	3774167.92	52.34603	(14021908)	
	385634.78	3774144.61	52.13628	(14021908)
385642.39	3774121.30	52.38356	(14021908)	
	385649.99	3774097.99	53.14367	(14021908)
385657.60	3774074.68	53.33078	(14021908)	
	385686.83	3774106.03	36.06007	(10121608)
385706.75	3774120.02	32.03427	(10111908)	
	385726.67	3774134.00	28.92868	(10111908)
385746.59	3774147.99	26.35343	(10111908)	
	385766.51	3774161.97	24.21145	(10111908)
385786.43	3774175.96	22.49642	(10111908)	
	385806.35	3774189.95	21.02216	(10111908)
385826.27	3774203.93	19.76871	(10111908)	
	385846.19	3774217.92	18.33688	(10111908)
385874.80	3774215.17	17.11316	(10111908)	
	385890.69	3774193.10	17.13333	(10111908)
385906.23	3774162.02	17.48393	(10111908)	
	385896.92	3774129.52	18.36018	(10111908)
385876.16	3774116.80	19.02784	(10111908)	
	385855.39	3774104.09	19.73868	(10111908)
385834.62	3774091.37	20.80470	(10111908)	
	385813.85	3774078.66	22.28946	(10111908)
385793.08	3774065.95	24.43539	(10111908)	
	385772.31	3774053.23	27.38019	(10111908)
385751.55	3774040.52	31.24693	(10111908)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF CO	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
385730.78	3774027.80	36.01488	(10111908)	
385710.01	3774015.09	41.81715	(10111908)	
385689.24	3774002.37	50.47015	(14021908)	
385717.79	3773966.12	46.64094	(10102016)	
385731.77	3773946.35	45.87163	(10111908)	
385745.76	3773926.58	45.04856	(10111908)	
385759.75	3773906.81	45.07911	(10111908)	
385773.73	3773887.05	44.95780	(10111908)	
385787.72	3773867.28	45.13601	(10111908)	
385801.71	3773847.51	46.74157	(10111908)	
385815.69	3773827.74	49.90803	(10111908)	
385829.68	3773807.98	52.12216	(10111908)	
385843.67	3773788.21	52.12683	(10111908)	
385857.65	3773768.44	51.78350	(10111908)	
385871.64	3773748.67	51.52630	(10111908)	
385885.62	3773728.91	51.46637	(10111908)	
385899.61	3773709.14	50.92947	(10111908)	
385913.60	3773689.37	51.02702	(10111908)	
385927.58	3773669.60	51.25352	(10111908)	
385941.57	3773649.84	52.81038	(10111908)	
385955.56	3773630.07	55.25802	(10111908)	
385969.54	3773610.30	57.10225	(10111908)	
385983.53	3773590.53	59.60715	(10111908)	
385997.52	3773570.76	66.43199	(10111908)	
386011.50	3773551.00	85.72094	(10102016)	
386025.49	3773531.23	122.23030	(10102016)	
385991.21	3773537.59	98.74035	(10102016)	
386031.90	3773564.72	72.08136	(10102016)	
386052.24	3773578.28	57.32548	(10102016)	
386072.59	3773591.84	48.31594	(10111908)	

	386092.93	3773605.40	42.28743	(10111908)
386113.27	3773618.97	37.54037	(10111908)	
	386133.62	3773632.53	33.77708	(10111908)
386153.96	3773646.09	30.60470	(10111908)	
	386174.31	3773659.66	27.99824	(10111908)
386194.65	3773673.22	25.67583	(10111908)	
	386214.99	3773686.78	23.92181	(10111908)
386249.02	3773680.77	22.47245	(10111908)	
	386274.66	3773645.80	22.65228	(10111908)
386300.31	3773610.84	22.70013	(10111908)	
	386293.09	3773574.66	24.62890	(10111908)
386273.04	3773562.54	26.21912	(10111908)	
	386252.99	3773550.41	28.31436	(10111908)
386232.94	3773538.29	30.91751	(10111908)	
	386212.90	3773526.17	34.11508	(10111908)
386192.85	3773514.05	37.80738	(10111908)	
	386172.80	3773501.93	42.67605	(10111908)
386152.76	3773489.81	49.48167	(14032508)	
	386132.71	3773477.69	60.59310	(14032508)
386112.66	3773465.57	83.43935	(14032508)	
	386151.49	3773448.20	68.67230	(14032508)
386170.14	3773432.88	65.87665	(14032508)	
	386188.79	3773417.57	62.72971	(14032508)
386207.44	3773402.25	63.59486	(14032508)	
	386226.09	3773386.93	62.80764	(14032508)
386263.36	3773368.99	57.77925	(14032508)	
	386284.33	3773358.50	55.42148	(14032508)
386305.31	3773348.01	54.43871	(14032508)	
	386325.82	3773337.75	51.52147	(14032508)
386346.34	3773327.50	48.90046	(10111908)	
	386366.85	3773317.24	47.69901	(10111908)
386387.37	3773306.98	46.28424	(10111908)	
	386407.88	3773296.73	45.16707	(10111908)
386428.39	3773286.47	44.39873	(14032508)	
	386448.91	3773276.21	42.21880	(14032508)
386469.42	3773265.95	40.83070m	(10102108)	
	386489.94	3773255.70	36.99606	(10111908)
386510.45	3773245.44	35.31729	(10111908)	
	386534.38	3773225.58	34.83058	(10111908)
386553.03	3773209.26	34.66604	(10111908)	
	386571.68	3773192.94	34.41849	(10111908)
386590.33	3773176.63	34.12284	(10111908)	
	386608.97	3773160.31	34.17261	(10111908)
386627.62	3773143.99	34.06032	(10111908)	
	386644.11	3773121.58	34.67023	(10111908)
386668.98	3773085.84	34.99032	(10111908)	
	386693.84	3773050.10	34.11768	(10111908)
386718.85	3773014.35	33.17448	(10111908)	
	386744.16	3772978.39	32.79676	(10111908)
386769.47	3772942.42	32.60272	(10111908)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF CO	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
386794.78	3772906.46	31.57803	(10111908)	
386807.05	3772883.86	31.23522	(10111908)	
386828.36	3772843.90	30.48531	(14111208)	
386839.02	3772823.92	30.44545	(14111208)	
386849.67	3772803.94	30.33205	(14111208)	
386860.33	3772783.96	30.12848	(14111208)	
386870.99	3772763.98	29.94419	(14111208)	
386880.33	3772737.82	30.13108	(14111208)	
386888.10	3772715.29	30.15362	(14111208)	
386895.87	3772692.75	29.97018	(14111208)	
386903.64	3772670.22	29.67291	(14111208)	
386911.41	3772647.68	29.38571	(14111208)	
386919.18	3772625.15	29.10844	(14111208)	
386924.19	3772597.91	29.25283	(10121608)	
386928.18	3772574.60	29.58207	(10121608)	
386932.18	3772551.29	29.88640	(10121608)	
386936.17	3772527.98	30.12544	(10121608)	
386940.17	3772504.67	30.22432	(10121608)	
386944.16	3772481.36	30.24546	(10121608)	
386948.16	3772458.05	30.17090	(10121608)	
386946.91	3772428.13	30.79147	(10121608)	
386945.36	3772404.04	32.19457	(10121608)	
386943.81	3772379.96	31.58693	(10121608)	
386942.25	3772355.87	31.76127	(10121608)	
386940.70	3772331.78	32.27159	(14021908)	
386939.15	3772307.69	33.47268	(14021908)	
386935.59	3772283.58	33.86586	(14021908)	
386928.93	3772239.62	38.10727	(14021908)	
386922.27	3772195.66	42.83185	(14021908)	
386915.61	3772151.70	45.73780	(14021908)	

	386907.70	3772126.04	47.22871	(14021908)
386900.70	3772104.29	49.25492	(14021908)	
	386893.71	3772082.53	52.82768	(14021908)
386886.72	3772060.78	56.07192	(14021908)	
	386879.72	3772039.02	59.06744	(14021908)
386872.73	3772017.27	63.77302	(14021908)	
	386872.59	3771975.61	67.98120	(14021908)
386871.92	3771951.30	68.01611	(14021908)	
	386871.25	3771926.99	68.76252	(14021908)
386870.59	3771902.68	68.74988	(14021908)	
	386869.92	3771878.37	67.74644	(14021908)
386869.26	3771854.06	69.10639	(14021908)	
	386868.59	3771829.75	69.89103	(14021908)
386867.92	3771805.44	67.49437	(14021908)	
	386867.26	3771781.13	66.40571	(14021908)
386866.59	3771756.82	65.62576	(14021908)	
	386865.92	3771732.51	63.82349	(14021908)
386865.26	3771708.20	61.94631	(14021908)	
	386864.59	3771683.89	58.95960	(14021908)
386853.02	3771663.49	53.44719	(14021908)	
	386818.83	3771641.73	48.90040	(14021908)
386783.38	3771628.28	40.76447	(14021908)	
	386761.31	3771638.93	47.29242	(15121108)
386744.68	3771665.08	40.31740	(15121108)	
	386743.86	3771689.21	38.97058	(15121108)
386743.04	3771713.35	43.27251	(15121108)	
	386742.22	3771737.48	53.49534	(15121108)
386741.39	3771761.61	57.49544	(15121108)	
	386740.57	3771785.75	59.24826	(16012008)
386739.75	3771809.88	59.36126	(16012008)	
	386738.92	3771834.01	57.75254	(16012008)
386738.10	3771858.15	58.02470	(16012008)	
	386737.28	3771882.28	58.35535	(16012008)
386736.46	3771906.41	59.77560	(16012008)	
	386735.63	3771930.55	60.61260	(16012008)
386734.81	3771954.68	61.50654	(16012008)	
	386733.99	3771978.81	62.56983	(16012008)
386733.16	3772002.95	64.02087	(16012008)	
	386732.34	3772027.08	64.78726	(16012008)
386731.52	3772051.21	64.71183	(16012008)	
	386730.69	3772075.35	65.31223	(16012008)
386728.23	3772098.19	63.66929	(16012008)	
	386725.64	3772122.79	61.93931	(16012008)
386723.05	3772147.40	60.62598	(16012008)	
	386720.46	3772172.01	58.97859	(16012008)
386717.87	3772196.61	57.92962	(16012008)	
	386715.28	3772221.22	56.71837	(16012008)
386712.69	3772245.82	55.95339	(16012008)	
	386710.10	3772270.43	56.03506	(16012008)
386707.51	3772295.03	58.03497	(15012008)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF CO	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
386704.92	3772319.64	59.00932	(16012008)	
386702.33	3772344.24	59.75526	(15012008)	
386699.74	3772368.85	60.00774	(15012008)	
386697.15	3772393.46	60.32799	(15012008)	
386694.56	3772418.06	61.11571	(15012008)	
386691.97	3772442.67	61.37939	(15012008)	
386689.38	3772467.27	61.67805	(15012008)	
386686.79	3772491.88	61.77669	(15012008)	
386684.20	3772516.48	61.52263	(15012008)	
386676.05	3772562.31	58.54025	(15012008)	
386671.85	3772586.09	57.24682	(15012008)	
386667.66	3772609.86	57.27156	(14022508)	
386663.46	3772633.64	56.53627	(14022508)	
386659.26	3772657.42	56.70895	(14022508)	
386655.07	3772681.19	56.21591	(14022508)	
386650.87	3772704.97	55.34059	(14022508)	
386646.68	3772728.75	54.50241	(14022508)	
386642.48	3772752.53	57.46155	(15021708)	
386625.69	3772787.55	54.07486	(15021708)	
386616.37	3772808.07	52.53516	(14022508)	
386607.04	3772828.58	52.54773	(14021908)	
386597.72	3772849.10	53.78948	(14021908)	
386574.82	3772882.87	54.34568	(14021908)	
386562.39	3772901.51	54.47405	(14021908)	
386549.41	3772921.98	54.57600	(14021908)	
386536.76	3772941.96	54.64606	(14021908)	
386524.10	3772961.94	54.78117	(14021908)	
386511.45	3772981.92	54.52318	(14021908)	
386498.79	3773001.90	54.56399	(15121008)	
386486.14	3773021.88	53.97033	(14022508)	

	386473.48	3773041.86	53.47968	(14021908)
386447.28	3773073.60	53.17391	(14021908)	
	386419.31	3773107.79	57.72185	(14021908)
386391.34	3773141.98	67.63943	(14021908)	
	386359.77	3773161.09	68.65670	(14021908)
386322.47	3773185.34	74.49781	(14021908)	
	386286.24	3773206.96	79.19123	(14021908)
386247.77	3773227.94	83.17757	(14021908)	
	386209.31	3773248.92	88.29765	(14021908)
386170.85	3773269.90	92.31988	(14021908)	
	386139.85	3773279.82	90.52958	(14021908)
386097.90	3773284.48	84.54642	(14021908)	
	386055.94	3773289.14	75.06767	(14021908)
386031.66	3773292.07	68.96505	(14021908)	
	386008.34	3773297.89	63.31612	(16012008)
385985.03	3773303.72	62.09593	(16012008)	
	385961.72	3773309.55	59.52950	(16012008)
385938.41	3773315.38	55.35091	(16012008)	
	385915.13	3773330.78	52.88315	(15012008)
385887.17	3773352.54	50.30664	(15012008)	
	385871.58	3773388.39	50.95611	(15121008)
385864.58	3773411.70	52.81343	(15121008)	
	385872.70	3773438.24	59.50411	(14121608)
385906.88	3773466.21	92.07086	(15021708)	
	385919.13	3773446.80	90.30869	(15121008)
385891.94	3773486.81	89.38310	(15021708)	
	385878.34	3773506.82	87.14641	(15021708)
385864.74	3773526.83	85.48827	(15021708)	
	385851.14	3773546.84	83.34882	(15021708)
385837.55	3773566.85	82.34010	(15021708)	
	385823.95	3773586.86	81.59973	(15021708)
385810.35	3773606.86	79.47984	(15021708)	
	385796.75	3773626.87	77.72649	(15021708)
385783.15	3773646.88	76.12301	(15021708)	
	385769.56	3773666.89	76.43507	(15021708)
385755.96	3773686.90	75.70519	(15021708)	
	385742.36	3773706.91	74.97751	(15021708)
385728.76	3773726.91	74.28210	(15021708)	
	385715.16	3773746.92	72.37152	(15021708)
385701.57	3773766.93	73.73461	(15021708)	
	385687.97	3773786.94	73.28758	(15021708)
385674.37	3773806.95	71.73776	(15021708)	
	385660.77	3773826.96	69.77617	(15021708)
385647.17	3773846.96	68.58041	(15021708)	
	385633.58	3773866.97	68.87500	(15021708)
385619.98	3773886.98	69.45056	(15121108)	
	385606.38	3773906.99	68.52263	(16012008)
385592.78	3773927.00	66.24848	(15021708)	
	385581.29	3773951.88	66.78381	(15021708)
385571.96	3773972.86	66.63837	(15021708)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF CO	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
385553.80	3774009.12	65.92173	(15021708)	
385543.07	3774031.21	65.08486	(15021708)	
385535.39	3774054.80	64.36523	(15021708)	
385527.71	3774078.38	63.55939	(15022008)	
385520.03	3774101.97	67.08867	(15022008)	
385512.35	3774125.55	69.09596	(15022008)	
385504.67	3774149.14	68.70558	(16121508)	
385497.00	3774172.72	69.42393	(15022008)	
385489.32	3774196.31	66.22984	(15022008)	
385481.64	3774219.89	64.29808	(15022008)	
385473.96	3774243.48	62.95731	(15022008)	
385466.28	3774267.06	62.26902	(15021708)	
385458.60	3774290.65	63.96805	(14022508)	
385450.92	3774314.23	64.21834	(15021708)	
385443.24	3774337.82	63.19390	(15021708)	
385435.56	3774361.40	62.61926	(15021708)	
385427.89	3774384.99	63.29031	(14022508)	
385420.21	3774408.58	62.12517	(14022508)	
385412.53	3774432.16	61.48308	(14022508)	
385398.02	3774470.16	57.16902	(15021708)	
385383.11	3774509.32	57.28601	(14022508)	
385366.38	3774543.58	56.63045	(16012008)	
385344.00	3774580.88	57.36289	(14022508)	
385321.62	3774618.18	58.81470	(16012008)	
385295.09	3774653.34	57.81652	(14022508)	
385281.10	3774671.98	57.89717	(14022508)	
385267.11	3774690.63	55.47976	(14022508)	
385253.13	3774709.28	54.02408	(15121108)	
385239.14	3774727.93	55.60816	(16012008)	
385211.65	3774762.28	60.42011	(16012008)	

	385183.68	3774797.25	57.93026	(15121108)
385168.84	3774816.00	57.15459	(15121108)	
	385154.07	3774834.65	58.46840	(15121108)
385139.31	3774853.30	61.04185	(15121108)	
	385124.55	3774871.95	62.98883	(15121108)
385109.78	3774890.59	62.98924	(15121108)	
	385095.02	3774909.24	63.65466	(15121108)
385080.98	3774932.55	65.43261	(16012008)	
	385068.85	3774953.06	63.77441	(16012008)
385056.73	3774973.58	59.27615	(14022508)	
	385044.61	3774994.09	59.36743	(15021708)
385032.49	3775014.60	58.88736	(15021708)	
	385023.09	3775041.03	58.86909	(15021708)
385015.88	3775062.64	58.85076	(15021708)	
	385008.68	3775084.26	58.95808	(15021708)
385001.47	3775105.88	58.43860	(15021708)	
	384994.27	3775127.49	54.82670	(14022508)
384987.06	3775149.11	57.38667	(14022508)	
	384979.85	3775170.72	48.00429	(14022508)
384972.65	3775192.34	40.92670	(14022508)	
	384965.44	3775213.95	38.24548	(14022508)
384958.24	3775235.57	38.11912	(15021708)	
	384951.03	3775257.18	42.51242	(15021708)
384962.98	3775287.15	34.87056m	(15091608)	
	384997.95	3775305.80	45.09211	(11091508)
385032.91	3775324.45	47.41198	(11091508)	
	385068.14	3775311.03	39.77484	(15031908)
385076.30	3775288.89	41.72053	(15031908)	
	385084.46	3775266.74	44.10695	(10111908)
385092.61	3775244.60	46.74432	(10111908)	
	385100.77	3775222.45	47.08659	(10111908)
385108.93	3775200.31	46.59688	(10111908)	
	385117.09	3775178.16	47.39967	(10102016)
385125.25	3775156.02	47.11269	(10102016)	
	384974.75	3775265.09	45.00998	(15021708)
385054.01	3775027.32	71.94407	(15021708)	
	385114.62	3774924.76	81.04517	(15121108)
385203.20	3774812.87	82.74134	(14021908)	
	385259.14	3774742.93	86.25852	(14021908)
385343.06	3774631.04	95.25172	(16012008)	
	385399.01	3774537.80	86.96573	(14022508)
385436.30	3774439.90	92.79405	(14022508)	
	385566.84	3774038.95	83.65172	(15021708)
385594.81	3773983.01	88.48631	(15021708)	
	385613.46	3773941.05	90.60868	(16012008)
385939.81	3773460.85	127.71418	(15021708)	
	385888.53	3773418.89	62.80367	(15121008)
385902.52	3773372.27	58.25558	(15012008)	
	385944.47	3773339.63	64.04054	(16012008)
386037.72	3773316.32	84.31230	(14021908)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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 *** 02:01:48

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF CO	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
386163.59	3773302.34	129.80055	(14021908)	
386317.44	3773218.42	103.72792	(14021908)	
386410.69	3773157.81	87.05157	(14021908)	
386494.60	3773055.24	78.31951	(14022508)	
386583.19	3772915.38	75.88554	(14021908)	
386620.48	3772859.44	71.65874	(14021908)	
386667.10	3772756.87	75.02515	(10121516)	
386709.06	3772519.10	88.09236	(10121516)	
386755.68	3772076.20	100.88165	(10121516)	
386769.67	3771665.93	60.61795	(15121108)	
386778.99	3771656.61	62.88864	(15121108)	
386788.32	3771651.95	53.46900	(14021908)	
386839.60	3771684.58	66.90031	(14021908)	
386848.93	3772024.92	81.67778	(14021908)	
386890.89	3772155.45	53.36905	(14021908)	
386914.20	3772309.30	38.90977	(14021908)	
386923.52	3772453.83	34.43611	(10121608)	
386895.55	3772617.00	32.36636	(10121608)	
386848.93	3772752.21	33.67882	(14111208)	
386774.33	3772892.07	36.48024	(10111908)	
386685.75	3773017.95	39.38854	(10111908)	
386611.16	3773125.18	39.13953	(10111908)	
386499.27	3773223.08	41.56391m	(10102108)	
386294.13	3773325.65	75.52682	(14032508)	
386210.22	3773367.61	88.45799	(14032508)	
386079.68	3773474.84	124.33529	(10111908)	
386280.15	3773596.05	24.37917	(10111908)	
386228.86	3773665.98	24.19107	(10111908)	
386005.08	3773516.79	144.06881	(10102016)	
385655.42	3774010.98	86.41872	(10102016)	

	385883.87	3774150.84	18.04727	(10111908)
385860.56	3774197.46	17.96928	(10111908)	
	385641.44	3774043.61	81.02529	(10102016)
385496.91	3774486.52	68.06628	(10102016)	
	385417.65	3774649.69	55.13932	(15031908)
385310.43	3774766.24	60.87508	(14111208)	
	385361.71	3774812.87	35.91330	(11091508)
385277.79	3774924.76	34.59272m	(10102108)	
	385399.01	3774990.03	20.89013	(10111908)
385380.36	3775031.98	20.42578	(10111908)	
	385273.13	3774943.40	32.80195m	(10102108)
385231.17	3774948.07	44.50629	(14111208)	
	385207.86	3774938.74	61.62927	(14111208)
385147.25	3775027.32	75.09487	(10102016)	
	385109.95	3775125.23	77.16512	(10102016)
385044.68	3775302.39	52.37639	(15031908)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_CMF_Construction_Area\HSR_B-LA_CMF_Con *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 02:01:48

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF

HIGHEST 1-HR RESULTS ***

MICROGRAMS/M**3

** CONC OF CO IN
 **

DATE

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

ALL HIGH 1ST HIGH VALUE IS 519.05787 ON 14062606: AT (
 386005.08, 3773516.79, 107.50, 243.61, 1.80) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_CMF_Construction_Area\HSR_B-LA_CMF_Con *** 12/17/19
*** AERMET - VERSION 16216 *** ***
*** 02:01:48

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

HIGHEST 8-HR RESULTS ***
*** THE SUMMARY OF

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

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

ALL HIGH 1ST HIGH VALUE IS 144.06881 ON 10102016: AT (
386005.08, 3773516.79, 107.50, 243.61, 1.80) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_CMF_Construction_Area\HSR_B-LA_CMF_Con *** 12/17/19
*** AERMET - VERSION 16216 *** ***
*** 02:01:48

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)
A Total of 808 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 4 Calm Hours Identified

A Total of 804 Missing Hours Identified (1.83 Percent)

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

***** WARNING MESSAGES *****
ME W186 142 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 142 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological
File at: 14010101
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological
File at: 2 year gap

*** AERMOD Finishes Successfully ***

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 12/17/2019
** File: C:\Lakes\AERMOD View\HSR_B-LA_NO2_CMF_Construction_Area\HSR_B-
LA_NO2_CMF_Construction_Area.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\HSR_B-LA_CMF_Construction_Area\HSR_B-
LA_CMF_Con
  MODELOPT CONC FLAT FASTAREA ARM2
  AVERTIME 1 PERIOD
  URBANOPT 800000
  POLLUTID NO2 H1H
  FLAGPOLE 1.80
  RUNORNOT RUN
** NO2 Conversion Options
  ARMRATIO 0.500 0.900
  ERRORFIL HSR_B-LA_NO2_CMF_Construction_Area.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREA1      AREAPOLY    386787.173  3771677.394      0.0
** DESCRSRC At grade Rail Track Segment Construction Area
  LOCATION PAREA2      AREAPOLY    386027.874  3773421.998      0.0
** DESCRSRC CMF Access Bridge Demolition
** Source Parameters **
  SRCPARAM PAREA1      9.4876E-06      3.000      51
  AREAVERT PAREA1      386787.173  3771677.394  386812.511  3771707.800
  AREAVERT PAREA1      386822.646  3771859.829  386817.579  3772006.790
  AREAVERT PAREA1      386807.444  3772255.103  386761.835  3772614.904
  AREAVERT PAREA1      386736.497  3772746.662  386706.091  3772817.608
  AREAVERT PAREA1      386589.536  3773020.313  386478.048  3773157.139
  AREAVERT PAREA1      386412.169  3773228.085  386270.276  3773314.235
  AREAVERT PAREA1      386158.789  3773380.114  386001.692  3773501.737
  AREAVERT PAREA1      385940.881  3773562.548  385687.500  3773932.484

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DISCCART	386723.05	3772147.40	1.80
DISCCART	386720.46	3772172.01	1.80
DISCCART	386717.87	3772196.61	1.80
DISCCART	386715.28	3772221.22	1.80
DISCCART	386712.69	3772245.82	1.80
DISCCART	386710.10	3772270.43	1.80
DISCCART	386707.51	3772295.03	1.80
DISCCART	386704.92	3772319.64	1.80

DISCCART	386702.33	3772344.24	1.80
DISCCART	386699.74	3772368.85	1.80
DISCCART	386697.15	3772393.46	1.80
DISCCART	386694.56	3772418.06	1.80
DISCCART	386691.97	3772442.67	1.80
DISCCART	386689.38	3772467.27	1.80
DISCCART	386686.79	3772491.88	1.80
DISCCART	386684.20	3772516.48	1.80
DISCCART	386676.05	3772562.31	1.80
DISCCART	386671.85	3772586.09	1.80
DISCCART	386667.66	3772609.86	1.80
DISCCART	386663.46	3772633.64	1.80
DISCCART	386659.26	3772657.42	1.80
DISCCART	386655.07	3772681.19	1.80
DISCCART	386650.87	3772704.97	1.80
DISCCART	386646.68	3772728.75	1.80
DISCCART	386642.48	3772752.53	1.80
DISCCART	386625.69	3772787.55	1.80
DISCCART	386616.37	3772808.07	1.80
DISCCART	386607.04	3772828.58	1.80
DISCCART	386597.72	3772849.10	1.80
DISCCART	386574.82	3772882.87	1.80
DISCCART	386562.39	3772901.51	1.80
DISCCART	386549.41	3772921.98	1.80
DISCCART	386536.76	3772941.96	1.80
DISCCART	386524.10	3772961.94	1.80
DISCCART	386511.45	3772981.92	1.80
DISCCART	386498.79	3773001.90	1.80
DISCCART	386486.14	3773021.88	1.80
DISCCART	386473.48	3773041.86	1.80
DISCCART	386447.28	3773073.60	1.80
DISCCART	386419.31	3773107.79	1.80
DISCCART	386391.34	3773141.98	1.80
DISCCART	386359.77	3773161.09	1.80
DISCCART	386322.47	3773185.34	1.80
DISCCART	386286.24	3773206.96	1.80
DISCCART	386247.77	3773227.94	1.80
DISCCART	386209.31	3773248.92	1.80
DISCCART	386170.85	3773269.90	1.80
DISCCART	386139.85	3773279.82	1.80
DISCCART	386097.90	3773284.48	1.80
DISCCART	386055.94	3773289.14	1.80
DISCCART	386031.66	3773292.07	1.80
DISCCART	386008.34	3773297.89	1.80
DISCCART	385985.03	3773303.72	1.80
DISCCART	385961.72	3773309.55	1.80
DISCCART	385938.41	3773315.38	1.80
DISCCART	385915.13	3773330.78	1.80
DISCCART	385887.17	3773352.54	1.80
DISCCART	385871.58	3773388.39	1.80
DISCCART	385864.58	3773411.70	1.80
DISCCART	385872.70	3773438.24	1.80
DISCCART	385906.88	3773466.21	1.80
DISCCART	385919.13	3773446.80	1.80

DISCCART	385891.94	3773486.81	1.80
DISCCART	385878.34	3773506.82	1.80
DISCCART	385864.74	3773526.83	1.80
DISCCART	385851.14	3773546.84	1.80
DISCCART	385837.55	3773566.85	1.80
DISCCART	385823.95	3773586.86	1.80
DISCCART	385810.35	3773606.86	1.80
DISCCART	385796.75	3773626.87	1.80
DISCCART	385783.15	3773646.88	1.80
DISCCART	385769.56	3773666.89	1.80
DISCCART	385755.96	3773686.90	1.80
DISCCART	385742.36	3773706.91	1.80
DISCCART	385728.76	3773726.91	1.80
DISCCART	385715.16	3773746.92	1.80
DISCCART	385701.57	3773766.93	1.80
DISCCART	385687.97	3773786.94	1.80
DISCCART	385674.37	3773806.95	1.80
DISCCART	385660.77	3773826.96	1.80
DISCCART	385647.17	3773846.96	1.80
DISCCART	385633.58	3773866.97	1.80
DISCCART	385619.98	3773886.98	1.80
DISCCART	385606.38	3773906.99	1.80
DISCCART	385592.78	3773927.00	1.80
DISCCART	385581.29	3773951.88	1.80
DISCCART	385571.96	3773972.86	1.80
DISCCART	385553.80	3774009.12	1.80
DISCCART	385543.07	3774031.21	1.80
DISCCART	385535.39	3774054.80	1.80
DISCCART	385527.71	3774078.38	1.80
DISCCART	385520.03	3774101.97	1.80
DISCCART	385512.35	3774125.55	1.80
DISCCART	385504.67	3774149.14	1.80
DISCCART	385497.00	3774172.72	1.80
DISCCART	385489.32	3774196.31	1.80
DISCCART	385481.64	3774219.89	1.80
DISCCART	385473.96	3774243.48	1.80
DISCCART	385466.28	3774267.06	1.80
DISCCART	385458.60	3774290.65	1.80
DISCCART	385450.92	3774314.23	1.80
DISCCART	385443.24	3774337.82	1.80
DISCCART	385435.56	3774361.40	1.80
DISCCART	385427.89	3774384.99	1.80
DISCCART	385420.21	3774408.58	1.80
DISCCART	385412.53	3774432.16	1.80
DISCCART	385398.02	3774470.16	1.80
DISCCART	385383.11	3774509.32	1.80
DISCCART	385366.38	3774543.58	1.80
DISCCART	385344.00	3774580.88	1.80
DISCCART	385321.62	3774618.18	1.80
DISCCART	385295.09	3774653.34	1.80
DISCCART	385281.10	3774671.98	1.80
DISCCART	385267.11	3774690.63	1.80
DISCCART	385253.13	3774709.28	1.80
DISCCART	385239.14	3774727.93	1.80

DISCCART	385211.65	3774762.28	1.80
DISCCART	385183.68	3774797.25	1.80
DISCCART	385168.84	3774816.00	1.80
DISCCART	385154.07	3774834.65	1.80
DISCCART	385139.31	3774853.30	1.80
DISCCART	385124.55	3774871.95	1.80
DISCCART	385109.78	3774890.59	1.80
DISCCART	385095.02	3774909.24	1.80
DISCCART	385080.98	3774932.55	1.80
DISCCART	385068.85	3774953.06	1.80
DISCCART	385056.73	3774973.58	1.80
DISCCART	385044.61	3774994.09	1.80
DISCCART	385032.49	3775014.60	1.80
DISCCART	385023.09	3775041.03	1.80
DISCCART	385015.88	3775062.64	1.80
DISCCART	385008.68	3775084.26	1.80
DISCCART	385001.47	3775105.88	1.80
DISCCART	384994.27	3775127.49	1.80
DISCCART	384987.06	3775149.11	1.80
DISCCART	384979.85	3775170.72	1.80
DISCCART	384972.65	3775192.34	1.80
DISCCART	384965.44	3775213.95	1.80
DISCCART	384958.24	3775235.57	1.80
DISCCART	384951.03	3775257.18	1.80
DISCCART	384962.98	3775287.15	1.80
DISCCART	384997.95	3775305.80	1.80
DISCCART	385032.91	3775324.45	1.80
DISCCART	385068.14	3775311.03	1.80
DISCCART	385076.30	3775288.89	1.80
DISCCART	385084.46	3775266.74	1.80
DISCCART	385092.61	3775244.60	1.80
DISCCART	385100.77	3775222.45	1.80
DISCCART	385108.93	3775200.31	1.80
DISCCART	385117.09	3775178.16	1.80
DISCCART	385125.25	3775156.02	1.80
** END OF FENCELINE GRID RECEPTORS			
** Discrete Cartesian Plant Boundary - Primary Receptors			
** Plant Boundary Name PLBN1			
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"			
DISCCART	384974.75	3775265.09	1.80
DISCCART	385054.01	3775027.32	1.80
DISCCART	385114.62	3774924.76	1.80
DISCCART	385203.20	3774812.87	1.80
DISCCART	385259.14	3774742.93	1.80
DISCCART	385343.06	3774631.04	1.80
DISCCART	385399.01	3774537.80	1.80
DISCCART	385436.30	3774439.90	1.80
DISCCART	385566.84	3774038.95	1.80
DISCCART	385594.81	3773983.01	1.80
DISCCART	385613.46	3773941.05	1.80
DISCCART	385939.81	3773460.85	1.80
DISCCART	385888.53	3773418.89	1.80
DISCCART	385902.52	3773372.27	1.80
DISCCART	385944.47	3773339.63	1.80

DISCCART	386037.72	3773316.32	1.80
DISCCART	386163.59	3773302.34	1.80
DISCCART	386317.44	3773218.42	1.80
DISCCART	386410.69	3773157.81	1.80
DISCCART	386494.60	3773055.24	1.80
DISCCART	386583.19	3772915.38	1.80
DISCCART	386620.48	3772859.44	1.80
DISCCART	386667.10	3772756.87	1.80
DISCCART	386709.06	3772519.10	1.80
DISCCART	386755.68	3772076.20	1.80
DISCCART	386769.67	3771665.93	1.80
DISCCART	386778.99	3771656.61	1.80
DISCCART	386788.32	3771651.95	1.80
DISCCART	386839.60	3771684.58	1.80
DISCCART	386848.93	3772024.92	1.80
DISCCART	386890.89	3772155.45	1.80
DISCCART	386914.20	3772309.30	1.80
DISCCART	386923.52	3772453.83	1.80
DISCCART	386895.55	3772617.00	1.80
DISCCART	386848.93	3772752.21	1.80
DISCCART	386774.33	3772892.07	1.80
DISCCART	386685.75	3773017.95	1.80
DISCCART	386611.16	3773125.18	1.80
DISCCART	386499.27	3773223.08	1.80
DISCCART	386294.13	3773325.65	1.80
DISCCART	386210.22	3773367.61	1.80
DISCCART	386079.68	3773474.84	1.80
DISCCART	386280.15	3773596.05	1.80
DISCCART	386228.86	3773665.98	1.80
DISCCART	386005.08	3773516.79	1.80
DISCCART	385655.42	3774010.98	1.80
DISCCART	385883.87	3774150.84	1.80
DISCCART	385860.56	3774197.46	1.80
DISCCART	385641.44	3774043.61	1.80
DISCCART	385496.91	3774486.52	1.80
DISCCART	385417.65	3774649.69	1.80
DISCCART	385310.43	3774766.24	1.80
DISCCART	385361.71	3774812.87	1.80
DISCCART	385277.79	3774924.76	1.80
DISCCART	385399.01	3774990.03	1.80
DISCCART	385380.36	3775031.98	1.80
DISCCART	385273.13	3774943.40	1.80
DISCCART	385231.17	3774948.07	1.80
DISCCART	385207.86	3774938.74	1.80
DISCCART	385147.25	3775027.32	1.80
DISCCART	385109.95	3775125.23	1.80
DISCCART	385044.68	3775302.39	1.80

RE FINISHED

**

** AERMOD Meteorology Pathway

**

**

```

ME STARTING
  SURFFILE CELA_v9.SFC
  PROFFILE CELA_v9.PFL
  SURFDATA 93134 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 87.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST HSR_B-LA_NO2_CMF_CONSTRUCTION_AREA.AD\01H1GALL.PLT
31
  PLOTFILE PERIOD ALL HSR_B-LA_NO2_CMF_CONSTRUCTION_AREA.AD\PE00GALL.PLT
32
  SUMMFILE HSR_B-LA_NO2_CMF_Construction_Area.sum
OU FINISHED

```

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

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

```

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

```

```

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

```

```

***** WARNING MESSAGES *****
CO W276      23      POLLID: Special proc for 1h-NO2/SO2 24hPM25 NAAQS
disabled      NO2 H1H
ME W186      600      MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used      0.50
ME W187      600      MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

```

```

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

```

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_CMF_Construction_Area\HSR_B-LA_CMF_Con *** 12/17/19
*** AERMET - VERSION 16216 *** ***
*** 02:11:28

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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

*** MODEL SETUP OPTIONS
SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 2 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 800000.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Ambient Ratio Method Ver 2 (ARM2) Used for NO2 Conversion
with a Minimum NO2/NOx Ratio of 0.500
and a Maximum NO2/NOx Ratio of 0.900
7. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:

FASTAREA - Use hybrid approach to optimize AREA sources;
also applies to LINE sources (formerly TOXICS option)

ADJ_U* - Use ADJ_U* option for SBL in AERMET

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: NO2

**NOTE: Special processing requirements applicable for the 1-hour NO2
NAAQS have been disabled!!!

User has specified H1H on the POLLUTID keyword.

High ranked 1-hour values are NOT averaged across the number of
years modeled, and

complete years of data are NOT required.

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

**This Run Includes: 2 Source(s); 1 Source Group(s); and
446 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 2 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 0 line(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) = 87.00 ;
Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: HSR_B-LA_NO2_CMF_Construction_Area.err

**File for Summary of Results: HSR_B-LA_NO2_CMF_Construction_Area.sum

```

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_CMF_Construction_Area\HSR_B-LA_CMF_Con *** 12/17/19
*** AERMET - VERSION 16216 *** ***
*** 02:11:28

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```

*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

```

*** AREAPOLY SOURCE DATA

NUMBER	NUMBER	EMISSION	RATE	LOCATION OF AREA		BASE	RELEASE
SOURCE	INIT.	URBAN	EMISSION	RATE			
OF VERTS.	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT	
ID	SZ	SOURCE	SCALAR	VARY			
(METERS)	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	
	BY						
PAREA1	0	0.94876E-05	386787.2	3771677.4	87.0	3.00	
51	0.00	YES	HRDOW7				
PAREA2	0	0.10712E-04	386027.9	3773422.0	87.0	3.00	
4	0.00	YES	HRDOW7				

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LA_CMF_Construction_Area\HSR_B-LA_CMF_Con *** 12/17/19
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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

*** SOURCE IDs DEFINING SOURCE
GROUPS ***

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

ALL	PAREA1	,	PAREA2	,
-----	--------	---	--------	---

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_CMF_Construction_Area\HSR_B-LA_CMF_Con *** 12/17/19
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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

*** SOURCE IDs DEFINED AS URBAN

SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
	800000.	PAREA1 , PAREA2 ,

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_CMF_Construction_Area\HSR_B-LA_CMF_Con *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_CMF_Construction_Area\HSR_B-LA_CMF_Con *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_CMF_Construction_Area\HSR_B-LA_CMF_Con *** 12/17/19
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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

(385133.3, 3775134.1,	87.0,	87.0,	1.8);	(
385148.2, 3775095.0,	87.0,	87.0,	1.8);	(
(385163.1, 3775055.8,	87.0,	87.0,	1.8);	(
385180.0, 3775023.7,	87.0,	87.0,	1.8);	(
(385204.2, 3774988.3,	87.0,	87.0,	1.8);	(
385228.5, 3774952.9,	87.0,	87.0,	1.8);	(
(385198.6, 3774961.9,	87.0,	87.0,	1.8);	(
385254.9, 3774970.6,	87.0,	87.0,	1.8);	(
(385293.0, 3774992.2,	87.0,	87.0,	1.8);	(
385310.8, 3775007.0,	87.0,	87.0,	1.8);	(
(385328.7, 3775021.7,	87.0,	87.0,	1.8);	(
385346.6, 3775036.5,	87.0,	87.0,	1.8);	(
(385364.4, 3775051.2,	87.0,	87.0,	1.8);	(
385403.2, 3775042.1,	87.0,	87.0,	1.8);	(
(385412.5, 3775021.2,	87.0,	87.0,	1.8);	(
385421.8, 3775000.2,	87.0,	87.0,	1.8);	(
(385410.9, 3774968.0,	87.0,	87.0,	1.8);	(
385390.7, 3774957.1,	87.0,	87.0,	1.8);	(
(385370.5, 3774946.3,	87.0,	87.0,	1.8);	(
385350.2, 3774935.4,	87.0,	87.0,	1.8);	(
(385330.0, 3774924.5,	87.0,	87.0,	1.8);	(
385309.8, 3774913.6,	87.0,	87.0,	1.8);	(
(385339.8, 3774883.8,	87.0,	87.0,	1.8);	(
385353.7, 3774865.2,	87.0,	87.0,	1.8);	(
(385367.7, 3774846.5,	87.0,	87.0,	1.8);	(
385381.7, 3774827.9,	87.0,	87.0,	1.8);	(
(385378.5, 3774794.4,	87.0,	87.0,	1.8);	(
385361.4, 3774778.8,	87.0,	87.0,	1.8);	(
(385344.3, 3774763.3,	87.0,	87.0,	1.8);	(
385374.8, 3774733.2,	87.0,	87.0,	1.8);	(
(385390.1, 3774716.6,	87.0,	87.0,	1.8);	(
385405.4, 3774699.9,	87.0,	87.0,	1.8);	(
(385420.7, 3774683.3,	87.0,	87.0,	1.8);	(
385436.0, 3774666.6,	87.0,	87.0,	1.8);	(
(385450.0, 3774640.2,	87.0,	87.0,	1.8);	(
385460.0, 3774619.8,	87.0,	87.0,	1.8);	(
(385469.9, 3774599.4,	87.0,	87.0,	1.8);	(
385479.8, 3774579.0,	87.0,	87.0,	1.8);	(

(385489.7, 3774558.6,	87.0,	87.0,	1.8);	(
385499.6, 3774538.2,	87.0,	87.0,	1.8);	
(385509.5, 3774517.8,	87.0,	87.0,	1.8);	(
385519.4, 3774497.4,	87.0,	87.0,	1.8);	
(385528.3, 3774471.0,	87.0,	87.0,	1.8);	(
385535.9, 3774447.6,	87.0,	87.0,	1.8);	
(385543.5, 3774424.3,	87.0,	87.0,	1.8);	(
385551.1, 3774401.0,	87.0,	87.0,	1.8);	
(385558.7, 3774377.7,	87.0,	87.0,	1.8);	(
385566.3, 3774354.4,	87.0,	87.0,	1.8);	
(385573.9, 3774331.1,	87.0,	87.0,	1.8);	(
385581.5, 3774307.8,	87.0,	87.0,	1.8);	
(385589.1, 3774284.5,	87.0,	87.0,	1.8);	(
385596.8, 3774261.2,	87.0,	87.0,	1.8);	
(385604.3, 3774237.8,	87.0,	87.0,	1.8);	(
385612.0, 3774214.5,	87.0,	87.0,	1.8);	
(385619.6, 3774191.2,	87.0,	87.0,	1.8);	(
385627.2, 3774167.9,	87.0,	87.0,	1.8);	
(385634.8, 3774144.6,	87.0,	87.0,	1.8);	(
385642.4, 3774121.3,	87.0,	87.0,	1.8);	
(385650.0, 3774098.0,	87.0,	87.0,	1.8);	(
385657.6, 3774074.7,	87.0,	87.0,	1.8);	
(385686.8, 3774106.0,	87.0,	87.0,	1.8);	(
385706.8, 3774120.0,	87.0,	87.0,	1.8);	
(385726.7, 3774134.0,	87.0,	87.0,	1.8);	(
385746.6, 3774148.0,	87.0,	87.0,	1.8);	
(385766.5, 3774162.0,	87.0,	87.0,	1.8);	(
385786.4, 3774176.0,	87.0,	87.0,	1.8);	
(385806.3, 3774189.9,	87.0,	87.0,	1.8);	(
385826.3, 3774203.9,	87.0,	87.0,	1.8);	
(385846.2, 3774217.9,	87.0,	87.0,	1.8);	(
385874.8, 3774215.2,	87.0,	87.0,	1.8);	
(385890.7, 3774193.1,	87.0,	87.0,	1.8);	(
385906.2, 3774162.0,	87.0,	87.0,	1.8);	
(385896.9, 3774129.5,	87.0,	87.0,	1.8);	(
385876.2, 3774116.8,	87.0,	87.0,	1.8);	
(385855.4, 3774104.1,	87.0,	87.0,	1.8);	(
385834.6, 3774091.4,	87.0,	87.0,	1.8);	
(385813.8, 3774078.7,	87.0,	87.0,	1.8);	(
385793.1, 3774065.9,	87.0,	87.0,	1.8);	
(385772.3, 3774053.2,	87.0,	87.0,	1.8);	(
385751.5, 3774040.5,	87.0,	87.0,	1.8);	
(385730.8, 3774027.8,	87.0,	87.0,	1.8);	(
385710.0, 3774015.1,	87.0,	87.0,	1.8);	
(385689.2, 3774002.4,	87.0,	87.0,	1.8);	(
385717.8, 3773966.1,	87.0,	87.0,	1.8);	
(385731.8, 3773946.3,	87.0,	87.0,	1.8);	(
385745.8, 3773926.6,	87.0,	87.0,	1.8);	
(385759.8, 3773906.8,	87.0,	87.0,	1.8);	(
385773.7, 3773887.0,	87.0,	87.0,	1.8);	
(385787.7, 3773867.3,	87.0,	87.0,	1.8);	(
385801.7, 3773847.5,	87.0,	87.0,	1.8);	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

(385815.7, 3773827.7,	87.0,	87.0,	1.8);	(
385829.7, 3773808.0,	87.0,	87.0,	1.8);	(
(385843.7, 3773788.2,	87.0,	87.0,	1.8);	(
385857.6, 3773768.4,	87.0,	87.0,	1.8);	(
(385871.6, 3773748.7,	87.0,	87.0,	1.8);	(
385885.6, 3773728.9,	87.0,	87.0,	1.8);	(
(385899.6, 3773709.1,	87.0,	87.0,	1.8);	(
385913.6, 3773689.4,	87.0,	87.0,	1.8);	(
(385927.6, 3773669.6,	87.0,	87.0,	1.8);	(
385941.6, 3773649.8,	87.0,	87.0,	1.8);	(
(385955.6, 3773630.1,	87.0,	87.0,	1.8);	(
385969.5, 3773610.3,	87.0,	87.0,	1.8);	(
(385983.5, 3773590.5,	87.0,	87.0,	1.8);	(
385997.5, 3773570.8,	87.0,	87.0,	1.8);	(
(386011.5, 3773551.0,	87.0,	87.0,	1.8);	(
386025.5, 3773531.2,	87.0,	87.0,	1.8);	(
(385991.2, 3773537.6,	87.0,	87.0,	1.8);	(
386031.9, 3773564.7,	87.0,	87.0,	1.8);	(
(386052.2, 3773578.3,	87.0,	87.0,	1.8);	(
386072.6, 3773591.8,	87.0,	87.0,	1.8);	(
(386092.9, 3773605.4,	87.0,	87.0,	1.8);	(
386113.3, 3773619.0,	87.0,	87.0,	1.8);	(
(386133.6, 3773632.5,	87.0,	87.0,	1.8);	(
386154.0, 3773646.1,	87.0,	87.0,	1.8);	(
(386174.3, 3773659.7,	87.0,	87.0,	1.8);	(
386194.6, 3773673.2,	87.0,	87.0,	1.8);	(
(386215.0, 3773686.8,	87.0,	87.0,	1.8);	(
386249.0, 3773680.8,	87.0,	87.0,	1.8);	(
(386274.7, 3773645.8,	87.0,	87.0,	1.8);	(
386300.3, 3773610.8,	87.0,	87.0,	1.8);	(
(386293.1, 3773574.7,	87.0,	87.0,	1.8);	(
386273.0, 3773562.5,	87.0,	87.0,	1.8);	(
(386253.0, 3773550.4,	87.0,	87.0,	1.8);	(
386232.9, 3773538.3,	87.0,	87.0,	1.8);	(
(386212.9, 3773526.2,	87.0,	87.0,	1.8);	(
386192.8, 3773514.0,	87.0,	87.0,	1.8);	(
(386172.8, 3773501.9,	87.0,	87.0,	1.8);	(
386152.8, 3773489.8,	87.0,	87.0,	1.8);	(

(386132.7, 3773477.7,	87.0,	87.0,	1.8);	(
386112.7, 3773465.6,	87.0,	87.0,	1.8);	
(386151.5, 3773448.2,	87.0,	87.0,	1.8);	(
386170.1, 3773432.9,	87.0,	87.0,	1.8);	
(386188.8, 3773417.6,	87.0,	87.0,	1.8);	(
386207.4, 3773402.2,	87.0,	87.0,	1.8);	
(386226.1, 3773386.9,	87.0,	87.0,	1.8);	(
386263.4, 3773369.0,	87.0,	87.0,	1.8);	
(386284.3, 3773358.5,	87.0,	87.0,	1.8);	(
386305.3, 3773348.0,	87.0,	87.0,	1.8);	
(386325.8, 3773337.8,	87.0,	87.0,	1.8);	(
386346.3, 3773327.5,	87.0,	87.0,	1.8);	
(386366.8, 3773317.2,	87.0,	87.0,	1.8);	(
386387.4, 3773307.0,	87.0,	87.0,	1.8);	
(386407.9, 3773296.7,	87.0,	87.0,	1.8);	(
386428.4, 3773286.5,	87.0,	87.0,	1.8);	
(386448.9, 3773276.2,	87.0,	87.0,	1.8);	(
386469.4, 3773265.9,	87.0,	87.0,	1.8);	
(386489.9, 3773255.7,	87.0,	87.0,	1.8);	(
386510.5, 3773245.4,	87.0,	87.0,	1.8);	
(386534.4, 3773225.6,	87.0,	87.0,	1.8);	(
386553.0, 3773209.3,	87.0,	87.0,	1.8);	
(386571.7, 3773192.9,	87.0,	87.0,	1.8);	(
386590.3, 3773176.6,	87.0,	87.0,	1.8);	
(386609.0, 3773160.3,	87.0,	87.0,	1.8);	(
386627.6, 3773144.0,	87.0,	87.0,	1.8);	
(386644.1, 3773121.6,	87.0,	87.0,	1.8);	(
386669.0, 3773085.8,	87.0,	87.0,	1.8);	
(386693.8, 3773050.1,	87.0,	87.0,	1.8);	(
386718.8, 3773014.3,	87.0,	87.0,	1.8);	
(386744.2, 3772978.4,	87.0,	87.0,	1.8);	(
386769.5, 3772942.4,	87.0,	87.0,	1.8);	
(386794.8, 3772906.5,	87.0,	87.0,	1.8);	(
386807.0, 3772883.9,	87.0,	87.0,	1.8);	
(386828.4, 3772843.9,	87.0,	87.0,	1.8);	(
386839.0, 3772823.9,	87.0,	87.0,	1.8);	
(386849.7, 3772803.9,	87.0,	87.0,	1.8);	(
386860.3, 3772784.0,	87.0,	87.0,	1.8);	
(386871.0, 3772764.0,	87.0,	87.0,	1.8);	(
386880.3, 3772737.8,	87.0,	87.0,	1.8);	
(386888.1, 3772715.3,	87.0,	87.0,	1.8);	(
386895.9, 3772692.8,	87.0,	87.0,	1.8);	
(386903.6, 3772670.2,	87.0,	87.0,	1.8);	(
386911.4, 3772647.7,	87.0,	87.0,	1.8);	
(386919.2, 3772625.1,	87.0,	87.0,	1.8);	(
386924.2, 3772597.9,	87.0,	87.0,	1.8);	
(386928.2, 3772574.6,	87.0,	87.0,	1.8);	(
386932.2, 3772551.3,	87.0,	87.0,	1.8);	
(386936.2, 3772528.0,	87.0,	87.0,	1.8);	(
386940.2, 3772504.7,	87.0,	87.0,	1.8);	
(386944.2, 3772481.4,	87.0,	87.0,	1.8);	(
386948.2, 3772458.0,	87.0,	87.0,	1.8);	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

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

(386946.9, 3772428.1,	87.0,	87.0,	1.8);	(
386945.4, 3772404.0,	87.0,	87.0,	1.8);	(
(386943.8, 3772380.0,	87.0,	87.0,	1.8);	(
386942.2, 3772355.9,	87.0,	87.0,	1.8);	(
(386940.7, 3772331.8,	87.0,	87.0,	1.8);	(
386939.1, 3772307.7,	87.0,	87.0,	1.8);	(
(386935.6, 3772283.6,	87.0,	87.0,	1.8);	(
386928.9, 3772239.6,	87.0,	87.0,	1.8);	(
(386922.3, 3772195.7,	87.0,	87.0,	1.8);	(
386915.6, 3772151.7,	87.0,	87.0,	1.8);	(
(386907.7, 3772126.0,	87.0,	87.0,	1.8);	(
386900.7, 3772104.3,	87.0,	87.0,	1.8);	(
(386893.7, 3772082.5,	87.0,	87.0,	1.8);	(
386886.7, 3772060.8,	87.0,	87.0,	1.8);	(
(386879.7, 3772039.0,	87.0,	87.0,	1.8);	(
386872.7, 3772017.3,	87.0,	87.0,	1.8);	(
(386872.6, 3771975.6,	87.0,	87.0,	1.8);	(
386871.9, 3771951.3,	87.0,	87.0,	1.8);	(
(386871.2, 3771927.0,	87.0,	87.0,	1.8);	(
386870.6, 3771902.7,	87.0,	87.0,	1.8);	(
(386869.9, 3771878.4,	87.0,	87.0,	1.8);	(
386869.3, 3771854.1,	87.0,	87.0,	1.8);	(
(386868.6, 3771829.8,	87.0,	87.0,	1.8);	(
386867.9, 3771805.4,	87.0,	87.0,	1.8);	(
(386867.3, 3771781.1,	87.0,	87.0,	1.8);	(
386866.6, 3771756.8,	87.0,	87.0,	1.8);	(
(386865.9, 3771732.5,	87.0,	87.0,	1.8);	(
386865.3, 3771708.2,	87.0,	87.0,	1.8);	(
(386864.6, 3771683.9,	87.0,	87.0,	1.8);	(
386853.0, 3771663.5,	87.0,	87.0,	1.8);	(
(386818.8, 3771641.7,	87.0,	87.0,	1.8);	(
386783.4, 3771628.3,	87.0,	87.0,	1.8);	(
(386761.3, 3771638.9,	87.0,	87.0,	1.8);	(
386744.7, 3771665.1,	87.0,	87.0,	1.8);	(
(386743.9, 3771689.2,	87.0,	87.0,	1.8);	(
386743.0, 3771713.3,	87.0,	87.0,	1.8);	(
(386742.2, 3771737.5,	87.0,	87.0,	1.8);	(
386741.4, 3771761.6,	87.0,	87.0,	1.8);	(

(386740.6, 3771785.8,	87.0,	87.0,	1.8);	(
386739.8, 3771809.9,	87.0,	87.0,	1.8);	
(386738.9, 3771834.0,	87.0,	87.0,	1.8);	(
386738.1, 3771858.1,	87.0,	87.0,	1.8);	
(386737.3, 3771882.3,	87.0,	87.0,	1.8);	(
386736.5, 3771906.4,	87.0,	87.0,	1.8);	
(386735.6, 3771930.5,	87.0,	87.0,	1.8);	(
386734.8, 3771954.7,	87.0,	87.0,	1.8);	
(386734.0, 3771978.8,	87.0,	87.0,	1.8);	(
386733.2, 3772002.9,	87.0,	87.0,	1.8);	
(386732.3, 3772027.1,	87.0,	87.0,	1.8);	(
386731.5, 3772051.2,	87.0,	87.0,	1.8);	
(386730.7, 3772075.3,	87.0,	87.0,	1.8);	(
386728.2, 3772098.2,	87.0,	87.0,	1.8);	
(386725.6, 3772122.8,	87.0,	87.0,	1.8);	(
386723.0, 3772147.4,	87.0,	87.0,	1.8);	
(386720.5, 3772172.0,	87.0,	87.0,	1.8);	(
386717.9, 3772196.6,	87.0,	87.0,	1.8);	
(386715.3, 3772221.2,	87.0,	87.0,	1.8);	(
386712.7, 3772245.8,	87.0,	87.0,	1.8);	
(386710.1, 3772270.4,	87.0,	87.0,	1.8);	(
386707.5, 3772295.0,	87.0,	87.0,	1.8);	
(386704.9, 3772319.6,	87.0,	87.0,	1.8);	(
386702.3, 3772344.2,	87.0,	87.0,	1.8);	
(386699.7, 3772368.8,	87.0,	87.0,	1.8);	(
386697.1, 3772393.5,	87.0,	87.0,	1.8);	
(386694.6, 3772418.1,	87.0,	87.0,	1.8);	(
386692.0, 3772442.7,	87.0,	87.0,	1.8);	
(386689.4, 3772467.3,	87.0,	87.0,	1.8);	(
386686.8, 3772491.9,	87.0,	87.0,	1.8);	
(386684.2, 3772516.5,	87.0,	87.0,	1.8);	(
386676.0, 3772562.3,	87.0,	87.0,	1.8);	
(386671.8, 3772586.1,	87.0,	87.0,	1.8);	(
386667.7, 3772609.9,	87.0,	87.0,	1.8);	
(386663.5, 3772633.6,	87.0,	87.0,	1.8);	(
386659.3, 3772657.4,	87.0,	87.0,	1.8);	
(386655.1, 3772681.2,	87.0,	87.0,	1.8);	(
386650.9, 3772705.0,	87.0,	87.0,	1.8);	
(386646.7, 3772728.8,	87.0,	87.0,	1.8);	(
386642.5, 3772752.5,	87.0,	87.0,	1.8);	
(386625.7, 3772787.5,	87.0,	87.0,	1.8);	(
386616.4, 3772808.1,	87.0,	87.0,	1.8);	
(386607.0, 3772828.6,	87.0,	87.0,	1.8);	(
386597.7, 3772849.1,	87.0,	87.0,	1.8);	
(386574.8, 3772882.9,	87.0,	87.0,	1.8);	(
386562.4, 3772901.5,	87.0,	87.0,	1.8);	
(386549.4, 3772922.0,	87.0,	87.0,	1.8);	(
386536.8, 3772942.0,	87.0,	87.0,	1.8);	
(386524.1, 3772961.9,	87.0,	87.0,	1.8);	(
386511.5, 3772981.9,	87.0,	87.0,	1.8);	
(386498.8, 3773001.9,	87.0,	87.0,	1.8);	(
386486.1, 3773021.9,	87.0,	87.0,	1.8);	

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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

(386473.5, 3773041.9,	87.0,	87.0,	1.8);	(
386447.3, 3773073.6,	87.0,	87.0,	1.8);	(
(386419.3, 3773107.8,	87.0,	87.0,	1.8);	(
386391.3, 3773142.0,	87.0,	87.0,	1.8);	(
(386359.8, 3773161.1,	87.0,	87.0,	1.8);	(
386322.5, 3773185.3,	87.0,	87.0,	1.8);	(
(386286.2, 3773207.0,	87.0,	87.0,	1.8);	(
386247.8, 3773227.9,	87.0,	87.0,	1.8);	(
(386209.3, 3773248.9,	87.0,	87.0,	1.8);	(
386170.8, 3773269.9,	87.0,	87.0,	1.8);	(
(386139.8, 3773279.8,	87.0,	87.0,	1.8);	(
386097.9, 3773284.5,	87.0,	87.0,	1.8);	(
(386055.9, 3773289.1,	87.0,	87.0,	1.8);	(
386031.7, 3773292.1,	87.0,	87.0,	1.8);	(
(386008.3, 3773297.9,	87.0,	87.0,	1.8);	(
385985.0, 3773303.7,	87.0,	87.0,	1.8);	(
(385961.7, 3773309.5,	87.0,	87.0,	1.8);	(
385938.4, 3773315.4,	87.0,	87.0,	1.8);	(
(385915.1, 3773330.8,	87.0,	87.0,	1.8);	(
385887.2, 3773352.5,	87.0,	87.0,	1.8);	(
(385871.6, 3773388.4,	87.0,	87.0,	1.8);	(
385864.6, 3773411.7,	87.0,	87.0,	1.8);	(
(385872.7, 3773438.2,	87.0,	87.0,	1.8);	(
385906.9, 3773466.2,	87.0,	87.0,	1.8);	(
(385919.1, 3773446.8,	87.0,	87.0,	1.8);	(
385891.9, 3773486.8,	87.0,	87.0,	1.8);	(
(385878.3, 3773506.8,	87.0,	87.0,	1.8);	(
385864.7, 3773526.8,	87.0,	87.0,	1.8);	(
(385851.1, 3773546.8,	87.0,	87.0,	1.8);	(
385837.5, 3773566.8,	87.0,	87.0,	1.8);	(
(385824.0, 3773586.9,	87.0,	87.0,	1.8);	(
385810.3, 3773606.9,	87.0,	87.0,	1.8);	(
(385796.8, 3773626.9,	87.0,	87.0,	1.8);	(
385783.1, 3773646.9,	87.0,	87.0,	1.8);	(
(385769.6, 3773666.9,	87.0,	87.0,	1.8);	(
385756.0, 3773686.9,	87.0,	87.0,	1.8);	(
(385742.4, 3773706.9,	87.0,	87.0,	1.8);	(
385728.8, 3773726.9,	87.0,	87.0,	1.8);	(

(385715.2, 3773746.9,	87.0,	87.0,	1.8);	(
385701.6, 3773766.9,	87.0,	87.0,	1.8);	
(385688.0, 3773786.9,	87.0,	87.0,	1.8);	(
385674.4, 3773806.9,	87.0,	87.0,	1.8);	
(385660.8, 3773827.0,	87.0,	87.0,	1.8);	(
385647.2, 3773847.0,	87.0,	87.0,	1.8);	
(385633.6, 3773867.0,	87.0,	87.0,	1.8);	(
385620.0, 3773887.0,	87.0,	87.0,	1.8);	
(385606.4, 3773907.0,	87.0,	87.0,	1.8);	(
385592.8, 3773927.0,	87.0,	87.0,	1.8);	
(385581.3, 3773951.9,	87.0,	87.0,	1.8);	(
385572.0, 3773972.9,	87.0,	87.0,	1.8);	
(385553.8, 3774009.1,	87.0,	87.0,	1.8);	(
385543.1, 3774031.2,	87.0,	87.0,	1.8);	
(385535.4, 3774054.8,	87.0,	87.0,	1.8);	(
385527.7, 3774078.4,	87.0,	87.0,	1.8);	
(385520.0, 3774102.0,	87.0,	87.0,	1.8);	(
385512.3, 3774125.5,	87.0,	87.0,	1.8);	
(385504.7, 3774149.1,	87.0,	87.0,	1.8);	(
385497.0, 3774172.7,	87.0,	87.0,	1.8);	
(385489.3, 3774196.3,	87.0,	87.0,	1.8);	(
385481.6, 3774219.9,	87.0,	87.0,	1.8);	
(385474.0, 3774243.5,	87.0,	87.0,	1.8);	(
385466.3, 3774267.1,	87.0,	87.0,	1.8);	
(385458.6, 3774290.6,	87.0,	87.0,	1.8);	(
385450.9, 3774314.2,	87.0,	87.0,	1.8);	
(385443.2, 3774337.8,	87.0,	87.0,	1.8);	(
385435.6, 3774361.4,	87.0,	87.0,	1.8);	
(385427.9, 3774385.0,	87.0,	87.0,	1.8);	(
385420.2, 3774408.6,	87.0,	87.0,	1.8);	
(385412.5, 3774432.2,	87.0,	87.0,	1.8);	(
385398.0, 3774470.2,	87.0,	87.0,	1.8);	
(385383.1, 3774509.3,	87.0,	87.0,	1.8);	(
385366.4, 3774543.6,	87.0,	87.0,	1.8);	
(385344.0, 3774580.9,	87.0,	87.0,	1.8);	(
385321.6, 3774618.2,	87.0,	87.0,	1.8);	
(385295.1, 3774653.3,	87.0,	87.0,	1.8);	(
385281.1, 3774672.0,	87.0,	87.0,	1.8);	
(385267.1, 3774690.6,	87.0,	87.0,	1.8);	(
385253.1, 3774709.3,	87.0,	87.0,	1.8);	
(385239.1, 3774727.9,	87.0,	87.0,	1.8);	(
385211.6, 3774762.3,	87.0,	87.0,	1.8);	
(385183.7, 3774797.2,	87.0,	87.0,	1.8);	(
385168.8, 3774816.0,	87.0,	87.0,	1.8);	
(385154.1, 3774834.6,	87.0,	87.0,	1.8);	(
385139.3, 3774853.3,	87.0,	87.0,	1.8);	
(385124.5, 3774871.9,	87.0,	87.0,	1.8);	(
385109.8, 3774890.6,	87.0,	87.0,	1.8);	
(385095.0, 3774909.2,	87.0,	87.0,	1.8);	(
385081.0, 3774932.5,	87.0,	87.0,	1.8);	
(385068.8, 3774953.1,	87.0,	87.0,	1.8);	(
385056.7, 3774973.6,	87.0,	87.0,	1.8);	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

(385044.6, 3774994.1,	87.0,	87.0,	1.8);	(
385032.5, 3775014.6,	87.0,	87.0,	1.8);	(
(385023.1, 3775041.0,	87.0,	87.0,	1.8);	(
385015.9, 3775062.6,	87.0,	87.0,	1.8);	(
(385008.7, 3775084.3,	87.0,	87.0,	1.8);	(
385001.5, 3775105.9,	87.0,	87.0,	1.8);	(
(384994.3, 3775127.5,	87.0,	87.0,	1.8);	(
384987.1, 3775149.1,	87.0,	87.0,	1.8);	(
(384979.8, 3775170.7,	87.0,	87.0,	1.8);	(
384972.6, 3775192.3,	87.0,	87.0,	1.8);	(
(384965.4, 3775213.9,	87.0,	87.0,	1.8);	(
384958.2, 3775235.6,	87.0,	87.0,	1.8);	(
(384951.0, 3775257.2,	87.0,	87.0,	1.8);	(
384963.0, 3775287.1,	87.0,	87.0,	1.8);	(
(384998.0, 3775305.8,	87.0,	87.0,	1.8);	(
385032.9, 3775324.4,	87.0,	87.0,	1.8);	(
(385068.1, 3775311.0,	87.0,	87.0,	1.8);	(
385076.3, 3775288.9,	87.0,	87.0,	1.8);	(
(385084.5, 3775266.7,	87.0,	87.0,	1.8);	(
385092.6, 3775244.6,	87.0,	87.0,	1.8);	(
(385100.8, 3775222.4,	87.0,	87.0,	1.8);	(
385108.9, 3775200.3,	87.0,	87.0,	1.8);	(
(385117.1, 3775178.2,	87.0,	87.0,	1.8);	(
385125.2, 3775156.0,	87.0,	87.0,	1.8);	(
(384974.8, 3775265.1,	87.0,	87.0,	1.8);	(
385054.0, 3775027.3,	87.0,	87.0,	1.8);	(
(385114.6, 3774924.8,	87.0,	87.0,	1.8);	(
385203.2, 3774812.9,	87.0,	87.0,	1.8);	(
(385259.1, 3774742.9,	87.0,	87.0,	1.8);	(
385343.1, 3774631.0,	87.0,	87.0,	1.8);	(
(385399.0, 3774537.8,	87.0,	87.0,	1.8);	(
385436.3, 3774439.9,	87.0,	87.0,	1.8);	(
(385566.8, 3774038.9,	87.0,	87.0,	1.8);	(
385594.8, 3773983.0,	87.0,	87.0,	1.8);	(
(385613.5, 3773941.0,	87.0,	87.0,	1.8);	(
385939.8, 3773460.8,	87.0,	87.0,	1.8);	(
(385888.5, 3773418.9,	87.0,	87.0,	1.8);	(
385902.5, 3773372.3,	87.0,	87.0,	1.8);	(

(385944.5, 3773339.6,	87.0,	87.0,	1.8);	(
386037.7, 3773316.3,	87.0,	87.0,	1.8);	
(386163.6, 3773302.3,	87.0,	87.0,	1.8);	(
386317.4, 3773218.4,	87.0,	87.0,	1.8);	
(386410.7, 3773157.8,	87.0,	87.0,	1.8);	(
386494.6, 3773055.2,	87.0,	87.0,	1.8);	
(386583.2, 3772915.4,	87.0,	87.0,	1.8);	(
386620.5, 3772859.4,	87.0,	87.0,	1.8);	
(386667.1, 3772756.9,	87.0,	87.0,	1.8);	(
386709.1, 3772519.1,	87.0,	87.0,	1.8);	
(386755.7, 3772076.2,	87.0,	87.0,	1.8);	(
386769.7, 3771665.9,	87.0,	87.0,	1.8);	
(386779.0, 3771656.6,	87.0,	87.0,	1.8);	(
386788.3, 3771651.9,	87.0,	87.0,	1.8);	
(386839.6, 3771684.6,	87.0,	87.0,	1.8);	(
386848.9, 3772024.9,	87.0,	87.0,	1.8);	
(386890.9, 3772155.4,	87.0,	87.0,	1.8);	(
386914.2, 3772309.3,	87.0,	87.0,	1.8);	
(386923.5, 3772453.8,	87.0,	87.0,	1.8);	(
386895.5, 3772617.0,	87.0,	87.0,	1.8);	
(386848.9, 3772752.2,	87.0,	87.0,	1.8);	(
386774.3, 3772892.1,	87.0,	87.0,	1.8);	
(386685.8, 3773017.9,	87.0,	87.0,	1.8);	(
386611.2, 3773125.2,	87.0,	87.0,	1.8);	
(386499.3, 3773223.1,	87.0,	87.0,	1.8);	(
386294.1, 3773325.6,	87.0,	87.0,	1.8);	
(386210.2, 3773367.6,	87.0,	87.0,	1.8);	(
386079.7, 3773474.8,	87.0,	87.0,	1.8);	
(386280.1, 3773596.0,	87.0,	87.0,	1.8);	(
386228.9, 3773666.0,	87.0,	87.0,	1.8);	
(386005.1, 3773516.8,	87.0,	87.0,	1.8);	(
385655.4, 3774011.0,	87.0,	87.0,	1.8);	
(385883.9, 3774150.8,	87.0,	87.0,	1.8);	(
385860.6, 3774197.5,	87.0,	87.0,	1.8);	
(385641.4, 3774043.6,	87.0,	87.0,	1.8);	(
385496.9, 3774486.5,	87.0,	87.0,	1.8);	
(385417.6, 3774649.7,	87.0,	87.0,	1.8);	(
385310.4, 3774766.2,	87.0,	87.0,	1.8);	
(385361.7, 3774812.9,	87.0,	87.0,	1.8);	(
385277.8, 3774924.8,	87.0,	87.0,	1.8);	
(385399.0, 3774990.0,	87.0,	87.0,	1.8);	(
385380.4, 3775032.0,	87.0,	87.0,	1.8);	
(385273.1, 3774943.4,	87.0,	87.0,	1.8);	(
385231.2, 3774948.1,	87.0,	87.0,	1.8);	
(385207.9, 3774938.7,	87.0,	87.0,	1.8);	(
385147.2, 3775027.3,	87.0,	87.0,	1.8);	
(385110.0, 3775125.2,	87.0,	87.0,	1.8);	(
385044.7, 3775302.4,	87.0,	87.0,	1.8);	

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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** UP TO THE FIRST 24 HOURS OF

METEOROLOGICAL DATA ***

Surface file: CELA_v9.SFC
 Met Version: 16216
 Profile file: CELA_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 93134 Upper air station no.:
 3190
 Name: UNKNOWN Name:
 UNKNOWN Year: 2010 Year:
 2010

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					
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	01	01	1	01	-33.0	0.331	-9.000	-9.000	-999.	456.	120.2	0.56	
0.86	1.00			3.10	38.	21.3	284.9	17.7					
10	01	01	1	02	-26.9	0.285	-9.000	-9.000	-999.	367.	89.6	0.56	
0.86	1.00			2.70	38.	21.3	284.2	17.7					
10	01	01	1	03	-38.6	0.387	-9.000	-9.000	-999.	577.	164.6	0.56	
0.86	1.00			3.60	35.	21.3	284.2	17.7					
10	01	01	1	04	-33.0	0.331	-9.000	-9.000	-999.	458.	120.2	0.56	
0.86	1.00			3.10	34.	21.3	283.8	17.7					
10	01	01	1	05	-33.1	0.331	-9.000	-9.000	-999.	456.	120.2	0.56	
0.86	1.00			3.10	37.	21.3	283.1	17.7					
10	01	01	1	06	-38.7	0.387	-9.000	-9.000	-999.	577.	164.5	0.56	
0.86	1.00			3.60	24.	21.3	283.1	17.7					
10	01	01	1	07	-38.6	0.387	-9.000	-9.000	-999.	577.	164.5	0.56	
0.86	1.00			3.60	35.	21.3	283.8	17.7					
10	01	01	1	08	-29.6	0.435	-9.000	-9.000	-999.	688.	251.8	0.56	
0.86	0.55			4.00	35.	21.3	283.8	17.7					
10	01	01	1	09	30.0	0.426	0.367	0.008	59.	666.	-232.0	0.56	
0.86	0.32			3.60	38.	21.3	286.4	17.7					
10	01	01	1	10	72.3	0.359	0.629	0.008	124.	519.	-57.8	0.56	
0.86	0.24			2.70	34.	21.3	290.4	17.7					
10	01	01	1	11	104.4	0.321	0.998	0.008	344.	437.	-28.6	0.56	
0.86	0.21			2.20	43.	21.3	292.5	17.7					
10	01	01	1	12	115.1	0.283	1.156	0.008	484.	363.	-17.9	0.56	
0.86	0.20			1.80	62.	21.3	295.9	17.7					

10	01	01	1	13	91.4	0.406	1.130	0.008	568.	622.	-66.2	0.56
0.86	0.20			3.10	263.	21.3	294.2	17.7				
10	01	01	1	14	89.3	0.316	1.168	0.008	642.	432.	-31.9	0.56
0.86	0.21			2.20	259.	21.3	294.9	17.7				
10	01	01	1	15	42.6	0.295	0.928	0.008	675.	384.	-54.0	0.56
0.86	0.25			2.20	267.	21.3	294.9	17.7				
10	01	01	1	16	12.0	0.359	0.609	0.008	680.	516.	-347.9	0.56
0.86	0.33			3.10	264.	21.3	292.5	17.7				
10	01	01	1	17	-15.7	0.231	-9.000	-9.000	-999.	276.	70.7	0.56
0.86	0.60			2.20	288.	21.3	290.9	17.7				
10	01	01	1	18	-6.1	0.135	-9.000	-9.000	-999.	124.	36.7	0.56
0.86	1.00			1.30	344.	21.3	289.2	17.7				
10	01	01	1	19	-11.4	0.184	-9.000	-9.000	-999.	190.	49.2	0.56
0.86	1.00			1.80	2.	21.3	288.8	17.7				
10	01	01	1	20	-17.4	0.229	-9.000	-9.000	-999.	263.	62.1	0.56
0.86	1.00			2.20	22.	21.3	288.1	17.7				
10	01	01	1	21	-17.4	0.229	-9.000	-9.000	-999.	263.	61.9	0.56
0.86	1.00			2.20	40.	21.3	287.0	17.7				
10	01	01	1	22	-11.5	0.184	-9.000	-9.000	-999.	190.	49.1	0.56
0.86	1.00			1.80	306.	21.3	287.0	17.7				
10	01	01	1	23	-11.5	0.184	-9.000	-9.000	-999.	190.	49.0	0.56
0.86	1.00			1.80	45.	21.3	286.4	17.7				
10	01	01	1	24	-11.5	0.184	-9.000	-9.000	-999.	190.	49.0	0.56
0.86	1.00			1.80	67.	21.3	286.4	17.7				

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	17.7	0	-999.	-99.00	284.9	99.0	-99.00	-99.00
10	01	01	01	21.3	1	38.	3.10	-999.0	99.0	-99.00	-99.00

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

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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
385133.31	3775134.13	2.45903		
385148.23	3775094.97	2.48536		
385163.15	3775055.80	2.56675		
385180.00	3775023.72	2.48792		
385204.25	3774988.29	2.20294		
385228.49	3774952.86	2.00258		
385198.57	3774961.95	3.26610		
385254.92	3774970.58	1.26256		
385292.95	3774992.20	0.81314		
385310.82	3775006.96	0.68444		
385328.69	3775021.73	0.58966		
385346.57	3775036.49	0.51714		
385364.44	3775051.25	0.45989		
385403.20	3775042.14	0.40135		
385412.53	3775021.16	0.40531		
385421.85	3775000.19	0.40999		
385410.86	3774968.02	0.46092		
385390.66	3774957.14	0.51624		
385370.46	3774946.26	0.58591		
385350.25	3774935.38	0.67628		
385330.05	3774924.50	0.79796		
385309.85	3774913.63	0.97105		
385339.75	3774883.82	0.89237		
385353.74	3774865.17	0.88194		
385367.72	3774846.52	0.87680		
385381.71	3774827.87	0.87962		
385378.53	3774794.37	1.11462		
385361.44	3774778.83	1.49371		
385344.34	3774763.29	2.24230		
385374.78	3774733.22	2.22770		

	385390.10	3774716.57	2.12933
385405.41	3774699.92	1.97728	
	385420.73	3774683.27	1.84046
385436.05	3774666.62	1.71614	
	385450.04	3774640.22	1.77739
385459.95	3774619.82	1.82174	
	385469.86	3774599.42	1.84864
385479.77	3774579.03	1.85520	
	385489.67	3774558.63	1.84032
385499.58	3774538.24	1.84414	
	385509.49	3774517.84	1.87236
385519.40	3774497.44	1.90863	
	385528.28	3774470.96	2.06579
385535.89	3774447.65	2.15478	
	385543.50	3774424.34	2.17839
385551.10	3774401.03	2.15177	
	385558.71	3774377.72	2.13614
385566.32	3774354.41	2.12991	
	385573.92	3774331.10	2.12461
385581.53	3774307.79	2.10966	
	385589.14	3774284.48	2.08980
385596.75	3774261.16	2.07078	
	385604.35	3774237.85	2.05116
385611.96	3774214.54	2.03087	
	385619.57	3774191.23	2.01313
385627.17	3774167.92	1.99981	
	385634.78	3774144.61	1.99162
385642.39	3774121.30	2.00369	
	385649.99	3774097.99	2.05959
385657.60	3774074.68	2.15806	
	385686.83	3774106.03	1.25143
385706.75	3774120.02	0.99450	
	385726.67	3774134.00	0.82128
385746.59	3774147.99	0.69867	
	385766.51	3774161.97	0.60780
385786.43	3774175.96	0.53746	
	385806.35	3774189.95	0.47897
385826.27	3774203.93	0.43154	
	385846.19	3774217.92	0.39246
385874.80	3774215.17	0.35893	
	385890.69	3774193.10	0.35333
385906.23	3774162.02	0.35412	
	385896.92	3774129.52	0.38481
385876.16	3774116.80	0.42265	
	385855.39	3774104.09	0.46931
385834.62	3774091.37	0.52790	
	385813.85	3774078.66	0.60208
385793.08	3774065.95	0.69898	
	385772.31	3774053.23	0.83041
385751.55	3774040.52	1.01059	

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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
385730.78	3774027.80	1.26856		
385710.01	3774015.09	1.66494		
385689.24	3774002.37	2.42193		
385717.79	3773966.12	2.19639		
385731.77	3773946.35	2.16324		
385745.76	3773926.58	2.12565		
385759.75	3773906.81	2.05991		
385773.73	3773887.05	2.01002		
385787.72	3773867.28	1.97404		
385801.71	3773847.51	1.94731		
385815.69	3773827.74	1.93537		
385829.68	3773807.98	1.93260		
385843.67	3773788.21	1.92613		
385857.65	3773768.44	1.91192		
385871.64	3773748.67	1.89108		
385885.62	3773728.91	1.87362		
385899.61	3773709.14	1.86560		
385913.60	3773689.37	1.86342		
385927.58	3773669.60	1.86389		
385941.57	3773649.84	1.87752		
385955.56	3773630.07	1.92400		
385969.54	3773610.30	1.99729		
385983.53	3773590.53	2.10112		
385997.52	3773570.76	2.28084		
386011.50	3773551.00	2.58215		
386025.49	3773531.23	3.07472		
385991.21	3773537.59	4.14842		
386031.90	3773564.72	1.87656		
386052.24	3773578.28	1.45341		
386072.59	3773591.84	1.17156		

	386092.93	3773605.40	0.97349
386113.27	3773618.97	0.82783	
	386133.62	3773632.53	0.71593
386153.96	3773646.09	0.62856	
	386174.31	3773659.66	0.55847
386194.65	3773673.22	0.50054	
	386214.99	3773686.78	0.45280
386249.02	3773680.77	0.42145	
	386274.66	3773645.80	0.43605
386300.31	3773610.84	0.45100	
	386293.09	3773574.66	0.51651
386273.04	3773562.54	0.57507	
	386252.99	3773550.41	0.64699
386232.94	3773538.29	0.73654	
	386212.90	3773526.17	0.85053
386192.85	3773514.05	1.00007	
	386172.80	3773501.93	1.20344
386152.76	3773489.81	1.48949	
	386132.71	3773477.69	1.92641
386112.66	3773465.57	2.70357	
	386151.49	3773448.20	2.16655
386170.14	3773432.88	2.18630	
	386188.79	3773417.57	2.23111
386207.44	3773402.25	2.28800	
	386226.09	3773386.93	2.38250
386263.36	3773368.99	2.18350	
	386284.33	3773358.50	2.10308
386305.31	3773348.01	2.00628	
	386325.82	3773337.75	1.89144
386346.34	3773327.50	1.79361	
	386366.85	3773317.24	1.71533
386387.37	3773306.98	1.62905	
	386407.88	3773296.73	1.53676
386428.39	3773286.47	1.44669	
	386448.91	3773276.21	1.34117
386469.42	3773265.95	1.21978	
	386489.94	3773255.70	1.10776
386510.45	3773245.44	1.01701	
	386534.38	3773225.58	0.97155
386553.03	3773209.26	0.94623	
	386571.68	3773192.94	0.92586
386590.33	3773176.63	0.91369	
	386608.97	3773160.31	0.90450
386627.62	3773143.99	0.88853	
	386644.11	3773121.58	0.90663
386668.98	3773085.84	0.91798	
	386693.84	3773050.10	0.89333
386718.85	3773014.35	0.86954	
	386744.16	3772978.39	0.86124
386769.47	3772942.42	0.84083	

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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
386794.78	3772906.46	0.80831		
386807.05	3772883.86	0.80525		
386828.36	3772843.90	0.79354		
386839.02	3772823.92	0.78191		
386849.67	3772803.94	0.76647		
386860.33	3772783.96	0.74736		
386870.99	3772763.98	0.72694		
386880.33	3772737.82	0.72047		
386888.10	3772715.29	0.71110		
386895.87	3772692.75	0.69517		
386903.64	3772670.22	0.67206		
386911.41	3772647.68	0.64220		
386919.18	3772625.15	0.60973		
386924.19	3772597.91	0.59023		
386928.18	3772574.60	0.57631		
386932.18	3772551.29	0.56670		
386936.17	3772527.98	0.56245		
386940.17	3772504.67	0.56238		
386944.16	3772481.36	0.56332		
386948.16	3772458.05	0.56277		
386946.91	3772428.13	0.58187		
386945.36	3772404.04	0.60008		
386943.81	3772379.96	0.61555		
386942.25	3772355.87	0.62960		
386940.70	3772331.78	0.64338		
386939.15	3772307.69	0.65741		
386935.59	3772283.58	0.68138		
386928.93	3772239.62	0.72510		
386922.27	3772195.66	0.77269		
386915.61	3772151.70	0.84180		

	386907.70	3772126.04	0.92846
386900.70	3772104.29	0.99833	
	386893.71	3772082.53	1.08229
386886.72	3772060.78	1.18651	
	386879.72	3772039.02	1.31887
386872.73	3772017.27	1.47262	
	386872.59	3771975.61	1.42209
386871.92	3771951.30	1.41800	
	386871.25	3771926.99	1.44298
386870.59	3771902.68	1.46056	
	386869.92	3771878.37	1.43149
386869.26	3771854.06	1.37536	
	386868.59	3771829.75	1.27901
386867.92	3771805.44	1.18081	
	386867.26	3771781.13	1.06802
386866.59	3771756.82	0.92927	
	386865.92	3771732.51	0.77669
386865.26	3771708.20	0.61155	
	386864.59	3771683.89	0.47373
386853.02	3771663.49	0.45062	
	386818.83	3771641.73	0.65910
386783.38	3771628.28	0.72849	
	386761.31	3771638.93	0.95663
386744.68	3771665.08	1.27542	
	386743.86	3771689.21	1.57890
386743.04	3771713.35	1.79348	
	386742.22	3771737.48	1.92782
386741.39	3771761.61	2.03942	
	386740.57	3771785.75	2.11410
386739.75	3771809.88	2.17287	
	386738.92	3771834.01	2.23252
386738.10	3771858.15	2.33043	
	386737.28	3771882.28	2.43174
386736.46	3771906.41	2.47634	
	386735.63	3771930.55	2.54584
386734.81	3771954.68	2.66074	
	386733.99	3771978.81	2.72651
386733.16	3772002.95	2.79278	
	386732.34	3772027.08	2.91874
386731.52	3772051.21	3.00947	
	386730.69	3772075.35	3.07014
386728.23	3772098.19	3.00724	
	386725.64	3772122.79	2.94126
386723.05	3772147.40	2.81034	
	386720.46	3772172.01	2.70882
386717.87	3772196.61	2.62670	
	386715.28	3772221.22	2.56551
386712.69	3772245.82	2.53653	
	386710.10	3772270.43	2.53913
386707.51	3772295.03	2.56322	

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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
386704.92	3772319.64	2.63269		
386702.33	3772344.24	2.66586		
386699.74	3772368.85	2.72365		
386697.15	3772393.46	2.73458		
386694.56	3772418.06	2.74733		
386691.97	3772442.67	2.77215		
386689.38	3772467.27	2.79667		
386686.79	3772491.88	2.81543		
386684.20	3772516.48	2.83371		
386676.05	3772562.31	2.71767		
386671.85	3772586.09	2.66201		
386667.66	3772609.86	2.60473		
386663.46	3772633.64	2.54197		
386659.26	3772657.42	2.47029		
386655.07	3772681.19	2.40522		
386650.87	3772704.97	2.37823		
386646.68	3772728.75	2.40429		
386642.48	3772752.53	2.47273		
386625.69	3772787.55	2.28969		
386616.37	3772808.07	2.28295		
386607.04	3772828.58	2.30531		
386597.72	3772849.10	2.36565		
386574.82	3772882.87	2.26642		
386562.39	3772901.51	2.24215		
386549.41	3772921.98	2.30144		
386536.76	3772941.96	2.35514		
386524.10	3772961.94	2.40087		
386511.45	3772981.92	2.43944		
386498.79	3773001.90	2.42374		
386486.14	3773021.88	2.32626		

	386473.48	3773041.86	2.19061
386447.28	3773073.60	1.93182	
	386419.31	3773107.79	1.83341
386391.34	3773141.98	2.05371	
	386359.77	3773161.09	2.06418
386322.47	3773185.34	2.20656	
	386286.24	3773206.96	2.29755
386247.77	3773227.94	2.34614	
	386209.31	3773248.92	2.41443
386170.85	3773269.90	2.52761	
	386139.85	3773279.82	2.45653
386097.90	3773284.48	2.18095	
	386055.94	3773289.14	1.91478
386031.66	3773292.07	1.79165	
	386008.34	3773297.89	1.72306
385985.03	3773303.72	1.65831	
	385961.72	3773309.55	1.58599
385938.41	3773315.38	1.50249	
	385915.13	3773330.78	1.47053
385887.17	3773352.54	1.41518	
	385871.58	3773388.39	1.47976
385864.58	3773411.70	1.53026	
	385872.70	3773438.24	1.75509
385906.88	3773466.21	2.70801	
	385919.13	3773446.80	2.79934
385891.94	3773486.81	2.58443	
	385878.34	3773506.82	2.57581
385864.74	3773526.83	2.61640	
	385851.14	3773546.84	2.72815
385837.55	3773566.85	2.87061	
	385823.95	3773586.86	2.95742
385810.35	3773606.86	2.92846	
	385796.75	3773626.87	2.87998
385783.15	3773646.88	2.84765	
	385769.56	3773666.89	2.84345
385755.96	3773686.90	2.85496	
	385742.36	3773706.91	2.87486
385728.76	3773726.91	2.90157	
	385715.16	3773746.92	2.93024
385701.57	3773766.93	2.93635	
	385687.97	3773786.94	2.88136
385674.37	3773806.95	2.78213	
	385660.77	3773826.96	2.77716
385647.17	3773846.96	2.79513	
	385633.58	3773866.97	2.82376
385619.98	3773886.98	2.86804	
	385606.38	3773906.99	2.85904
385592.78	3773927.00	2.72015	
	385581.29	3773951.88	2.65224
385571.96	3773972.86	2.63582	

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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
385553.80	3774009.12	2.49627		
385543.07	3774031.21	2.40161		
385535.39	3774054.80	2.44151		
385527.71	3774078.38	2.53805		
385520.03	3774101.97	2.66385		
385512.35	3774125.55	2.80520		
385504.67	3774149.14	2.87106		
385497.00	3774172.72	2.81868		
385489.32	3774196.31	2.77325		
385481.64	3774219.89	2.69025		
385473.96	3774243.48	2.62516		
385466.28	3774267.06	2.56233		
385458.60	3774290.65	2.50716		
385450.92	3774314.23	2.48470		
385443.24	3774337.82	2.46790		
385435.56	3774361.40	2.42809		
385427.89	3774384.99	2.37359		
385420.21	3774408.58	2.37544		
385412.53	3774432.16	2.37586		
385398.02	3774470.16	2.28053		
385383.11	3774509.32	2.30710		
385366.38	3774543.58	2.34307		
385344.00	3774580.88	2.35442		
385321.62	3774618.18	2.46130		
385295.09	3774653.34	2.36311		
385281.10	3774671.98	2.27250		
385267.11	3774690.63	2.20070		
385253.13	3774709.28	2.18659		
385239.14	3774727.93	2.20463		
385211.65	3774762.28	2.28509		

	385183.68	3774797.25	2.26248
385168.84	3774816.00	2.29806	
	385154.07	3774834.65	2.36596
385139.31	3774853.30	2.43969	
	385124.55	3774871.95	2.52135
385109.78	3774890.59	2.58314	
	385095.02	3774909.24	2.62464
385080.98	3774932.55	2.77564	
	385068.85	3774953.06	2.82933
385056.73	3774973.58	2.71877	
	385044.61	3774994.09	2.48851
385032.49	3775014.60	2.27064	
	385023.09	3775041.03	2.21261
385015.88	3775062.64	2.17168	
	385008.68	3775084.26	2.10333
385001.47	3775105.88	2.02736	
	384994.27	3775127.49	1.93873
384987.06	3775149.11	1.84389	
	384979.85	3775170.72	1.71316
384972.65	3775192.34	1.52585	
	384965.44	3775213.95	1.25191
384958.24	3775235.57	0.89140	
	384951.03	3775257.18	0.56335
384962.98	3775287.15	0.47148	
	384997.95	3775305.80	0.72954
385032.91	3775324.45	0.78244	
	385068.14	3775311.03	1.03638
385076.30	3775288.89	1.42900	
	385084.46	3775266.74	1.80450
385092.61	3775244.60	2.09644	
	385100.77	3775222.45	2.25554
385108.93	3775200.31	2.31547	
	385117.09	3775178.16	2.35924
385125.25	3775156.02	2.41921	
	384974.75	3775265.09	0.80953
385054.01	3775027.32	3.45269	
	385114.62	3774924.76	4.12124
385203.20	3774812.87	3.77485	
	385259.14	3774742.93	3.73361
385343.06	3774631.04	4.46235	
	385399.01	3774537.80	4.11780
385436.30	3774439.90	4.06876	
	385566.84	3774038.95	4.08180
385594.81	3773983.01	4.63413	
	385613.46	3773941.05	4.73014
385939.81	3773460.85	4.33460	
	385888.53	3773418.89	1.83313
385902.52	3773372.27	1.65901	
	385944.47	3773339.63	1.75523
386037.72	3773316.32	2.19618	

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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
386163.59	3773302.34	4.35614		
386317.44	3773218.42	3.72041		
386410.69	3773157.81	3.28162		
386494.60	3773055.24	3.96257		
386583.19	3772915.38	3.58912		
386620.48	3772859.44	3.83427		
386667.10	3772756.87	4.18092		
386709.06	3772519.10	4.99046		
386755.68	3772076.20	5.66957		
386769.67	3771665.93	1.50193		
386778.99	3771656.61	1.27989		
386788.32	3771651.95	1.14126		
386839.60	3771684.58	0.72628		
386848.93	3772024.92	2.37571		
386890.89	3772155.45	1.10589		
386914.20	3772309.30	0.82397		
386923.52	3772453.83	0.66992		
386895.55	3772617.00	0.74247		
386848.93	3772752.21	0.88059		
386774.33	3772892.07	0.99946		
386685.75	3773017.95	1.11295		
386611.16	3773125.18	1.12353		
386499.27	3773223.08	1.32590		
386294.13	3773325.65	3.46196		
386210.22	3773367.61	4.25528		
386079.68	3773474.84	4.06599		
386280.15	3773596.05	0.50075		
386228.86	3773665.98	0.46482		
386005.08	3773516.79	5.29535		
385655.42	3774010.98	4.98871		

	385883.87	3774150.84	0.38675
385860.56	3774197.46	0.38617	
	385641.44	3774043.61	4.39800
385496.91	3774486.52	3.46067	
	385417.65	3774649.69	2.91684
385310.43	3774766.24	4.27487	
	385361.71	3774812.87	1.11667
385277.79	3774924.76	1.25083	
	385399.01	3774990.03	0.45799
385380.36	3775031.98	0.44871	
	385273.13	3774943.40	1.19241
385231.17	3774948.07	2.00327	
	385207.86	3774938.74	3.56423
385147.25	3775027.32	5.43144	
	385109.95	3775125.23	5.07592
385044.68	3775302.39	1.34389	

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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN
 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
385133.31	3775134.13	61.32538	(16060306)	
385148.23	3775094.97	60.58583	(16060306)	
385163.15	3775055.80	62.73116	(16060906)	
385180.00	3775023.72	60.38998	(16060906)	
385204.25	3774988.29	56.33432	(15060806)	
385228.49	3774952.86	54.01936	(14021808)	
385198.57	3774961.95	75.01337	(14021808)	
385254.92	3774970.58	40.00651	(14021808)	
385292.95	3774992.20	29.53397	(14032507)	
385310.82	3775006.96	26.41332	(14032507)	
385328.69	3775021.73	24.46643	(16052406)	
385346.57	3775036.49	22.90483	(16052406)	
385364.44	3775051.25	21.62244	(16052406)	
385403.20	3775042.14	20.50941	(16052406)	
385412.53	3775021.16	20.86500	(16052406)	
385421.85	3775000.19	21.22086	(16052406)	
385410.86	3774968.02	22.88117	(16052406)	
385390.66	3774957.14	24.30835	(16052406)	
385370.46	3774946.26	25.94754	(16052406)	
385350.25	3774935.38	27.82231	(16052406)	
385330.05	3774924.50	30.02621	(16052406)	
385309.85	3774913.63	33.85530	(14021808)	
385339.75	3774883.82	33.02140	(16052406)	
385353.74	3774865.17	33.66934	(16052406)	
385367.72	3774846.52	34.24649	(16052406)	
385381.71	3774827.87	34.79433	(16052406)	
385378.53	3774794.37	40.40182	(16052406)	
385361.44	3774778.83	47.91741	(16052406)	
385344.34	3774763.29	61.49033	(16052406)	
385374.78	3774733.22	60.37726	(16052406)	

	385390.10	3774716.57	57.03607	(16052406)
385405.41	3774699.92	55.14153	(16052406)	
	385420.73	3774683.27	52.79601	(16052406)
385436.05	3774666.62	49.92545	(16052406)	
	385450.04	3774640.22	50.56257	(16052406)
385459.95	3774619.82	50.93353	(14061006)	
	385469.86	3774599.42	52.12002	(14061006)
385479.77	3774579.03	52.29623	(14061006)	
	385489.67	3774558.63	52.76131	(14061006)
385499.58	3774538.24	53.38181	(14061006)	
	385509.49	3774517.84	54.04802	(14061006)
385519.40	3774497.44	53.66872	(14061006)	
	385528.28	3774470.96	54.98335	(16070106)
385535.89	3774447.65	55.81324	(14041506)	
	385543.50	3774424.34	58.58263	(15081106)
385551.10	3774401.03	55.65611	(14041506)	
	385558.71	3774377.72	55.53888	(16063006)
385566.32	3774354.41	55.09952	(16063006)	
	385573.92	3774331.10	54.51089	(16063006)
385581.53	3774307.79	53.82026	(16063006)	
	385589.14	3774284.48	53.61452	(16063006)
385596.75	3774261.16	54.52764	(15061106)	
	385604.35	3774237.85	54.59502	(15061106)
385611.96	3774214.54	54.68546	(15061106)	
	385619.57	3774191.23	54.76337	(15061106)
385627.17	3774167.92	52.77361	(14041506)	
	385634.78	3774144.61	53.32510	(15061106)
385642.39	3774121.30	53.28025	(15061106)	
	385649.99	3774097.99	52.62104	(15061106)
385657.60	3774074.68	53.64333	(14061006)	
	385686.83	3774106.03	40.11829	(15060806)
385706.75	3774120.02	34.86307	(16070406)	
	385726.67	3774134.00	29.04343	(14041506)
385746.59	3774147.99	26.82635	(14041506)	
	385766.51	3774161.97	24.76263	(16072606)
385786.43	3774175.96	22.81122	(16072606)	
	385806.35	3774189.95	21.33257	(14041506)
385826.27	3774203.93	20.14712	(14041506)	
	385846.19	3774217.92	18.93675	(14041506)
385874.80	3774215.17	17.53018	(14041506)	
	385890.69	3774193.10	17.09548	(16052406)
385906.23	3774162.02	17.19389	(16052406)	
	385896.92	3774129.52	18.02727	(16052406)
385876.16	3774116.80	18.94797	(16052406)	
	385855.39	3774104.09	20.13411	(16052406)
385834.62	3774091.37	21.56711	(16052406)	
	385813.85	3774078.66	23.51258	(16052406)
385793.08	3774065.95	25.96232	(16052406)	
	385772.31	3774053.23	29.20250	(16052406)
385751.55	3774040.52	33.45068	(14061006)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN
 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
385730.78	3774027.80	38.95006	(14061006)	
385710.01	3774015.09	46.22796	(14061006)	
385689.24	3774002.37	58.30016	(16063006)	
385717.79	3773966.12	54.33575	(15072806)	
385731.77	3773946.35	55.66273	(10072206)	
385745.76	3773926.58	58.73727	(10072206)	
385759.75	3773906.81	53.83873	(14061006)	
385773.73	3773887.05	53.06067	(14061006)	
385787.72	3773867.28	52.45873	(14061006)	
385801.71	3773847.51	52.15416	(16052406)	
385815.69	3773827.74	51.83821	(16052406)	
385829.68	3773807.98	51.46195	(16063006)	
385843.67	3773788.21	51.87759	(16063006)	
385857.65	3773768.44	51.43543	(14061006)	
385871.64	3773748.67	50.73584	(14061006)	
385885.62	3773728.91	50.14333	(16052406)	
385899.61	3773709.14	49.83056	(16052406)	
385913.60	3773689.37	49.67801	(16052406)	
385927.58	3773669.60	49.97656	(16052406)	
385941.57	3773649.84	50.82019	(15090206)	
385955.56	3773630.07	52.17048	(16052406)	
385969.54	3773610.30	54.66039	(16052406)	
385983.53	3773590.53	57.99089	(16052406)	
385997.52	3773570.76	62.62870	(16052406)	
386011.50	3773551.00	70.21447	(16052406)	
386025.49	3773531.23	81.75193	(14061006)	
385991.21	3773537.59	94.07494	(16052406)	
386031.90	3773564.72	56.61847	(14061006)	
386052.24	3773578.28	47.07609	(14061006)	
386072.59	3773591.84	40.08091	(14061006)	

	386092.93	3773605.40	34.98779	(16063006)
386113.27	3773618.97	31.09730	(16063006)	
	386133.62	3773632.53	28.06999	(16060306)
386153.96	3773646.09	25.65579	(16060306)	
	386174.31	3773659.66	23.78154	(16070106)
386194.65	3773673.22	22.21550	(16070106)	
	386214.99	3773686.78	20.88771	(16052406)
386249.02	3773680.77	19.99882	(16070106)	
	386274.66	3773645.80	20.35707	(16070106)
386300.31	3773610.84	20.90897	(16060906)	
	386293.09	3773574.66	22.81571	(16060906)
386273.04	3773562.54	24.48567	(16060906)	
	386252.99	3773550.41	26.44092	(16060906)
386232.94	3773538.29	28.78639	(16060906)	
	386212.90	3773526.17	31.65315	(16060906)
386192.85	3773514.05	35.24478	(16060906)	
	386172.80	3773501.93	39.88539	(16060906)
386152.76	3773489.81	46.12335	(16060906)	
	386132.71	3773477.69	55.08068	(16060906)
386112.66	3773465.57	68.86792	(16060906)	
	386151.49	3773448.20	58.16100	(14032507)
386170.14	3773432.88	57.55995	(14032507)	
	386188.79	3773417.57	58.35788	(16083106)
386207.44	3773402.25	60.61737	(14021808)	
	386226.09	3773386.93	58.93734	(14021808)
386263.36	3773368.99	56.27841	(16052406)	
	386284.33	3773358.50	54.64792	(16052406)
386305.31	3773348.01	54.19562	(14032507)	
	386325.82	3773337.75	52.45974	(14021808)
386346.34	3773327.50	51.57003	(14021808)	
	386366.85	3773317.24	49.03266	(14021808)
386387.37	3773306.98	47.82887	(14021808)	
	386407.88	3773296.73	46.67931	(14021808)
386428.39	3773286.47	45.00311	(14021808)	
	386448.91	3773276.21	44.11577	(14021808)
386469.42	3773265.95	43.02044	(16070406)	
	386489.94	3773255.70	40.61413	(14021808)
386510.45	3773245.44	39.14117	(14021808)	
	386534.38	3773225.58	38.48966	(14021808)
386553.03	3773209.26	37.73057	(16052406)	
	386571.68	3773192.94	37.05117	(16052406)
386590.33	3773176.63	37.12357	(16052406)	
	386608.97	3773160.31	37.12080	(14061006)
386627.62	3773143.99	36.88611	(14061006)	
	386644.11	3773121.58	37.18877	(14061006)
386668.98	3773085.84	36.71616	(14061006)	
	386693.84	3773050.10	36.21110	(14061006)
386718.85	3773014.35	36.02459	(16070406)	
	386744.16	3772978.39	36.08800	(16070406)
386769.47	3772942.42	36.57714	(14041506)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN
 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
386794.78	3772906.46	36.33640	(14041506)	
386807.05	3772883.86	35.41839	(14041506)	
386828.36	3772843.90	34.47184	(14041506)	
386839.02	3772823.92	34.62195	(14041506)	
386849.67	3772803.94	34.46050	(14041506)	
386860.33	3772783.96	34.27858	(14041506)	
386870.99	3772763.98	34.04822	(14041506)	
386880.33	3772737.82	34.22141	(14041506)	
386888.10	3772715.29	34.30453	(14041506)	
386895.87	3772692.75	33.95785	(14041506)	
386903.64	3772670.22	33.61493	(14041506)	
386911.41	3772647.68	33.22726	(14041506)	
386919.18	3772625.15	32.87583	(14041506)	
386924.19	3772597.91	32.89747	(14041506)	
386928.18	3772574.60	32.90884	(14041506)	
386932.18	3772551.29	33.14526	(16072806)	
386936.17	3772527.98	33.62580	(15061106)	
386940.17	3772504.67	34.05423	(15061106)	
386944.16	3772481.36	34.39365	(15061106)	
386948.16	3772458.05	34.66161	(15061106)	
386946.91	3772428.13	35.76809	(15061106)	
386945.36	3772404.04	36.60019	(15061106)	
386943.81	3772379.96	37.98625	(10051106)	
386942.25	3772355.87	38.18150	(15061106)	
386940.70	3772331.78	38.36300	(14060506)	
386939.15	3772307.69	38.14794	(15061106)	
386935.59	3772283.58	38.97599	(15061106)	
386928.93	3772239.62	42.95979	(14060506)	
386922.27	3772195.66	44.42401	(14060506)	
386915.61	3772151.70	46.10467	(14060506)	

	386907.70	3772126.04	48.18537	(14060506)
386900.70	3772104.29	48.11790	(14060506)	
	386893.71	3772082.53	50.74499	(14060506)
386886.72	3772060.78	52.94836	(14060506)	
	386879.72	3772039.02	55.88576	(15052106)
386872.73	3772017.27	58.82877	(15052106)	
	386872.59	3771975.61	62.12956	(15052106)
386871.92	3771951.30	61.02658	(15052106)	
	386871.25	3771926.99	60.92814	(14021908)
386870.59	3771902.68	60.91532	(14021908)	
	386869.92	3771878.37	59.45226	(14021908)
386869.26	3771854.06	62.49667	(16071406)	
	386868.59	3771829.75	61.67829	(14021908)
386867.92	3771805.44	60.43105	(14021908)	
	386867.26	3771781.13	57.29002	(14021908)
386866.59	3771756.82	57.72265	(14021908)	
	386865.92	3771732.51	56.02623	(14021908)
386865.26	3771708.20	54.46064	(14021908)	
	386864.59	3771683.89	54.41596	(14060406)
386853.02	3771663.49	52.61915	(16062406)	
	386818.83	3771641.73	50.27837	(14070706)
386783.38	3771628.28	43.09328	(14070706)	
	386761.31	3771638.93	43.76607	(16062906)
386744.68	3771665.08	44.23885	(16062906)	
	386743.86	3771689.21	47.20714	(10071306)
386743.04	3771713.35	48.05286	(10071306)	
	386742.22	3771737.48	48.91813	(10071306)
386741.39	3771761.61	49.97470	(15062406)	
	386740.57	3771785.75	50.43295	(15062406)
386739.75	3771809.88	50.99457	(15062406)	
	386738.92	3771834.01	51.84175	(15062406)
386738.10	3771858.15	53.33290	(15062406)	
	386737.28	3771882.28	53.89539	(14120406)
386736.46	3771906.41	54.47236	(15062406)	
	386735.63	3771930.55	55.37638	(15062406)
386734.81	3771954.68	56.27528	(15062406)	
	386733.99	3771978.81	57.32407	(15062406)
386733.16	3772002.95	58.69136	(15062406)	
	386732.34	3772027.08	61.28113	(15020908)
386731.52	3772051.21	64.44361	(15020908)	
	386730.69	3772075.35	66.23963	(15020908)
386728.23	3772098.19	60.99867	(15020908)	
	386725.64	3772122.79	57.49464	(14061206)
386723.05	3772147.40	55.51128	(14061206)	
	386720.46	3772172.01	53.65632	(14061206)
386717.87	3772196.61	53.54279	(15020908)	
	386715.28	3772221.22	54.43071	(15020908)
386712.69	3772245.82	53.93122	(15020908)	
	386710.10	3772270.43	53.54772	(14070306)
386707.51	3772295.03	57.46260	(16031406)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN
 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
386704.92	3772319.64	59.43745	(10031907)	
386702.33	3772344.24	60.38980	(15101307)	
386699.74	3772368.85	55.90922	(15061906)	
386697.15	3772393.46	55.98702	(15061906)	
386694.56	3772418.06	55.93595	(14070206)	
386691.97	3772442.67	56.04339	(14061206)	
386689.38	3772467.27	56.44663	(15063006)	
386686.79	3772491.88	58.50895	(15063006)	
386684.20	3772516.48	59.84184	(15063006)	
386676.05	3772562.31	56.40086	(14062606)	
386671.85	3772586.09	56.03531	(14062606)	
386667.66	3772609.86	55.47921	(14062606)	
386663.46	3772633.64	55.11363	(15020908)	
386659.26	3772657.42	55.11907	(15020908)	
386655.07	3772681.19	55.39681	(15121006)	
386650.87	3772704.97	59.65605	(14062506)	
386646.68	3772728.75	57.61260	(16080906)	
386642.48	3772752.53	58.70587	(15063006)	
386625.69	3772787.55	52.08373	(14073106)	
386616.37	3772808.07	52.52482	(14062606)	
386607.04	3772828.58	50.36944	(14062606)	
386597.72	3772849.10	48.41517	(14062606)	
386574.82	3772882.87	46.64190	(14021908)	
386562.39	3772901.51	46.52279	(14021908)	
386549.41	3772921.98	47.40577	(15020908)	
386536.76	3772941.96	46.94048	(15020908)	
386524.10	3772961.94	48.06720	(14070206)	
386511.45	3772981.92	52.95031	(15020908)	
386498.79	3773001.90	54.74964	(15020908)	
386486.14	3773021.88	53.87838	(15020908)	

	386473.48	3773041.86	51.87712	(15020908)
386447.28	3773073.60	48.84899	(14060506)	
	386419.31	3773107.79	54.34212	(14060506)
386391.34	3773141.98	62.27796	(14060506)	
	386359.77	3773161.09	62.92524	(14060506)
386322.47	3773185.34	67.94542	(14060506)	
	386286.24	3773206.96	70.37848	(14060506)
386247.77	3773227.94	71.70686	(14060506)	
	386209.31	3773248.92	74.24781	(15052106)
386170.85	3773269.90	75.99516	(14021908)	
	386139.85	3773279.82	72.75607	(14021908)
386097.90	3773284.48	65.41734	(14060406)	
	386055.94	3773289.14	56.51589	(14060406)
386031.66	3773292.07	52.32292	(14060406)	
	386008.34	3773297.89	48.60636	(16062406)
385985.03	3773303.72	45.41381	(16062406)	
	385961.72	3773309.55	41.85967	(14070706)
385938.41	3773315.38	38.37862	(14070706)	
	385915.13	3773330.78	38.36715	(15020908)
385887.17	3773352.54	40.41671	(15020908)	
	385871.58	3773388.39	45.44798	(15020908)
385864.58	3773411.70	47.95997	(15020908)	
	385872.70	3773438.24	53.96154	(15020908)
385906.88	3773466.21	75.17077	(15020908)	
	385919.13	3773446.80	79.58062	(15020908)
385891.94	3773486.81	73.09653	(14090106)	
	385878.34	3773506.82	72.17883	(15063006)
385864.74	3773526.83	71.54095	(15063006)	
	385851.14	3773546.84	70.68690	(15063006)
385837.55	3773566.85	71.97792	(14062506)	
	385823.95	3773586.86	71.64131	(15063006)
385810.35	3773606.86	69.13532	(15063006)	
	385796.75	3773626.87	69.32905	(15063006)
385783.15	3773646.88	68.32219	(15063006)	
	385769.56	3773666.89	67.50891	(15063006)
385755.96	3773686.90	66.78154	(15063006)	
	385742.36	3773706.91	66.21874	(15063006)
385728.76	3773726.91	65.65009	(15063006)	
	385715.16	3773746.92	71.86252	(15020908)
385701.57	3773766.93	70.68176	(15020908)	
	385687.97	3773786.94	69.12118	(15020908)
385674.37	3773806.95	67.96450	(15020908)	
	385660.77	3773826.96	63.84750	(15063006)
385647.17	3773846.96	63.77092	(15070106)	
	385633.58	3773866.97	63.64992	(15070106)
385619.98	3773886.98	62.73710	(15070106)	
	385606.38	3773906.99	62.59577	(15063006)
385592.78	3773927.00	61.07703	(14073106)	
	385581.29	3773951.88	64.81977	(15022008)
385571.96	3773972.86	60.64649	(15063006)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN
 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
385553.80	3774009.12	62.49862	(15022008)	
385543.07	3774031.21	64.45117	(15022008)	
385535.39	3774054.80	63.70486	(15022008)	
385527.71	3774078.38	63.88370	(15022008)	
385520.03	3774101.97	64.20139	(15022008)	
385512.35	3774125.55	64.54681	(14062606)	
385504.67	3774149.14	67.43255	(14073106)	
385497.00	3774172.72	69.11323	(14062606)	
385489.32	3774196.31	68.16658	(14062606)	
385481.64	3774219.89	67.72004	(14062606)	
385473.96	3774243.48	67.24819	(14062606)	
385466.28	3774267.06	66.65023	(14062606)	
385458.60	3774290.65	65.66910	(14062606)	
385450.92	3774314.23	64.90380	(14062606)	
385443.24	3774337.82	64.10254	(14062606)	
385435.56	3774361.40	63.42136	(14062606)	
385427.89	3774384.99	66.36344	(14062606)	
385420.21	3774408.58	63.91819	(14062606)	
385412.53	3774432.16	63.18641	(14062606)	
385398.02	3774470.16	57.07378	(14062606)	
385383.11	3774509.32	58.98608	(14062606)	
385366.38	3774543.58	55.60732	(14062606)	
385344.00	3774580.88	53.93118	(14062606)	
385321.62	3774618.18	53.86852	(14062606)	
385295.09	3774653.34	51.92103	(15020908)	
385281.10	3774671.98	52.85117	(15022008)	
385267.11	3774690.63	50.65710	(14062606)	
385253.13	3774709.28	50.27874	(14062606)	
385239.14	3774727.93	51.16502	(14070706)	
385211.65	3774762.28	53.78508	(15070106)	

	385183.68	3774797.25	54.50086	(15070106)
385168.84	3774816.00	55.27730	(16062906)	
	385154.07	3774834.65	56.22258	(16062906)
385139.31	3774853.30	56.69036	(16062906)	
	385124.55	3774871.95	58.37601	(10071306)
385109.78	3774890.59	59.07174	(15062406)	
	385095.02	3774909.24	58.58164	(15062406)
385080.98	3774932.55	60.93090	(14061206)	
	385068.85	3774953.06	64.62020	(15020908)
385056.73	3774973.58	65.88830	(15020908)	
	385044.61	3774994.09	62.28349	(15020908)
385032.49	3775014.60	57.07084	(15020908)	
	385023.09	3775041.03	56.88452	(15022008)
385015.88	3775062.64	59.02597	(14062606)	
	385008.68	3775084.26	58.53033	(14062606)
385001.47	3775105.88	60.11023	(14062606)	
	384994.27	3775127.49	59.83415	(14062606)
384987.06	3775149.11	60.12329	(14062606)	
	384979.85	3775170.72	60.12113	(14062606)
384972.65	3775192.34	60.64530	(14062606)	
	384965.44	3775213.95	61.63069	(14062606)
384958.24	3775235.57	61.66839	(14062606)	
	384951.03	3775257.18	63.74801	(14062606)
384962.98	3775287.15	62.44243	(14062606)	
	384997.95	3775305.80	61.44859	(14062606)
385032.91	3775324.45	50.17462	(15090206)	
	385068.14	3775311.03	51.15686	(16052406)
385076.30	3775288.89	55.87310	(14061006)	
	385084.46	3775266.74	58.65765	(16063006)
385092.61	3775244.60	60.70289	(16060306)	
	385100.77	3775222.45	61.49808	(16060306)
385108.93	3775200.31	60.96672	(16063006)	
	385117.09	3775178.16	60.72572	(16063006)
385125.25	3775156.02	60.93892	(16063006)	
	384974.75	3775265.09	74.85153	(14062606)
385054.01	3775027.32	77.58710	(15063006)	
	385114.62	3774924.76	86.79955	(15062406)
385203.20	3774812.87	80.15034	(15070106)	
	385259.14	3774742.93	76.16481	(14070706)
385343.06	3774631.04	87.17517	(15020908)	
	385399.01	3774537.80	83.49989	(14062606)
385436.30	3774439.90	88.62779	(14062606)	
	385566.84	3774038.95	88.85158	(15022008)
385594.81	3773983.01	92.61563	(15022008)	
	385613.46	3773941.05	94.40989	(15020908)
385939.81	3773460.85	107.87026	(15020908)	
	385888.53	3773418.89	55.88241	(15020908)
385902.52	3773372.27	47.03713	(15020908)	
	385944.47	3773339.63	43.24781	(15020908)
386037.72	3773316.32	61.87160	(16062406)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN
 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
386163.59	3773302.34	105.29801	(15052106)	
386317.44	3773218.42	95.26051	(14060506)	
386410.69	3773157.81	81.06672	(14060506)	
386494.60	3773055.24	78.18316	(15020908)	
386583.19	3772915.38	68.14079	(15062406)	
386620.48	3772859.44	70.18465	(14062606)	
386667.10	3772756.87	77.38031	(15020908)	
386709.06	3772519.10	90.55962	(14062506)	
386755.68	3772076.20	106.09753	(15020908)	
386769.67	3771665.93	57.01121	(16062906)	
386778.99	3771656.61	55.32091	(15062506)	
386788.32	3771651.95	54.72575	(14070706)	
386839.60	3771684.58	66.56038	(16062406)	
386848.93	3772024.92	73.35857	(15052106)	
386890.89	3772155.45	52.56951	(14060506)	
386914.20	3772309.30	41.83841	(14092607)	
386923.52	3772453.83	38.48628	(15061106)	
386895.55	3772617.00	36.03216	(14041506)	
386848.93	3772752.21	38.04072	(14041506)	
386774.33	3772892.07	39.93356	(16063006)	
386685.75	3773017.95	41.91925	(16070406)	
386611.16	3773125.18	42.16386	(14061006)	
386499.27	3773223.08	46.72190	(14021808)	
386294.13	3773325.65	75.51510	(14032507)	
386210.22	3773367.61	89.07880	(14061006)	
386079.68	3773474.84	95.57622	(16070106)	
386280.15	3773596.05	22.39859	(16060906)	
386228.86	3773665.98	21.33443	(16070106)	
386005.08	3773516.79	108.89399	(14061006)	
385655.42	3774010.98	95.30304	(16070106)	

	385883.87	3774150.84	18.05038	(16052406)
385860.56	3774197.46	18.22152	(14041506)	
	385641.44	3774043.61	86.84456	(14061006)
385496.91	3774486.52	78.66551	(14061006)	
	385417.65	3774649.69	69.36131	(14061006)
385310.43	3774766.24	86.65413	(16052406)	
	385361.71	3774812.87	40.03325	(16052406)
385277.79	3774924.76	40.16358	(14021808)	
	385399.01	3774990.03	22.51436	(16052406)
385380.36	3775031.98	21.65939	(16052406)	
	385273.13	3774943.40	38.72221	(14021808)
385231.17	3774948.07	53.87360	(14021808)	
	385207.86	3774938.74	80.49256	(14021808)
385147.25	3775027.32	105.24596	(16070106)	
	385109.95	3775125.23	104.01833	(16060906)
385044.68	3775302.39	61.92869	(16052406)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_CMF_Construction_Area\HSR_B-LA_CMF_Con *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 02:11:28

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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD

(43824 HRS) RESULTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN **

NETWORK GROUP ID	AVERAGE CONC OF TYPE	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	GRID-ID
ALL	1ST HIGHEST VALUE IS	5.66957 AT (386755.68,	
3772076.20,	87.00, 87.00,	1.80) DC	
	2ND HIGHEST VALUE IS	5.43144 AT (385147.25,	
3775027.32,	87.00, 87.00,	1.80) DC	
	3RD HIGHEST VALUE IS	5.29535 AT (386005.08,	
3773516.79,	87.00, 87.00,	1.80) DC	
	4TH HIGHEST VALUE IS	5.07592 AT (385109.95,	
3775125.23,	87.00, 87.00,	1.80) DC	
	5TH HIGHEST VALUE IS	4.99046 AT (386709.06,	
3772519.10,	87.00, 87.00,	1.80) DC	
	6TH HIGHEST VALUE IS	4.98871 AT (385655.42,	
3774010.98,	87.00, 87.00,	1.80) DC	
	7TH HIGHEST VALUE IS	4.73014 AT (385613.46,	
3773941.05,	87.00, 87.00,	1.80) DC	
	8TH HIGHEST VALUE IS	4.63413 AT (385594.81,	
3773983.01,	87.00, 87.00,	1.80) DC	
	9TH HIGHEST VALUE IS	4.46235 AT (385343.06,	
3774631.04,	87.00, 87.00,	1.80) DC	
	10TH HIGHEST VALUE IS	4.39800 AT (385641.44,	
3774043.61,	87.00, 87.00,	1.80) DC	

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_CMF_Construction_Area\HSR_B-LA_CMF_Con *** 12/17/19
 *** AERMET - VERSION 16216 *** ***
 *** 02:11:28

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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

MICROGRAMS/M**3 ** CONC OF NO2 IN
 **

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

ALL HIGH 1ST HIGH VALUE IS 108.89399 ON 14061006: AT (
 386005.08, 3773516.79, 87.00, 87.00, 1.80) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_CMF_Construction_Area\HSR_B-LA_CMF_Con *** 12/17/19
*** AERMET - VERSION 16216 *** ***
*** 02:11:28

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*** MODELOPTs: NonDEFAULT CONC FLAT FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 5 Warning Message(s)
A Total of 808 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 4 Calm Hours Identified

A Total of 804 Missing Hours Identified (1.83 Percent)

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

***** WARNING MESSAGES *****
CO W276 23 POLLID: Special proc for 1h-NO2/SO2 24hPM25 NAAQS
disabled NO2 H1H
ME W186 600 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 600 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological
File at: 14010101
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological
File at: 2 year gap

*** AERMOD Finishes Successfully ***

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 12/19/2019
** File: C:\Lakes\AERMOD View\HSR_B-
LA_DPM_Main_Street_Construction_Area\HSR_B-
LA_DPM_Main_Street_Construction_Area.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\HSR_B-LA_LAUS_Construction\HSR_B-
LA_LAUS_Constr
  MODELOPT CONC FLAT FASTAREA
  AVERTIME 24 PERIOD
  URBANOPT 800000
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL HSR_B-LA_DPM_Main_Street_Construction_Area.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION PAREA1 AREAPOLY 386902.046 3770800.858 0.0
** DESCRSRC At-Grade Track
LOCATION PAREA2 AREAPOLY 386586.359 3770167.523 0.0
** DESCRSRC Main Street Bridge
LOCATION PAREA3 AREAPOLY 386954.987 3769991.052 0.0
** DESCRSRC Three way rail interchange construction
** Source Parameters **
SRCPARAM PAREA1 2.1979E-06 3.000 27
AREAVERT PAREA1 386902.046 3770800.858 386960.870 3770489.093
AREAVERT PAREA1 386960.870 3770455.759 386958.909 3770424.387
AREAVERT PAREA1 386949.105 3770387.132 386927.536 3770320.465
AREAVERT PAREA1 386798.124 3769918.503 386780.477 3769867.523
AREAVERT PAREA1 386756.948 3769826.346 386741.261 3769798.895
AREAVERT PAREA1 386704.006 3769765.562 386660.869 3769742.032
AREAVERT PAREA1 386609.888 3769728.307 386572.633 3769726.346
AREAVERT PAREA1 386574.594 3769710.660 386625.575 3769720.464

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AREAVERT	PAREA1	386651.065	3769726.346	386690.281	3769742.032
AREAVERT	PAREA1	386745.183	3769785.170	386770.673	3769834.189
AREAVERT	PAREA1	386802.046	3769896.935	386953.026	3770363.602
AREAVERT	PAREA1	386966.752	3770406.739	386968.713	3770451.838
AREAVERT	PAREA1	386968.713	3770498.897	386945.183	3770628.309
AREAVERT	PAREA1	386915.771	3770798.897		
SRCPARAM	PAREA2	2.8414E-07	3.000	30	
AREAVERT	PAREA2	386586.359	3770167.523	386598.124	3770147.915
AREAVERT	PAREA2	386896.163	3770336.151	386933.418	3770340.073
AREAVERT	PAREA2	386956.948	3770332.230	387047.144	3770300.857
AREAVERT	PAREA2	387051.066	3770316.543	386953.026	3770347.916
AREAVERT	PAREA2	386958.909	3770357.720	386996.164	3770365.563
AREAVERT	PAREA2	387019.693	3770363.602	387045.183	3770357.720
AREAVERT	PAREA2	387064.791	3770349.877	387082.438	3770332.230
AREAVERT	PAREA2	387129.497	3770302.818	387151.066	3770283.210
AREAVERT	PAREA2	387196.164	3770263.602	387292.243	3770222.425
AREAVERT	PAREA2	387341.262	3770200.857	387341.262	3770222.425
AREAVERT	PAREA2	387211.850	3770273.406	387166.752	3770312.622
AREAVERT	PAREA2	387105.968	3770347.916	387072.634	3770369.484
AREAVERT	PAREA2	387053.027	3770379.288	387031.458	3770385.171
AREAVERT	PAREA2	387005.968	3770389.092	386986.360	3770391.053
AREAVERT	PAREA2	386968.713	3770394.975	386956.948	3770394.975
SRCPARAM	PAREA3	1.4692E-08	3.000	34	
AREAVERT	PAREA3	386954.987	3769991.052	386949.105	3769914.582
AREAVERT	PAREA3	386945.183	3769861.640	386927.536	3769810.660
AREAVERT	PAREA3	386907.928	3769785.170	386880.477	3769765.562
AREAVERT	PAREA3	386878.516	3769753.797	386835.379	3769738.111
AREAVERT	PAREA3	386725.575	3769716.542	386727.536	3769710.660
AREAVERT	PAREA3	386864.791	3769726.346	386886.360	3769726.346
AREAVERT	PAREA3	386858.909	3769685.169	386843.222	3769645.954
AREAVERT	PAREA3	386839.301	3769606.738	386835.379	3769563.601
AREAVERT	PAREA3	386837.340	3769547.914	386845.183	3769551.836
AREAVERT	PAREA3	386849.105	3769616.542	386862.830	3769653.797
AREAVERT	PAREA3	386894.203	3769700.856	386935.379	3769732.228
AREAVERT	PAREA3	386986.360	3769743.993	387027.536	3769751.836
AREAVERT	PAREA3	387119.693	3769765.562	387119.693	3769775.366
AREAVERT	PAREA3	387062.830	3769781.248	387033.419	3769796.934
AREAVERT	PAREA3	387005.968	3769818.503	386986.360	3769838.111
AREAVERT	PAREA3	386974.595	3769869.483	386958.909	3769908.699
AREAVERT	PAREA3	386960.870	3769967.523	386962.830	3769987.131
URBANSRC	ALL				

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"

** Variable Emission Scenario: "Scenario 2"

EMISFACT	PAREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	PAREA1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	PAREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	PAREA1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	PAREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	PAREA1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PAREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0

[illegible]

SO FINISHED

**

** AERMOD Receptor Pathway

**

**

RE STARTING

** DESCRREC "" ""

DISCCART	386644.97	3770797.94
DISCCART	387389.36	3770462.97
DISCCART	387418.61	3770252.94
DISCCART	387078.31	3770768.70
DISCCART	386553.12	3770064.82
DISCCART	386471.74	3769998.80
DISCCART	386698.99	3769811.47
DISCCART	386768.08	3770652.90
DISCCART	387305.49	3770330.45

** BEGIN OF FENCELINE GRID RECEPTORS

** Plant Boundary Name PLBN1

** Grid Spacing = 25.00

** No. of Tiers = 1

** Tier 1: Segment Distance = 25.00

** Tier 1: Tier Spacing = 25.00

** -----

DISCCART	386838.30	3770354.97
DISCCART	386823.60	3770373.60
DISCCART	386824.57	3770402.14
DISCCART	386844.88	3770419.11
DISCCART	386873.64	3770436.10
DISCCART	386903.46	3770443.10
DISCCART	386926.67	3770464.46
DISCCART	386925.36	3770501.94
DISCCART	386920.88	3770526.31
DISCCART	386916.40	3770550.68
DISCCART	386911.92	3770575.05
DISCCART	386907.43	3770599.42
DISCCART	386902.95	3770623.79
DISCCART	386898.02	3770647.61
DISCCART	386892.97	3770671.98
DISCCART	386887.93	3770696.35
DISCCART	386882.89	3770720.72
DISCCART	386877.84	3770745.09
DISCCART	386872.80	3770769.46
DISCCART	386867.76	3770793.83
DISCCART	386880.53	3770818.58
DISCCART	386904.83	3770825.67
DISCCART	386948.22	3770807.21
DISCCART	386952.31	3770784.34
DISCCART	386956.39	3770761.46
DISCCART	386960.48	3770738.59
DISCCART	386964.56	3770715.71
DISCCART	386968.65	3770692.84
DISCCART	386972.73	3770669.96

DISCCART	386976.82	3770647.08
DISCCART	386980.90	3770624.21
DISCCART	386984.99	3770601.33
DISCCART	386989.07	3770578.46
DISCCART	386993.16	3770555.58
DISCCART	386997.24	3770532.70
DISCCART	387000.38	3770507.88
DISCCART	387003.33	3770484.35
DISCCART	387003.02	3770460.54
DISCCART	387002.04	3770420.35
DISCCART	387028.50	3770421.77
DISCCART	387062.90	3770410.85
DISCCART	387098.96	3770394.07
DISCCART	387108.65	3770421.80
DISCCART	387126.95	3770437.48
DISCCART	387164.84	3770431.05
DISCCART	387176.60	3770410.79
DISCCART	387188.37	3770390.53
DISCCART	387200.13	3770370.27
DISCCART	387211.90	3770350.01
DISCCART	387223.66	3770329.75
DISCCART	387235.43	3770309.49
DISCCART	387202.63	3770319.30
DISCCART	387261.45	3770348.71
DISCCART	387311.05	3770347.51
DISCCART	387318.19	3770316.23
DISCCART	387320.15	3770274.08
DISCCART	387343.95	3770255.90
DISCCART	387375.47	3770218.96
DISCCART	387367.62	3770183.66
DISCCART	387334.52	3770165.65
DISCCART	387311.64	3770174.15
DISCCART	387288.76	3770182.65
DISCCART	387265.89	3770191.14
DISCCART	387243.01	3770199.64
DISCCART	387220.14	3770208.14
DISCCART	387197.26	3770216.63
DISCCART	387174.38	3770225.13
DISCCART	387151.51	3770233.63
DISCCART	387128.63	3770242.12
DISCCART	387105.76	3770250.62
DISCCART	387082.88	3770259.12
DISCCART	387077.41	3770236.87
DISCCART	387069.86	3770213.65
DISCCART	387062.32	3770190.42
DISCCART	387054.78	3770167.19
DISCCART	387047.24	3770143.96
DISCCART	387039.70	3770120.74
DISCCART	387032.16	3770097.51
DISCCART	387024.61	3770074.28
DISCCART	387017.07	3770051.05
DISCCART	387009.53	3770027.83
DISCCART	387001.99	3770004.60
DISCCART	386994.45	3769981.37

DISCCART	386993.00	3769948.21
DISCCART	386994.08	3769917.08
DISCCART	386999.31	3769883.09
DISCCART	387012.45	3769860.78
DISCCART	387029.87	3769841.95
DISCCART	387063.85	3769817.11
DISCCART	387088.50	3769812.36
DISCCART	387121.45	3769809.16
DISCCART	387163.07	3769797.70
DISCCART	387173.55	3769762.96
DISCCART	387152.46	3769732.95
DISCCART	387128.27	3769729.68
DISCCART	387104.09	3769726.41
DISCCART	387079.91	3769723.14
DISCCART	387055.72	3769719.87
DISCCART	387031.54	3769716.60
DISCCART	387007.36	3769713.34
DISCCART	386968.50	3769707.51
DISCCART	386943.16	3769692.49
DISCCART	386921.21	3769675.16
DISCCART	386895.31	3769645.10
DISCCART	386879.71	3769608.15
DISCCART	386876.46	3769578.36
DISCCART	386875.06	3769540.09
DISCCART	386876.05	3769515.58
DISCCART	386861.93	3769494.01
DISCCART	386836.18	3769487.77
DISCCART	386813.39	3769500.97
DISCCART	386806.71	3769522.81
DISCCART	386803.24	3769560.83
DISCCART	386800.62	3769605.27
DISCCART	386803.71	3769633.37
DISCCART	386806.65	3769656.90
DISCCART	386819.14	3769684.07
DISCCART	386842.93	3769691.03
DISCCART	386793.91	3769685.80
DISCCART	386769.40	3769683.19
DISCCART	386744.89	3769680.57
DISCCART	386720.38	3769677.96
DISCCART	386697.56	3769691.47
DISCCART	386690.96	3769715.40
DISCCART	386709.63	3769742.74
DISCCART	386731.76	3769748.34
DISCCART	386753.89	3769753.94
DISCCART	386798.15	3769765.15
DISCCART	386820.28	3769770.75
DISCCART	386842.41	3769776.35
DISCCART	386864.53	3769781.96
DISCCART	386861.64	3769812.29
DISCCART	386869.05	3769835.81
DISCCART	386876.46	3769859.34
DISCCART	386883.86	3769882.87
DISCCART	386891.27	3769906.40
DISCCART	386898.68	3769929.93

DISCCART	386906.09	3769953.46
DISCCART	386913.49	3769976.99
DISCCART	386921.88	3770000.88
DISCCART	386930.00	3770023.99
DISCCART	386938.13	3770047.10
DISCCART	386946.25	3770070.21
DISCCART	386954.37	3770093.32
DISCCART	386962.50	3770116.43
DISCCART	386970.62	3770139.54
DISCCART	386978.74	3770162.65
DISCCART	386986.87	3770185.75
DISCCART	386994.99	3770208.86
DISCCART	387003.11	3770231.97
DISCCART	387011.24	3770255.08
DISCCART	387019.36	3770278.19
DISCCART	386983.21	3770288.30
DISCCART	386994.28	3770310.28
DISCCART	386978.28	3770264.32
DISCCART	386970.28	3770241.34
DISCCART	386962.28	3770218.36
DISCCART	386954.28	3770195.38
DISCCART	386946.28	3770172.40
DISCCART	386938.28	3770149.42
DISCCART	386930.28	3770126.44
DISCCART	386922.28	3770103.46
DISCCART	386914.28	3770080.48
DISCCART	386906.28	3770057.50
DISCCART	386898.28	3770034.52
DISCCART	386890.28	3770011.54
DISCCART	386882.28	3769988.56
DISCCART	386874.28	3769965.57
DISCCART	386866.28	3769942.59
DISCCART	386858.28	3769919.61
DISCCART	386850.28	3769896.63
DISCCART	386842.28	3769873.65
DISCCART	386834.28	3769850.67
DISCCART	386826.28	3769827.69
DISCCART	386818.28	3769804.71
DISCCART	386758.56	3769843.54
DISCCART	386787.59	3769786.67
DISCCART	386652.33	3769693.26
DISCCART	386613.95	3769685.46
DISCCART	386590.16	3769681.83
DISCCART	386566.63	3769683.79
DISCCART	386544.11	3769704.23
DISCCART	386552.23	3769749.66
DISCCART	386577.89	3769758.12
DISCCART	386613.18	3769764.65
DISCCART	386646.09	3769772.28
DISCCART	386674.22	3769783.50
DISCCART	386703.97	3769806.77
DISCCART	386721.62	3769824.42
DISCCART	386736.15	3769846.50
DISCCART	386745.96	3769868.07

DISCCART	386755.76	3769889.64
DISCCART	386769.67	3769932.40
DISCCART	386777.13	3769955.04
DISCCART	386784.58	3769977.69
DISCCART	386792.03	3770000.34
DISCCART	386799.48	3770022.99
DISCCART	386806.93	3770045.63
DISCCART	386814.38	3770068.28
DISCCART	386821.83	3770090.93
DISCCART	386829.28	3770113.57
DISCCART	386836.73	3770136.22
DISCCART	386844.18	3770158.87
DISCCART	386851.64	3770181.51
DISCCART	386859.09	3770204.16
DISCCART	386866.54	3770226.81
DISCCART	386873.99	3770249.46
DISCCART	386881.44	3770272.10
DISCCART	386888.89	3770294.75
DISCCART	386896.34	3770317.40
DISCCART	386917.34	3770305.52
DISCCART	386846.34	3770260.34
DISCCART	386826.24	3770248.20
DISCCART	386806.14	3770236.07
DISCCART	386786.04	3770223.94
DISCCART	386765.94	3770211.81
DISCCART	386745.85	3770199.67
DISCCART	386725.75	3770187.54
DISCCART	386705.65	3770175.41
DISCCART	386685.55	3770163.28
DISCCART	386665.45	3770151.14
DISCCART	386645.36	3770139.01
DISCCART	386625.26	3770126.88
DISCCART	386605.16	3770114.75
DISCCART	386571.64	3770121.99
DISCCART	386550.07	3770153.36
DISCCART	386557.64	3770188.86
DISCCART	386577.78	3770201.15
DISCCART	386597.91	3770213.43
DISCCART	386618.04	3770225.72
DISCCART	386638.17	3770238.01
DISCCART	386658.30	3770250.30
DISCCART	386678.43	3770262.59
DISCCART	386698.56	3770274.87
DISCCART	386718.69	3770287.16
DISCCART	386738.82	3770299.45
DISCCART	386758.95	3770311.74
DISCCART	386779.08	3770324.03
DISCCART	386799.21	3770336.31
** END OF FENCELINE GRID RECEPTORS		
** Discrete Cartesian Plant Boundary - Primary Receptors		
** Plant Boundary Name PLBN1		
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"		
DISCCART	386592.24	3770136.15
DISCCART	386913.81	3770330.27

DISCCART	386927.54	3770332.23
DISCCART	386778.52	3769879.29
DISCCART	386758.91	3769836.15
DISCCART	386739.30	3769806.74
DISCCART	386704.01	3769771.44
DISCCART	386668.71	3769751.84
DISCCART	386617.73	3769740.07
DISCCART	386564.79	3769730.27
DISCCART	386568.71	3769708.70
DISCCART	386592.24	3769706.74
DISCCART	386643.22	3769716.54
DISCCART	386688.32	3769734.19
DISCCART	386723.61	3769753.80
DISCCART	386764.79	3769796.93
DISCCART	386782.44	3769836.15
DISCCART	386756.95	3769753.80
DISCCART	386770.67	3769743.99
DISCCART	386970.67	3770318.50
DISCCART	387051.07	3770293.01
DISCCART	386937.34	3769969.48
DISCCART	386870.67	3769757.72
DISCCART	386715.77	3769718.50
DISCCART	386717.73	3769702.82
DISCCART	386864.79	3769718.50
DISCCART	386851.07	3769691.05
DISCCART	386831.46	3769653.80
DISCCART	386825.58	3769606.74
DISCCART	386829.50	3769540.07
DISCCART	386833.42	3769512.62
DISCCART	386851.07	3769514.58
DISCCART	386849.10	3769563.60
DISCCART	386856.95	3769618.50
DISCCART	386876.56	3769661.64
DISCCART	386905.97	3769694.97
DISCCART	386931.46	3769714.58
DISCCART	386964.79	3769732.23
DISCCART	387004.01	3769738.11
DISCCART	387149.11	3769757.72
DISCCART	387143.22	3769785.17
DISCCART	387102.05	3769783.21
DISCCART	387062.83	3769793.01
DISCCART	387049.10	3769796.93
DISCCART	386998.12	3769834.19
DISCCART	386974.60	3769879.29
DISCCART	386966.75	3769930.27
DISCCART	386970.67	3769989.09
DISCCART	387068.71	3770291.05
DISCCART	387343.22	3770189.09
DISCCART	387351.07	3770224.39
DISCCART	387296.16	3770251.84
DISCCART	387292.24	3770336.15
DISCCART	387213.81	3770296.94
DISCCART	387143.22	3770418.50
DISCCART	387088.32	3770371.45

```

DISCCART      387054.99    3770387.13
DISCCART      387025.58    3770396.94
DISCCART      386992.24    3770400.86
DISCCART      386976.56    3770400.86
DISCCART      386978.52    3770481.25
DISCCART      386972.63    3770528.31
DISCCART      386923.61    3770802.82
DISCCART      386892.24    3770798.90
DISCCART      386927.54    3770628.31
DISCCART      386958.91    3770457.72
DISCCART      386907.93    3770418.50
DISCCART      386886.36    3770414.58
DISCCART      386843.22    3770389.09
DISCCART      386872.63    3770351.84
DISCCART      386570.67    3770167.52
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE CELA_v9.SFC
PROFFILE CELA_v9.PFL
SURFDATA 93134 2010
UAIRDATA 3190 2010
SITEDATA 99999 2010
PROFBASE 87.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 24 1ST
** Auto-Generated Plotfiles
PLOTFILE 24 ALL 1ST HSR_B-
LA_DPM_MAIN_STREET_CONSTRUCTION_AREA.AD\24H1GALL.PLT 31
PLOTFILE PERIOD ALL HSR_B-
LA_DPM_MAIN_STREET_CONSTRUCTION_AREA.AD\PE00GALL.PLT 32
NOHEADER PLOTFILE
SUMMFILE HSR_B-LA_DPM_Main_Street_Construction_Area.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 513 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 513 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** SETUP Finishes Successfully ***

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LA_LAUS_Construction\HSR_B-LA_LAUS_Constr *** 12/19/19
*** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** MODEL SETUP OPTIONS

SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 3 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 800000.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:

FASTAREA - Use hybrid approach to optimize AREA sources;
also applies to LINE sources (formerly TOXICS option)

ADJ_U* - Use ADJ_U* option for SBL in AERMET

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM_10

**Model Calculates 1 Short Term Average(s) of: 24-HR
and Calculates PERIOD Averages

**This Run Includes: 3 Source(s); 1 Source Group(s); and
319 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 3 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 0 line(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) = 87.00 ;
Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

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

**Detailed Error/Message File: HSR_B-
LA_DPM_Main_Street_Construction_Area.err
**File for Summary of Results: HSR_B-
LA_DPM_Main_Street_Construction_Area.sum

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** AREAPOLY SOURCE DATA

NUMBER	NUMBER	EMISSION	RATE	LOCATION OF AREA		BASE	RELEASE
SOURCE	INIT.	URBAN	EMISSION	RATE			
OF VERTS.	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT	
ID	SZ	SOURCE	SCALAR	VARY			
(METERS)	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	
	BY						
PAREA1	0	0.21979E-05	386902.0	3770800.9	87.0	3.00	
27	0.00	YES	HRDOW7				
PAREA2	0	0.28414E-06	386586.4	3770167.5	87.0	3.00	
30	0.00	YES	HRDOW7				
PAREA3	0	0.14692E-07	386955.0	3769991.1	87.0	3.00	
34	0.00	YES	HRDOW7				

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

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

ALL	PAREA1	,	PAREA2	,	PAREA3	,
-----	--------	---	--------	---	--------	---

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN

SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
	800000.	PAREA1 , PAREA2 , PAREA3 ,

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

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 = MONDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = TUESDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 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 = WEDNESDY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21
 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = THURSDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21
 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = FRIDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .1000E+01 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 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21
 .0000E+00 22 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY
 1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5
 .0000E+00 6 .0000E+00 7 .0000E+00 8 .0000E+00

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

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.1000E+01	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	.1000E+01	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 = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.1000E+01	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	.1000E+01	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 = WEDNESDY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.1000E+01	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	.1000E+01	16	.1000E+01			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = THURSDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.1000E+01	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	.1000E+01	16	.1000E+01			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = FRIDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.1000E+01	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	.1000E+01	16	.1000E+01			
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00			

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	
.0000E+00	6	.0000E+00	7	.0000E+00	8	.0000E+00			

9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00		
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA3 ; SOURCE TYPE = AREAPOLY :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = MONDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = TUESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = WEDNESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = THURSDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = FRIDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10

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			

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(386645.0, 3770797.9,	87.0,	87.0,	0.0);	(
387389.4, 3770463.0,	87.0,	87.0,	0.0);	(
(387418.6, 3770252.9,	87.0,	87.0,	0.0);	(
387078.3, 3770768.7,	87.0,	87.0,	0.0);	(
(386553.1, 3770064.8,	87.0,	87.0,	0.0);	(
386471.7, 3769998.8,	87.0,	87.0,	0.0);	(
(386699.0, 3769811.5,	87.0,	87.0,	0.0);	(
386768.1, 3770652.9,	87.0,	87.0,	0.0);	(
(387305.5, 3770330.4,	87.0,	87.0,	0.0);	(
386838.3, 3770355.0,	87.0,	87.0,	0.0);	(
(386823.6, 3770373.6,	87.0,	87.0,	0.0);	(
386824.6, 3770402.1,	87.0,	87.0,	0.0);	(
(386844.9, 3770419.1,	87.0,	87.0,	0.0);	(
386873.6, 3770436.1,	87.0,	87.0,	0.0);	(
(386903.5, 3770443.1,	87.0,	87.0,	0.0);	(
386926.7, 3770464.5,	87.0,	87.0,	0.0);	(
(386925.4, 3770501.9,	87.0,	87.0,	0.0);	(
386920.9, 3770526.3,	87.0,	87.0,	0.0);	(
(386916.4, 3770550.7,	87.0,	87.0,	0.0);	(
386911.9, 3770575.0,	87.0,	87.0,	0.0);	(
(386907.4, 3770599.4,	87.0,	87.0,	0.0);	(
386903.0, 3770623.8,	87.0,	87.0,	0.0);	(
(386898.0, 3770647.6,	87.0,	87.0,	0.0);	(
386893.0, 3770672.0,	87.0,	87.0,	0.0);	(
(386887.9, 3770696.3,	87.0,	87.0,	0.0);	(
386882.9, 3770720.7,	87.0,	87.0,	0.0);	(
(386877.8, 3770745.1,	87.0,	87.0,	0.0);	(
386872.8, 3770769.5,	87.0,	87.0,	0.0);	(
(386867.8, 3770793.8,	87.0,	87.0,	0.0);	(
386880.5, 3770818.6,	87.0,	87.0,	0.0);	(
(386904.8, 3770825.7,	87.0,	87.0,	0.0);	(
386948.2, 3770807.2,	87.0,	87.0,	0.0);	(
(386952.3, 3770784.3,	87.0,	87.0,	0.0);	(
386956.4, 3770761.5,	87.0,	87.0,	0.0);	(
(386960.5, 3770738.6,	87.0,	87.0,	0.0);	(
386964.6, 3770715.7,	87.0,	87.0,	0.0);	(
(386968.6, 3770692.8,	87.0,	87.0,	0.0);	(
386972.7, 3770670.0,	87.0,	87.0,	0.0);	(
(386976.8, 3770647.1,	87.0,	87.0,	0.0);	(
386980.9, 3770624.2,	87.0,	87.0,	0.0);	(

(386985.0, 3770601.3,	87.0,	87.0,	0.0);	(
386989.1, 3770578.5,	87.0,	87.0,	0.0);	
(386993.2, 3770555.6,	87.0,	87.0,	0.0);	(
386997.2, 3770532.7,	87.0,	87.0,	0.0);	
(387000.4, 3770507.9,	87.0,	87.0,	0.0);	(
387003.3, 3770484.3,	87.0,	87.0,	0.0);	
(387003.0, 3770460.5,	87.0,	87.0,	0.0);	(
387002.0, 3770420.3,	87.0,	87.0,	0.0);	
(387028.5, 3770421.8,	87.0,	87.0,	0.0);	(
387062.9, 3770410.8,	87.0,	87.0,	0.0);	
(387099.0, 3770394.1,	87.0,	87.0,	0.0);	(
387108.6, 3770421.8,	87.0,	87.0,	0.0);	
(387127.0, 3770437.5,	87.0,	87.0,	0.0);	(
387164.8, 3770431.0,	87.0,	87.0,	0.0);	
(387176.6, 3770410.8,	87.0,	87.0,	0.0);	(
387188.4, 3770390.5,	87.0,	87.0,	0.0);	
(387200.1, 3770370.3,	87.0,	87.0,	0.0);	(
387211.9, 3770350.0,	87.0,	87.0,	0.0);	
(387223.7, 3770329.8,	87.0,	87.0,	0.0);	(
387235.4, 3770309.5,	87.0,	87.0,	0.0);	
(387202.6, 3770319.3,	87.0,	87.0,	0.0);	(
387261.5, 3770348.7,	87.0,	87.0,	0.0);	
(387311.0, 3770347.5,	87.0,	87.0,	0.0);	(
387318.2, 3770316.2,	87.0,	87.0,	0.0);	
(387320.1, 3770274.1,	87.0,	87.0,	0.0);	(
387344.0, 3770255.9,	87.0,	87.0,	0.0);	
(387375.5, 3770219.0,	87.0,	87.0,	0.0);	(
387367.6, 3770183.7,	87.0,	87.0,	0.0);	
(387334.5, 3770165.6,	87.0,	87.0,	0.0);	(
387311.6, 3770174.1,	87.0,	87.0,	0.0);	
(387288.8, 3770182.6,	87.0,	87.0,	0.0);	(
387265.9, 3770191.1,	87.0,	87.0,	0.0);	
(387243.0, 3770199.6,	87.0,	87.0,	0.0);	(
387220.1, 3770208.1,	87.0,	87.0,	0.0);	
(387197.3, 3770216.6,	87.0,	87.0,	0.0);	(
387174.4, 3770225.1,	87.0,	87.0,	0.0);	
(387151.5, 3770233.6,	87.0,	87.0,	0.0);	(
387128.6, 3770242.1,	87.0,	87.0,	0.0);	
(387105.8, 3770250.6,	87.0,	87.0,	0.0);	(
387082.9, 3770259.1,	87.0,	87.0,	0.0);	
(387077.4, 3770236.9,	87.0,	87.0,	0.0);	(
387069.9, 3770213.6,	87.0,	87.0,	0.0);	
(387062.3, 3770190.4,	87.0,	87.0,	0.0);	(
387054.8, 3770167.2,	87.0,	87.0,	0.0);	
(387047.2, 3770144.0,	87.0,	87.0,	0.0);	(
387039.7, 3770120.7,	87.0,	87.0,	0.0);	
(387032.2, 3770097.5,	87.0,	87.0,	0.0);	(
387024.6, 3770074.3,	87.0,	87.0,	0.0);	
(387017.1, 3770051.0,	87.0,	87.0,	0.0);	(
387009.5, 3770027.8,	87.0,	87.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(387002.0, 3770004.6,	87.0,	87.0,	0.0);	(
386994.5, 3769981.4,	87.0,	87.0,	0.0);	(
(386993.0, 3769948.2,	87.0,	87.0,	0.0);	(
386994.1, 3769917.1,	87.0,	87.0,	0.0);	(
(386999.3, 3769883.1,	87.0,	87.0,	0.0);	(
387012.5, 3769860.8,	87.0,	87.0,	0.0);	(
(387029.9, 3769841.9,	87.0,	87.0,	0.0);	(
387063.8, 3769817.1,	87.0,	87.0,	0.0);	(
(387088.5, 3769812.4,	87.0,	87.0,	0.0);	(
387121.5, 3769809.2,	87.0,	87.0,	0.0);	(
(387163.1, 3769797.7,	87.0,	87.0,	0.0);	(
387173.5, 3769763.0,	87.0,	87.0,	0.0);	(
(387152.5, 3769732.9,	87.0,	87.0,	0.0);	(
387128.3, 3769729.7,	87.0,	87.0,	0.0);	(
(387104.1, 3769726.4,	87.0,	87.0,	0.0);	(
387079.9, 3769723.1,	87.0,	87.0,	0.0);	(
(387055.7, 3769719.9,	87.0,	87.0,	0.0);	(
387031.5, 3769716.6,	87.0,	87.0,	0.0);	(
(387007.4, 3769713.3,	87.0,	87.0,	0.0);	(
386968.5, 3769707.5,	87.0,	87.0,	0.0);	(
(386943.2, 3769692.5,	87.0,	87.0,	0.0);	(
386921.2, 3769675.2,	87.0,	87.0,	0.0);	(
(386895.3, 3769645.1,	87.0,	87.0,	0.0);	(
386879.7, 3769608.1,	87.0,	87.0,	0.0);	(
(386876.5, 3769578.4,	87.0,	87.0,	0.0);	(
386875.1, 3769540.1,	87.0,	87.0,	0.0);	(
(386876.0, 3769515.6,	87.0,	87.0,	0.0);	(
386861.9, 3769494.0,	87.0,	87.0,	0.0);	(
(386836.2, 3769487.8,	87.0,	87.0,	0.0);	(
386813.4, 3769501.0,	87.0,	87.0,	0.0);	(
(386806.7, 3769522.8,	87.0,	87.0,	0.0);	(
386803.2, 3769560.8,	87.0,	87.0,	0.0);	(
(386800.6, 3769605.3,	87.0,	87.0,	0.0);	(
386803.7, 3769633.4,	87.0,	87.0,	0.0);	(
(386806.6, 3769656.9,	87.0,	87.0,	0.0);	(
386819.1, 3769684.1,	87.0,	87.0,	0.0);	(
(386842.9, 3769691.0,	87.0,	87.0,	0.0);	(
386793.9, 3769685.8,	87.0,	87.0,	0.0);	(
(386769.4, 3769683.2,	87.0,	87.0,	0.0);	(
386744.9, 3769680.6,	87.0,	87.0,	0.0);	(

(386720.4, 3769678.0,	87.0,	87.0,	0.0);	(
386697.6, 3769691.5,	87.0,	87.0,	0.0);	
(386691.0, 3769715.4,	87.0,	87.0,	0.0);	(
386709.6, 3769742.7,	87.0,	87.0,	0.0);	
(386731.8, 3769748.3,	87.0,	87.0,	0.0);	(
386753.9, 3769753.9,	87.0,	87.0,	0.0);	
(386798.1, 3769765.1,	87.0,	87.0,	0.0);	(
386820.3, 3769770.8,	87.0,	87.0,	0.0);	
(386842.4, 3769776.3,	87.0,	87.0,	0.0);	(
386864.5, 3769782.0,	87.0,	87.0,	0.0);	
(386861.6, 3769812.3,	87.0,	87.0,	0.0);	(
386869.0, 3769835.8,	87.0,	87.0,	0.0);	
(386876.5, 3769859.3,	87.0,	87.0,	0.0);	(
386883.9, 3769882.9,	87.0,	87.0,	0.0);	
(386891.3, 3769906.4,	87.0,	87.0,	0.0);	(
386898.7, 3769929.9,	87.0,	87.0,	0.0);	
(386906.1, 3769953.5,	87.0,	87.0,	0.0);	(
386913.5, 3769977.0,	87.0,	87.0,	0.0);	
(386921.9, 3770000.9,	87.0,	87.0,	0.0);	(
386930.0, 3770024.0,	87.0,	87.0,	0.0);	
(386938.1, 3770047.1,	87.0,	87.0,	0.0);	(
386946.2, 3770070.2,	87.0,	87.0,	0.0);	
(386954.4, 3770093.3,	87.0,	87.0,	0.0);	(
386962.5, 3770116.4,	87.0,	87.0,	0.0);	
(386970.6, 3770139.5,	87.0,	87.0,	0.0);	(
386978.7, 3770162.6,	87.0,	87.0,	0.0);	
(386986.9, 3770185.8,	87.0,	87.0,	0.0);	(
386995.0, 3770208.9,	87.0,	87.0,	0.0);	
(387003.1, 3770232.0,	87.0,	87.0,	0.0);	(
387011.2, 3770255.1,	87.0,	87.0,	0.0);	
(387019.4, 3770278.2,	87.0,	87.0,	0.0);	(
386983.2, 3770288.3,	87.0,	87.0,	0.0);	
(386994.3, 3770310.3,	87.0,	87.0,	0.0);	(
386978.3, 3770264.3,	87.0,	87.0,	0.0);	
(386970.3, 3770241.3,	87.0,	87.0,	0.0);	(
386962.3, 3770218.4,	87.0,	87.0,	0.0);	
(386954.3, 3770195.4,	87.0,	87.0,	0.0);	(
386946.3, 3770172.4,	87.0,	87.0,	0.0);	
(386938.3, 3770149.4,	87.0,	87.0,	0.0);	(
386930.3, 3770126.4,	87.0,	87.0,	0.0);	
(386922.3, 3770103.5,	87.0,	87.0,	0.0);	(
386914.3, 3770080.5,	87.0,	87.0,	0.0);	
(386906.3, 3770057.5,	87.0,	87.0,	0.0);	(
386898.3, 3770034.5,	87.0,	87.0,	0.0);	
(386890.3, 3770011.5,	87.0,	87.0,	0.0);	(
386882.3, 3769988.6,	87.0,	87.0,	0.0);	
(386874.3, 3769965.6,	87.0,	87.0,	0.0);	(
386866.3, 3769942.6,	87.0,	87.0,	0.0);	
(386858.3, 3769919.6,	87.0,	87.0,	0.0);	(
386850.3, 3769896.6,	87.0,	87.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(386842.3, 3769873.6,	87.0,	87.0,	0.0);	(
386834.3, 3769850.7,	87.0,	87.0,	0.0);	(
(386826.3, 3769827.7,	87.0,	87.0,	0.0);	(
386818.3, 3769804.7,	87.0,	87.0,	0.0);	(
(386758.6, 3769843.5,	87.0,	87.0,	0.0);	(
386787.6, 3769786.7,	87.0,	87.0,	0.0);	(
(386652.3, 3769693.3,	87.0,	87.0,	0.0);	(
386614.0, 3769685.5,	87.0,	87.0,	0.0);	(
(386590.2, 3769681.8,	87.0,	87.0,	0.0);	(
386566.6, 3769683.8,	87.0,	87.0,	0.0);	(
(386544.1, 3769704.2,	87.0,	87.0,	0.0);	(
386552.2, 3769749.7,	87.0,	87.0,	0.0);	(
(386577.9, 3769758.1,	87.0,	87.0,	0.0);	(
386613.2, 3769764.6,	87.0,	87.0,	0.0);	(
(386646.1, 3769772.3,	87.0,	87.0,	0.0);	(
386674.2, 3769783.5,	87.0,	87.0,	0.0);	(
(386704.0, 3769806.8,	87.0,	87.0,	0.0);	(
386721.6, 3769824.4,	87.0,	87.0,	0.0);	(
(386736.1, 3769846.5,	87.0,	87.0,	0.0);	(
386746.0, 3769868.1,	87.0,	87.0,	0.0);	(
(386755.8, 3769889.6,	87.0,	87.0,	0.0);	(
386769.7, 3769932.4,	87.0,	87.0,	0.0);	(
(386777.1, 3769955.0,	87.0,	87.0,	0.0);	(
386784.6, 3769977.7,	87.0,	87.0,	0.0);	(
(386792.0, 3770000.3,	87.0,	87.0,	0.0);	(
386799.5, 3770023.0,	87.0,	87.0,	0.0);	(
(386806.9, 3770045.6,	87.0,	87.0,	0.0);	(
386814.4, 3770068.3,	87.0,	87.0,	0.0);	(
(386821.8, 3770090.9,	87.0,	87.0,	0.0);	(
386829.3, 3770113.6,	87.0,	87.0,	0.0);	(
(386836.7, 3770136.2,	87.0,	87.0,	0.0);	(
386844.2, 3770158.9,	87.0,	87.0,	0.0);	(
(386851.6, 3770181.5,	87.0,	87.0,	0.0);	(
386859.1, 3770204.2,	87.0,	87.0,	0.0);	(
(386866.5, 3770226.8,	87.0,	87.0,	0.0);	(
386874.0, 3770249.5,	87.0,	87.0,	0.0);	(
(386881.4, 3770272.1,	87.0,	87.0,	0.0);	(
386888.9, 3770294.8,	87.0,	87.0,	0.0);	(
(386896.3, 3770317.4,	87.0,	87.0,	0.0);	(
386917.3, 3770305.5,	87.0,	87.0,	0.0);	(

(386846.3, 3770260.3,	87.0,	87.0,	0.0);	(
386826.2, 3770248.2,	87.0,	87.0,	0.0);	
(386806.1, 3770236.1,	87.0,	87.0,	0.0);	(
386786.0, 3770223.9,	87.0,	87.0,	0.0);	
(386765.9, 3770211.8,	87.0,	87.0,	0.0);	(
386745.8, 3770199.7,	87.0,	87.0,	0.0);	
(386725.8, 3770187.5,	87.0,	87.0,	0.0);	(
386705.6, 3770175.4,	87.0,	87.0,	0.0);	
(386685.5, 3770163.3,	87.0,	87.0,	0.0);	(
386665.5, 3770151.1,	87.0,	87.0,	0.0);	
(386645.4, 3770139.0,	87.0,	87.0,	0.0);	(
386625.3, 3770126.9,	87.0,	87.0,	0.0);	
(386605.2, 3770114.8,	87.0,	87.0,	0.0);	(
386571.6, 3770122.0,	87.0,	87.0,	0.0);	
(386550.1, 3770153.4,	87.0,	87.0,	0.0);	(
386557.6, 3770188.9,	87.0,	87.0,	0.0);	
(386577.8, 3770201.1,	87.0,	87.0,	0.0);	(
386597.9, 3770213.4,	87.0,	87.0,	0.0);	
(386618.0, 3770225.7,	87.0,	87.0,	0.0);	(
386638.2, 3770238.0,	87.0,	87.0,	0.0);	
(386658.3, 3770250.3,	87.0,	87.0,	0.0);	(
386678.4, 3770262.6,	87.0,	87.0,	0.0);	
(386698.6, 3770274.9,	87.0,	87.0,	0.0);	(
386718.7, 3770287.2,	87.0,	87.0,	0.0);	
(386738.8, 3770299.4,	87.0,	87.0,	0.0);	(
386759.0, 3770311.7,	87.0,	87.0,	0.0);	
(386779.1, 3770324.0,	87.0,	87.0,	0.0);	(
386799.2, 3770336.3,	87.0,	87.0,	0.0);	
(386592.2, 3770136.1,	87.0,	87.0,	0.0);	(
386913.8, 3770330.3,	87.0,	87.0,	0.0);	
(386927.5, 3770332.2,	87.0,	87.0,	0.0);	(
386778.5, 3769879.3,	87.0,	87.0,	0.0);	
(386758.9, 3769836.1,	87.0,	87.0,	0.0);	(
386739.3, 3769806.7,	87.0,	87.0,	0.0);	
(386704.0, 3769771.4,	87.0,	87.0,	0.0);	(
386668.7, 3769751.8,	87.0,	87.0,	0.0);	
(386617.7, 3769740.1,	87.0,	87.0,	0.0);	(
386564.8, 3769730.3,	87.0,	87.0,	0.0);	
(386568.7, 3769708.7,	87.0,	87.0,	0.0);	(
386592.2, 3769706.7,	87.0,	87.0,	0.0);	
(386643.2, 3769716.5,	87.0,	87.0,	0.0);	(
386688.3, 3769734.2,	87.0,	87.0,	0.0);	
(386723.6, 3769753.8,	87.0,	87.0,	0.0);	(
386764.8, 3769796.9,	87.0,	87.0,	0.0);	
(386782.4, 3769836.1,	87.0,	87.0,	0.0);	(
386757.0, 3769753.8,	87.0,	87.0,	0.0);	
(386770.7, 3769744.0,	87.0,	87.0,	0.0);	(
386970.7, 3770318.5,	87.0,	87.0,	0.0);	
(387051.1, 3770293.0,	87.0,	87.0,	0.0);	(
386937.3, 3769969.5,	87.0,	87.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(386870.7, 3769757.7,	87.0,	87.0,	0.0);	(
386715.8, 3769718.5,	87.0,	87.0,	0.0);	(
(386717.7, 3769702.8,	87.0,	87.0,	0.0);	(
386864.8, 3769718.5,	87.0,	87.0,	0.0);	(
(386851.1, 3769691.0,	87.0,	87.0,	0.0);	(
386831.5, 3769653.8,	87.0,	87.0,	0.0);	(
(386825.6, 3769606.7,	87.0,	87.0,	0.0);	(
386829.5, 3769540.1,	87.0,	87.0,	0.0);	(
(386833.4, 3769512.6,	87.0,	87.0,	0.0);	(
386851.1, 3769514.6,	87.0,	87.0,	0.0);	(
(386849.1, 3769563.6,	87.0,	87.0,	0.0);	(
386857.0, 3769618.5,	87.0,	87.0,	0.0);	(
(386876.6, 3769661.6,	87.0,	87.0,	0.0);	(
386906.0, 3769695.0,	87.0,	87.0,	0.0);	(
(386931.5, 3769714.6,	87.0,	87.0,	0.0);	(
386964.8, 3769732.2,	87.0,	87.0,	0.0);	(
(387004.0, 3769738.1,	87.0,	87.0,	0.0);	(
387149.1, 3769757.7,	87.0,	87.0,	0.0);	(
(387143.2, 3769785.2,	87.0,	87.0,	0.0);	(
387102.0, 3769783.2,	87.0,	87.0,	0.0);	(
(387062.8, 3769793.0,	87.0,	87.0,	0.0);	(
387049.1, 3769796.9,	87.0,	87.0,	0.0);	(
(386998.1, 3769834.2,	87.0,	87.0,	0.0);	(
386974.6, 3769879.3,	87.0,	87.0,	0.0);	(
(386966.8, 3769930.3,	87.0,	87.0,	0.0);	(
386970.7, 3769989.1,	87.0,	87.0,	0.0);	(
(387068.7, 3770291.0,	87.0,	87.0,	0.0);	(
387343.2, 3770189.1,	87.0,	87.0,	0.0);	(
(387351.1, 3770224.4,	87.0,	87.0,	0.0);	(
387296.2, 3770251.8,	87.0,	87.0,	0.0);	(
(387292.2, 3770336.1,	87.0,	87.0,	0.0);	(
387213.8, 3770296.9,	87.0,	87.0,	0.0);	(
(387143.2, 3770418.5,	87.0,	87.0,	0.0);	(
387088.3, 3770371.4,	87.0,	87.0,	0.0);	(
(387055.0, 3770387.1,	87.0,	87.0,	0.0);	(
387025.6, 3770396.9,	87.0,	87.0,	0.0);	(
(386992.2, 3770400.9,	87.0,	87.0,	0.0);	(
386976.6, 3770400.9,	87.0,	87.0,	0.0);	(
(386978.5, 3770481.2,	87.0,	87.0,	0.0);	(
386972.6, 3770528.3,	87.0,	87.0,	0.0);	(

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( 386923.6, 3770802.8,      87.0,      87.0,      0.0);      (  
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( 386927.5, 3770628.3,      87.0,      87.0,      0.0);      (  
386958.9, 3770457.7,      87.0,      87.0,      0.0);      (  
( 386907.9, 3770418.5,      87.0,      87.0,      0.0);      (  
386886.4, 3770414.6,      87.0,      87.0,      0.0);      (  
( 386843.2, 3770389.1,      87.0,      87.0,      0.0);      (  
386872.6, 3770351.8,      87.0,      87.0,      0.0);      (  
( 386570.7, 3770167.5,      87.0,      87.0,      0.0);
```

8.23, 10.80, 1.54, 3.09, 5.14,

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF

METEOROLOGICAL DATA ***

Surface file: CELA_v9.SFC
 Met Version: 16216
 Profile file: CELA_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 93134
 3190

Upper air station no.:

UNKNOWN Name: UNKNOWN

Name:

UNKNOWN

Year: 2010

Year:

2010

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					
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	01	01	1	01	-33.0	0.331	-9.000	-9.000	-999.	456.	120.2	0.56	
0.86	1.00			3.10	38.	21.3	284.9	17.7					
10	01	01	1	02	-26.9	0.285	-9.000	-9.000	-999.	367.	89.6	0.56	
0.86	1.00			2.70	38.	21.3	284.2	17.7					
10	01	01	1	03	-38.6	0.387	-9.000	-9.000	-999.	577.	164.6	0.56	
0.86	1.00			3.60	35.	21.3	284.2	17.7					
10	01	01	1	04	-33.0	0.331	-9.000	-9.000	-999.	458.	120.2	0.56	
0.86	1.00			3.10	34.	21.3	283.8	17.7					
10	01	01	1	05	-33.1	0.331	-9.000	-9.000	-999.	456.	120.2	0.56	
0.86	1.00			3.10	37.	21.3	283.1	17.7					
10	01	01	1	06	-38.7	0.387	-9.000	-9.000	-999.	577.	164.5	0.56	
0.86	1.00			3.60	24.	21.3	283.1	17.7					
10	01	01	1	07	-38.6	0.387	-9.000	-9.000	-999.	577.	164.5	0.56	
0.86	1.00			3.60	35.	21.3	283.8	17.7					
10	01	01	1	08	-29.6	0.435	-9.000	-9.000	-999.	688.	251.8	0.56	
0.86	0.55			4.00	35.	21.3	283.8	17.7					
10	01	01	1	09	30.0	0.426	0.367	0.008	59.	666.	-232.0	0.56	
0.86	0.32			3.60	38.	21.3	286.4	17.7					
10	01	01	1	10	72.3	0.359	0.629	0.008	124.	519.	-57.8	0.56	
0.86	0.24			2.70	34.	21.3	290.4	17.7					
10	01	01	1	11	104.4	0.321	0.998	0.008	344.	437.	-28.6	0.56	
0.86	0.21			2.20	43.	21.3	292.5	17.7					
10	01	01	1	12	115.1	0.283	1.156	0.008	484.	363.	-17.9	0.56	
0.86	0.20			1.80	62.	21.3	295.9	17.7					
10	01	01	1	13	91.4	0.406	1.130	0.008	568.	622.	-66.2	0.56	
0.86	0.20			3.10	263.	21.3	294.2	17.7					

10	01	01	1	14	89.3	0.316	1.168	0.008	642.	432.	-31.9	0.56
0.86	0.21			2.20	259.	21.3	294.9	17.7				
10	01	01	1	15	42.6	0.295	0.928	0.008	675.	384.	-54.0	0.56
0.86	0.25			2.20	267.	21.3	294.9	17.7				
10	01	01	1	16	12.0	0.359	0.609	0.008	680.	516.	-347.9	0.56
0.86	0.33			3.10	264.	21.3	292.5	17.7				
10	01	01	1	17	-15.7	0.231	-9.000	-9.000	-999.	276.	70.7	0.56
0.86	0.60			2.20	288.	21.3	290.9	17.7				
10	01	01	1	18	-6.1	0.135	-9.000	-9.000	-999.	124.	36.7	0.56
0.86	1.00			1.30	344.	21.3	289.2	17.7				
10	01	01	1	19	-11.4	0.184	-9.000	-9.000	-999.	190.	49.2	0.56
0.86	1.00			1.80	2.	21.3	288.8	17.7				
10	01	01	1	20	-17.4	0.229	-9.000	-9.000	-999.	263.	62.1	0.56
0.86	1.00			2.20	22.	21.3	288.1	17.7				
10	01	01	1	21	-17.4	0.229	-9.000	-9.000	-999.	263.	61.9	0.56
0.86	1.00			2.20	40.	21.3	287.0	17.7				
10	01	01	1	22	-11.5	0.184	-9.000	-9.000	-999.	190.	49.1	0.56
0.86	1.00			1.80	306.	21.3	287.0	17.7				
10	01	01	1	23	-11.5	0.184	-9.000	-9.000	-999.	190.	49.0	0.56
0.86	1.00			1.80	45.	21.3	286.4	17.7				
10	01	01	1	24	-11.5	0.184	-9.000	-9.000	-999.	190.	49.0	0.56
0.86	1.00			1.80	67.	21.3	286.4	17.7				

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	17.7	0	-999.	-99.00	284.9	99.0	-99.00	-99.00
10	01	01	01	21.3	1	38.	3.10	-999.0	99.0	-99.00	-99.00

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

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10 IN
			**
X-COORD (M)	Y-COORD (M)	CONC	X-
386644.97	3770797.94	0.01021	
387389.36	3770462.97	0.01418	
387418.61	3770252.94	0.01459	
387078.31	3770768.70	0.04546	
386553.12	3770064.82	0.05004	
386471.74	3769998.80	0.03514	
386698.99	3769811.47	0.27044	
386768.08	3770652.90	0.04837	
387305.49	3770330.45	0.02937	
386838.30	3770354.97	0.17195	
386823.60	3770373.60	0.12089	
386824.57	3770402.14	0.10516	
386844.88	3770419.11	0.12062	
386873.64	3770436.10	0.15878	
386903.46	3770443.10	0.22076	
386926.67	3770464.46	0.27951	
386925.36	3770501.94	0.27263	
386920.88	3770526.31	0.27134	
386916.40	3770550.68	0.27460	
386911.92	3770575.05	0.26865	
386907.43	3770599.42	0.25683	
386902.95	3770623.79	0.25104	
386898.02	3770647.61	0.25688	
386892.97	3770671.98	0.25071	
386887.93	3770696.35	0.24904	
386882.89	3770720.72	0.23898	
386877.84	3770745.09	0.21294	
386872.80	3770769.46	0.17147	
386867.76	3770793.83	0.10581	
386880.53	3770818.58	0.09301	

	386904.83	3770825.67	0.13523
386948.22	3770807.21	0.17079	
	386952.31	3770784.34	0.20867
386956.39	3770761.46	0.21852	
	386960.48	3770738.59	0.22453
386964.56	3770715.71	0.22894	
	386968.65	3770692.84	0.23162
386972.73	3770669.96	0.23613	
	386976.82	3770647.08	0.24204
386980.90	3770624.21	0.23931	
	386984.99	3770601.33	0.23003
386989.07	3770578.46	0.22713	
	386993.16	3770555.58	0.22312
386997.24	3770532.70	0.21586	
	387000.38	3770507.88	0.21430
387003.33	3770484.35	0.20508	
	387003.02	3770460.54	0.21961
387002.04	3770420.35	0.27136	
	387028.50	3770421.77	0.17312
387062.90	3770410.85	0.13057	
	387098.96	3770394.07	0.10747
387108.65	3770421.80	0.07796	
	387126.95	3770437.48	0.06205
387164.84	3770431.05	0.04875	
	387176.60	3770410.79	0.04904
387188.37	3770390.53	0.04984	
	387200.13	3770370.27	0.05126
387211.90	3770350.01	0.05321	
	387223.66	3770329.75	0.05544
387235.43	3770309.49	0.05899	
	387202.63	3770319.30	0.08324
387261.45	3770348.71	0.03533	
	387311.05	3770347.51	0.02620
387318.19	3770316.23	0.02966	
	387320.15	3770274.08	0.04413
387343.95	3770255.90	0.04519	
	387375.47	3770218.96	0.02504
387367.62	3770183.66	0.01625	
	387334.52	3770165.65	0.02233
387311.64	3770174.15	0.03335	
	387288.76	3770182.65	0.04157
387265.89	3770191.14	0.04653	
	387243.01	3770199.64	0.04937
387220.14	3770208.14	0.05063	
	387197.26	3770216.63	0.05340
387174.38	3770225.13	0.05812	
	387151.51	3770233.63	0.06298
387128.63	3770242.12	0.06674	
	387105.76	3770250.62	0.06984
387082.88	3770259.12	0.07521	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10 IN
			**
X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
387077.41	3770236.87	0.06396	
387069.86	3770213.65	0.05775	
387062.32	3770190.42	0.05447	
387054.78	3770167.19	0.05231	
387047.24	3770143.96	0.05059	
387039.70	3770120.74	0.04933	
387032.16	3770097.51	0.04863	
387024.61	3770074.28	0.04806	
387017.07	3770051.05	0.04752	
387009.53	3770027.83	0.04706	
387001.99	3770004.60	0.04671	
386994.45	3769981.37	0.04687	
386993.00	3769948.21	0.04383	
386994.08	3769917.08	0.04089	
386999.31	3769883.09	0.03771	
387012.45	3769860.78	0.03338	
387029.87	3769841.95	0.02954	
387063.85	3769817.11	0.02324	
387088.50	3769812.36	0.01938	
387121.45	3769809.16	0.01550	
387163.07	3769797.70	0.01166	
387173.55	3769762.96	0.00994	
387152.46	3769732.95	0.00991	
387128.27	3769729.68	0.01111	
387104.09	3769726.41	0.01273	
387079.91	3769723.14	0.01461	
387055.72	3769719.87	0.01692	
387031.54	3769716.60	0.01976	
387007.36	3769713.34	0.02305	
386968.50	3769707.51	0.02930	

	386943.16	3769692.49	0.03176
386921.21	3769675.16	0.03302	
	386895.31	3769645.10	0.03040
386879.71	3769608.15	0.02598	
	386876.46	3769578.36	0.02240
386875.06	3769540.09	0.01854	
	386876.05	3769515.58	0.01665
386861.93	3769494.01	0.01620	
	386836.18	3769487.77	0.01752
386813.39	3769500.97	0.02021	
	386806.71	3769522.81	0.02279
386803.24	3769560.83	0.02765	
	386800.62	3769605.27	0.03470
386803.71	3769633.37	0.04017	
	386806.65	3769656.90	0.04603
386819.14	3769684.07	0.05314	
	386842.93	3769691.03	0.05263
386793.91	3769685.80	0.06147	
	386769.40	3769683.19	0.07162
386744.89	3769680.57	0.08743	
	386720.38	3769677.96	0.10499
386697.56	3769691.47	0.15941	
	386690.96	3769715.40	0.30486
386709.63	3769742.74	0.51263	
	386731.76	3769748.34	0.34600
386753.89	3769753.94	0.23923	
	386798.15	3769765.15	0.13230
386820.28	3769770.75	0.09484	
	386842.41	3769776.35	0.06975
386864.53	3769781.96	0.06124	
	386861.64	3769812.29	0.07498
386869.05	3769835.81	0.07883	
	386876.46	3769859.34	0.08181
386883.86	3769882.87	0.08596	
	386891.27	3769906.40	0.08941
386898.68	3769929.93	0.09223	
	386906.09	3769953.46	0.09410
386913.49	3769976.99	0.09520	
	386921.88	3770000.88	0.09569
386930.00	3770023.99	0.09587	
	386938.13	3770047.10	0.09485
386946.25	3770070.21	0.09435	
	386954.37	3770093.32	0.09591
386962.50	3770116.43	0.09964	
	386970.62	3770139.54	0.10275
386978.74	3770162.65	0.10491	
	386986.87	3770185.75	0.10686
386994.99	3770208.86	0.10828	
	387003.11	3770231.97	0.10863
387011.24	3770255.08	0.11191	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10 IN
			**
X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
387019.36	3770278.19	0.12630	
386983.21	3770288.30	0.20147	
386994.28	3770310.28	0.25280	
386978.28	3770264.32	0.17668	
386970.28	3770241.34	0.17506	
386962.28	3770218.36	0.17243	
386954.28	3770195.38	0.16805	
386946.28	3770172.40	0.16669	
386938.28	3770149.42	0.16806	
386930.28	3770126.44	0.17094	
386922.28	3770103.46	0.17267	
386914.28	3770080.48	0.17309	
386906.28	3770057.50	0.17253	
386898.28	3770034.52	0.17155	
386890.28	3770011.54	0.17029	
386882.28	3769988.56	0.16842	
386874.28	3769965.57	0.16667	
386866.28	3769942.59	0.16490	
386858.28	3769919.61	0.16373	
386850.28	3769896.63	0.15956	
386842.28	3769873.65	0.14969	
386834.28	3769850.67	0.13857	
386826.28	3769827.69	0.13432	
386818.28	3769804.71	0.11689	
386758.56	3769843.54	0.62907	
386787.59	3769786.67	0.19962	
386652.33	3769693.26	0.24624	
386613.95	3769685.46	0.24141	
386590.16	3769681.83	0.23763	
386566.63	3769683.79	0.21545	

	386544.11	3769704.23	0.17384
386552.23	3769749.66	0.12167	
	386577.89	3769758.12	0.18030
386613.18	3769764.65	0.25266	
	386646.09	3769772.28	0.30233
386674.22	3769783.50	0.33160	
	386703.97	3769806.77	0.31681
386721.62	3769824.42	0.31699	
	386736.15	3769846.50	0.29862
386745.96	3769868.07	0.28570	
	386755.76	3769889.64	0.29365
386769.67	3769932.40	0.29173	
	386777.13	3769955.04	0.29566
386784.58	3769977.69	0.30253	
	386792.03	3770000.34	0.31177
386799.48	3770022.99	0.32198	
	386806.93	3770045.63	0.32382
386814.38	3770068.28	0.32414	
	386821.83	3770090.93	0.33056
386829.28	3770113.57	0.33938	
	386836.73	3770136.22	0.34614
386844.18	3770158.87	0.35109	
	386851.64	3770181.51	0.35523
386859.09	3770204.16	0.35829	
	386866.54	3770226.81	0.36378
386873.99	3770249.46	0.37336	
	386881.44	3770272.10	0.38711
386888.89	3770294.75	0.40927	
	386896.34	3770317.40	0.45977
386917.34	3770305.52	0.85844	
	386846.34	3770260.34	0.22536
386826.24	3770248.20	0.18955	
	386806.14	3770236.07	0.16621
386786.04	3770223.94	0.15025	
	386765.94	3770211.81	0.13957
386745.85	3770199.67	0.12993	
	386725.75	3770187.54	0.12195
386705.65	3770175.41	0.11437	
	386685.55	3770163.28	0.10754
386665.45	3770151.14	0.10098	
	386645.36	3770139.01	0.09360
386625.26	3770126.88	0.08641	
	386605.16	3770114.75	0.07646
386571.64	3770121.99	0.06658	
	386550.07	3770153.36	0.05695
386557.64	3770188.86	0.05046	
	386577.78	3770201.15	0.06059
386597.91	3770213.43	0.07086	
	386618.04	3770225.72	0.07929
386638.17	3770238.01	0.08641	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10 IN
			**
X-COORD (M)	Y-COORD (M)	CONC	X-
386658.30	3770250.30	0.09223	
386678.43	3770262.59	0.09706	
386698.56	3770274.87	0.10184	
386718.69	3770287.16	0.10745	
386738.82	3770299.45	0.11369	
386758.95	3770311.74	0.12070	
386779.08	3770324.03	0.12803	
386799.21	3770336.31	0.13680	
386592.24	3770136.15	0.09861	
386913.81	3770330.27	0.67528	
386927.54	3770332.23	1.04417	
386778.52	3769879.29	0.73345	
386758.91	3769836.15	0.77583	
386739.30	3769806.74	0.84136	
386704.01	3769771.44	0.97188	
386668.71	3769751.84	0.96182	
386617.73	3769740.07	0.68550	
386564.79	3769730.27	0.27143	
386568.71	3769708.70	0.47021	
386592.24	3769706.74	0.59281	
386643.22	3769716.54	0.66198	
386688.32	3769734.19	0.68373	
386723.61	3769753.80	0.52605	
386764.79	3769796.93	0.48871	
386782.44	3769836.15	0.52759	
386756.95	3769753.80	0.22375	
386770.67	3769743.99	0.14785	
386970.67	3770318.50	0.38730	
387051.07	3770293.01	0.11957	
386937.34	3769969.48	0.07361	

	386870.67	3769757.72	0.06251
386715.77	3769718.50	0.21537	
	386717.73	3769702.82	0.15587
386864.79	3769718.50	0.06333	
	386851.07	3769691.05	0.05276
386831.46	3769653.80	0.04255	
	386825.58	3769606.74	0.03321
386829.50	3769540.07	0.02318	
	386833.42	3769512.62	0.01964
386851.07	3769514.58	0.01843	
	386849.10	3769563.60	0.02576
386856.95	3769618.50	0.03301	
	386876.56	3769661.64	0.04001
386905.97	3769694.97	0.04383	
	386931.46	3769714.58	0.04116
386964.79	3769732.23	0.03774	
	387004.01	3769738.11	0.02973
387149.11	3769757.72	0.01111	
	387143.22	3769785.17	0.01280
387102.05	3769783.21	0.02029	
	387062.83	3769793.01	0.02608
387049.10	3769796.93	0.02960	
	386998.12	3769834.19	0.04180
386974.60	3769879.29	0.05007	
	386966.75	3769930.27	0.05441
386970.67	3769989.09	0.05890	
	387068.71	3770291.05	0.10509
387343.22	3770189.09	0.03070	
	387351.07	3770224.39	0.06584
387296.16	3770251.84	0.10782	
	387292.24	3770336.15	0.03081
387213.81	3770296.94	0.09915	
	387143.22	3770418.50	0.06031
387088.32	3770371.45	0.18641	
	387054.99	3770387.13	0.22317
387025.58	3770396.94	0.24933	
	386992.24	3770400.86	0.39802
386976.56	3770400.86	0.66911	
	386978.52	3770481.25	0.45873
386972.63	3770528.31	0.53012	
	386923.61	3770802.82	0.43141
386892.24	3770798.90	0.21036	
	386927.54	3770628.31	0.66123
386958.91	3770457.72	0.76868	
	386907.93	3770418.50	0.25942
386886.36	3770414.58	0.19580	
	386843.22	3770389.09	0.13130
386872.63	3770351.84	0.30656	
	386570.67	3770167.52	0.07742

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
386644.97	3770797.94	0.11429	(15021724)	
387389.36	3770462.97	0.11652	(10100424)	
387418.61	3770252.94	0.13942m	(10102124)	
387078.31	3770768.70	0.24265m	(10102024)	
386553.12	3770064.82	0.21892	(10121524)	
386471.74	3769998.80	0.16029	(10121524)	
386698.99	3769811.47	0.87343	(10121524)	
386768.08	3770652.90	0.26854	(10121524)	
387305.49	3770330.45	0.17809	(10092224)	
386838.30	3770354.97	0.75378	(10121524)	
386823.60	3770373.60	0.55597	(10121524)	
386824.57	3770402.14	0.49338	(10121524)	
386844.88	3770419.11	0.51606	(10121524)	
386873.64	3770436.10	0.58702	(10121524)	
386903.46	3770443.10	0.71345m	(14123124)	
386926.67	3770464.46	0.92004	(10121524)	
386925.36	3770501.94	1.02218	(10121524)	
386920.88	3770526.31	1.04186	(10121524)	
386916.40	3770550.68	0.98464	(10121524)	
386911.92	3770575.05	0.94399	(10121524)	
386907.43	3770599.42	0.89329	(10121524)	
386902.95	3770623.79	0.98745m	(14123124)	
386898.02	3770647.61	0.87470	(10121524)	
386892.97	3770671.98	0.94227	(10121524)	
386887.93	3770696.35	0.98835	(10121524)	
386882.89	3770720.72	1.04680	(10121524)	
386877.84	3770745.09	1.06399	(10121524)	
386872.80	3770769.46	0.96617	(10121524)	
386867.76	3770793.83	0.70542	(10121524)	
386880.53	3770818.58	0.61617	(10111924)	

	386904.83	3770825.67	0.93462m (10102024)
386948.22	3770807.21	0.95845m (10102024)	
	386952.31	3770784.34	1.00280m (10102024)
386956.39	3770761.46	0.99874m (10102024)	
	386960.48	3770738.59	0.97893m (10102024)
386964.56	3770715.71	0.98206m (10102024)	
	386968.65	3770692.84	0.98899m (10102024)
386972.73	3770669.96	1.00498m (10102024)	
	386976.82	3770647.08	1.02474m (10102024)
386980.90	3770624.21	1.01786m (10102024)	
	386984.99	3770601.33	0.98412m (10102024)
386989.07	3770578.46	0.96207m (10102024)	
	386993.16	3770555.58	0.94229m (10102024)
386997.24	3770532.70	0.92330m (10102024)	
	387000.38	3770507.88	0.91137m (10102024)
387003.33	3770484.35	0.86928m (10102024)	
	387003.02	3770460.54	0.88535m (10102024)
387002.04	3770420.35	1.03048m (10102024)	
	387028.50	3770421.77	0.67520 (10100424)
387062.90	3770410.85	0.57333 (10100424)	
	387098.96	3770394.07	0.48187 (10100424)
387108.65	3770421.80	0.39100 (10100424)	
	387126.95	3770437.48	0.33254 (10100424)
387164.84	3770431.05	0.27668 (10100424)	
	387176.60	3770410.79	0.27127 (10100424)
387188.37	3770390.53	0.26614 (10100424)	
	387200.13	3770370.27	0.26238 (10100424)
387211.90	3770350.01	0.26390 (10092224)	
	387223.66	3770329.75	0.27618 (10092224)
387235.43	3770309.49	0.28476 (10092224)	
	387202.63	3770319.30	0.36146 (10092224)
387261.45	3770348.71	0.20202 (10092224)	
	387311.05	3770347.51	0.16536 (10092224)
387318.19	3770316.23	0.17918 (10092224)	
	387320.15	3770274.08	0.21567 (14032524)
387343.95	3770255.90	0.23555 (10092224)	
	387375.47	3770218.96	0.19890m (10102124)
387367.62	3770183.66	0.16121m (10102124)	
	387334.52	3770165.65	0.15592 (14111224)
387311.64	3770174.15	0.17446 (14021924)	
	387288.76	3770182.65	0.18910 (14021924)
387265.89	3770191.14	0.20059 (14021924)	
	387243.01	3770199.64	0.20653 (14021924)
387220.14	3770208.14	0.21769 (14021924)	
	387197.26	3770216.63	0.23351 (14021924)
387174.38	3770225.13	0.25442 (14021924)	
	387151.51	3770233.63	0.26994 (14021924)
387128.63	3770242.12	0.28021 (14021924)	
	387105.76	3770250.62	0.29803 (14021924)
387082.88	3770259.12	0.33571 (14021924)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
387077.41	3770236.87	0.31124	(14021924)	
387069.86	3770213.65	0.30864	(14021924)	
387062.32	3770190.42	0.30893	(14021924)	
387054.78	3770167.19	0.30840	(14021924)	
387047.24	3770143.96	0.30319	(14021924)	
387039.70	3770120.74	0.28699	(14021924)	
387032.16	3770097.51	0.28562	(14021924)	
387024.61	3770074.28	0.26103	(14021924)	
387017.07	3770051.05	0.25229	(14021924)	
387009.53	3770027.83	0.24853	(14021924)	
387001.99	3770004.60	0.26500	(14021924)	
386994.45	3769981.37	0.26148	(14021924)	
386993.00	3769948.21	0.25263	(14021924)	
386994.08	3769917.08	0.25063	(14021924)	
386999.31	3769883.09	0.21016	(14021924)	
387012.45	3769860.78	0.20042	(14021924)	
387029.87	3769841.95	0.20148	(14021924)	
387063.85	3769817.11	0.17745	(14021924)	
387088.50	3769812.36	0.16266	(14021924)	
387121.45	3769809.16	0.14791	(14021924)	
387163.07	3769797.70	0.13092	(14021924)	
387173.55	3769762.96	0.12187	(14021924)	
387152.46	3769732.95	0.12461	(14021924)	
387128.27	3769729.68	0.13452	(14021924)	
387104.09	3769726.41	0.14347	(14021924)	
387079.91	3769723.14	0.15314	(14021924)	
387055.72	3769719.87	0.16395	(14021924)	
387031.54	3769716.60	0.17442	(14021924)	
387007.36	3769713.34	0.18614	(14021924)	
386968.50	3769707.51	0.20444	(14021924)	

	386943.16	3769692.49	0.20869	(14021924)
386921.21	3769675.16	0.20988	(14021924)	
	386895.31	3769645.10	0.20539	(14021924)
386879.71	3769608.15	0.19310	(14021924)	
	386876.46	3769578.36	0.17978	(14021924)
386875.06	3769540.09	0.16320	(14021924)	
	386876.05	3769515.58	0.15242	(14021924)
386861.93	3769494.01	0.14532	(14021924)	
	386836.18	3769487.77	0.14402	(14021924)
386813.39	3769500.97	0.15422	(15121124)	
	386806.71	3769522.81	0.16832	(15121124)
386803.24	3769560.83	0.19245	(15121124)	
	386800.62	3769605.27	0.22784	(15121124)
386803.71	3769633.37	0.25218	(15121124)	
	386806.65	3769656.90	0.27633	(15121124)
386819.14	3769684.07	0.29327	(15121124)	
	386842.93	3769691.03	0.27272	(15121124)
386793.91	3769685.80	0.34253	(15121124)	
	386769.40	3769683.19	0.39852	(15121124)
386744.89	3769680.57	0.45080	(15121124)	
	386720.38	3769677.96	0.51661	(15121124)
386697.56	3769691.47	0.71212	(15121124)	
	386690.96	3769715.40	1.18034	(15121124)
386709.63	3769742.74	1.86892	(16012024)	
	386731.76	3769748.34	1.28738	(15121124)
386753.89	3769753.94	0.94018	(15121124)	
	386798.15	3769765.15	0.56156	(15121124)
386820.28	3769770.75	0.46653	(15121124)	
	386842.41	3769776.35	0.40753	(15121124)
386864.53	3769781.96	0.36355	(14021924)	
	386861.64	3769812.29	0.42589	(14021924)
386869.05	3769835.81	0.42055	(14021924)	
	386876.46	3769859.34	0.38589	(15121124)
386883.86	3769882.87	0.35145	(16123024)	
	386891.27	3769906.40	0.41604	(14021924)
386898.68	3769929.93	0.43263	(14021924)	
	386906.09	3769953.46	0.43910	(14021924)
386913.49	3769976.99	0.42959	(14021924)	
	386921.88	3770000.88	0.41841	(14021924)
386930.00	3770023.99	0.41945	(14021924)	
	386938.13	3770047.10	0.43276	(14021924)
386946.25	3770070.21	0.44269	(14021924)	
	386954.37	3770093.32	0.44445	(14021924)
386962.50	3770116.43	0.44533	(14021924)	
	386970.62	3770139.54	0.42283	(14021924)
386978.74	3770162.65	0.43442	(14021924)	
	386986.87	3770185.75	0.41922	(14021924)
386994.99	3770208.86	0.45897	(14021924)	
	387003.11	3770231.97	0.46117	(14021924)
387011.24	3770255.08	0.50155	(14021924)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
387019.36	3770278.19	0.56187	(14021924)	
386983.21	3770288.30	0.76537	(14021924)	
386994.28	3770310.28	0.89015	(14021924)	
386978.28	3770264.32	0.64633	(14021924)	
386970.28	3770241.34	0.63608	(14021924)	
386962.28	3770218.36	0.63205	(14021924)	
386954.28	3770195.38	0.64975	(14021924)	
386946.28	3770172.40	0.64613	(14021924)	
386938.28	3770149.42	0.64830	(14021924)	
386930.28	3770126.44	0.65364	(14021924)	
386922.28	3770103.46	0.64546	(14021924)	
386914.28	3770080.48	0.64415	(14021924)	
386906.28	3770057.50	0.63316	(14021924)	
386898.28	3770034.52	0.63702	(14021924)	
386890.28	3770011.54	0.63494	(14021924)	
386882.28	3769988.56	0.64405	(14021924)	
386874.28	3769965.57	0.63202	(14021924)	
386866.28	3769942.59	0.62679	(14021924)	
386858.28	3769919.61	0.63317	(14021924)	
386850.28	3769896.63	0.62918	(14021924)	
386842.28	3769873.65	0.56987	(16012024)	
386834.28	3769850.67	0.53890	(16012024)	
386826.28	3769827.69	0.53947	(15121124)	
386818.28	3769804.71	0.54284	(14021924)	
386758.56	3769843.54	1.86490m	(10102024)	
386787.59	3769786.67	0.75396	(16012024)	
386652.33	3769693.26	0.97102	(15121124)	
386613.95	3769685.46	0.96568	(16121224)	
386590.16	3769681.83	0.89757	(14120524)	
386566.63	3769683.79	0.87838m	(10123124)	

	386544.11	3769704.23	0.75752	(10121524)
386552.23	3769749.66	0.76947	(10121524)	
	386577.89	3769758.12	0.81310	(10121524)
386613.18	3769764.65	0.90907m	(10102024)	
	386646.09	3769772.28	1.01341m	(10102024)
386674.22	3769783.50	1.08545m	(10102024)	
	386703.97	3769806.77	1.02294	(10121524)
386721.62	3769824.42	1.01893	(10121524)	
	386736.15	3769846.50	0.94877	(10121524)
386745.96	3769868.07	0.93255m	(14123124)	
	386755.76	3769889.64	0.94083	(10121524)
386769.67	3769932.40	1.09926	(10121524)	
	386777.13	3769955.04	1.19947	(10121524)
386784.58	3769977.69	1.12768	(10121524)	
	386792.03	3770000.34	1.14573	(10121524)
386799.48	3770022.99	1.16057	(10121524)	
	386806.93	3770045.63	1.17631	(10121524)
386814.38	3770068.28	1.19311	(10121524)	
	386821.83	3770090.93	1.19759	(10121524)
386829.28	3770113.57	1.21967	(10121524)	
	386836.73	3770136.22	1.22296	(10121524)
386844.18	3770158.87	1.23295	(10121524)	
	386851.64	3770181.51	1.26719	(10121524)
386859.09	3770204.16	1.26407	(10121524)	
	386866.54	3770226.81	1.28876	(10121524)
386873.99	3770249.46	1.39450m	(14123124)	
	386881.44	3770272.10	1.39085	(10121524)
386888.89	3770294.75	1.44731	(10121524)	
	386896.34	3770317.40	1.55479	(10121524)
386917.34	3770305.52	2.90974	(10121524)	
	386846.34	3770260.34	0.81437	(10121524)
386826.24	3770248.20	0.67284	(10121524)	
	386806.14	3770236.07	0.58976	(10121524)
386786.04	3770223.94	0.50317	(10121524)	
	386765.94	3770211.81	0.46930	(10121524)
386745.85	3770199.67	0.42220	(10121524)	
	386725.75	3770187.54	0.39883m	(10123124)
386705.65	3770175.41	0.37851m	(10123124)	
	386685.55	3770163.28	0.36067m	(10123124)
386665.45	3770151.14	0.34898m	(10123124)	
	386645.36	3770139.01	0.33930m	(10123124)
386625.26	3770126.88	0.32898m	(10123124)	
	386605.16	3770114.75	0.30369m	(10123124)
386571.64	3770121.99	0.28150m	(10123124)	
	386550.07	3770153.36	0.30592	(10121524)
386557.64	3770188.86	0.33556	(10121524)	
	386577.78	3770201.15	0.38073	(10121524)
386597.91	3770213.43	0.40614	(10121524)	
	386618.04	3770225.72	0.41728	(10121524)
386638.17	3770238.01	0.42728	(10121524)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
386658.30	3770250.30	0.43882	(10121524)	
386678.43	3770262.59	0.45744	(10121524)	
386698.56	3770274.87	0.47527	(10121524)	
386718.69	3770287.16	0.49431	(10121524)	
386738.82	3770299.45	0.51716	(10121524)	
386758.95	3770311.74	0.54344	(10121524)	
386779.08	3770324.03	0.57432	(10121524)	
386799.21	3770336.31	0.60981	(10121524)	
386592.24	3770136.15	0.40045m	(10123124)	
386913.81	3770330.27	2.32392	(10121524)	
386927.54	3770332.23	3.44536	(10121524)	
386778.52	3769879.29	2.27637	(10121524)	
386758.91	3769836.15	2.31095m	(10102024)	
386739.30	3769806.74	2.57495m	(10102024)	
386704.01	3769771.44	2.95088m	(10102024)	
386668.71	3769751.84	3.04115m	(10102024)	
386617.73	3769740.07	2.30376m	(10102024)	
386564.79	3769730.27	1.79361	(10121524)	
386568.71	3769708.70	1.90108	(15122224)	
386592.24	3769706.74	2.26124	(16121224)	
386643.22	3769716.54	2.38311	(16012024)	
386688.32	3769734.19	2.53996	(16012024)	
386723.61	3769753.80	1.83650	(16012024)	
386764.79	3769796.93	1.55936	(16012024)	
386782.44	3769836.15	1.55235	(16040824)	
386756.95	3769753.80	0.89425	(15121124)	
386770.67	3769743.99	0.64262	(15121124)	
386970.67	3770318.50	1.23778	(14021924)	
387051.07	3770293.01	0.53067	(14021924)	
386937.34	3769969.48	0.35694	(14021924)	

	386870.67	3769757.72	0.32522	(15121124)
386715.77	3769718.50	0.94591	(15121124)	
	386717.73	3769702.82	0.70756	(15121124)
386864.79	3769718.50	0.29178	(15121124)	
	386851.07	3769691.05	0.26451	(15121124)
386831.46	3769653.80	0.24451	(15121124)	
	386825.58	3769606.74	0.21080	(15121124)
386829.50	3769540.07	0.17123	(14021924)	
	386833.42	3769512.62	0.15541	(14021924)
386851.07	3769514.58	0.15511	(14021924)	
	386849.10	3769563.60	0.18679	(14021924)
386856.95	3769618.50	0.21495	(14021924)	
	386876.56	3769661.64	0.23489	(14021924)
386905.97	3769694.97	0.24019	(14021924)	
	386931.46	3769714.58	0.24082	(14021924)
386964.79	3769732.23	0.23710	(14021924)	
	387004.01	3769738.11	0.21227	(14021924)
387149.11	3769757.72	0.12944	(14021924)	
	387143.22	3769785.17	0.13526	(14021924)
387102.05	3769783.21	0.15438	(14021924)	
	387062.83	3769793.01	0.17933	(14021924)
387049.10	3769796.93	0.19099	(14021924)	
	386998.12	3769834.19	0.24229	(14021924)
386974.60	3769879.29	0.24695	(14021924)	
	386966.75	3769930.27	0.28112	(14021924)
386970.67	3769989.09	0.29739	(14021924)	
	387068.71	3770291.05	0.43621	(14021924)
387343.22	3770189.09	0.21093	(10121624)	
	387351.07	3770224.39	0.34028	(10092224)
387296.16	3770251.84	0.41513m	(10102024)	
	387292.24	3770336.15	0.18420	(10092224)
387213.81	3770296.94	0.40430	(10092224)	
	387143.22	3770418.50	0.32014	(10100424)
387088.32	3770371.45	0.70313	(10100424)	
	387054.99	3770387.13	0.82758	(10100424)
387025.58	3770396.94	0.92087m	(10102024)	
	386992.24	3770400.86	1.42617m	(10102024)
386976.56	3770400.86	2.24231m	(10102024)	
	386978.52	3770481.25	1.77473m	(10102024)
386972.63	3770528.31	2.04442m	(10102024)	
	386923.61	3770802.82	2.19388m	(10102024)
386892.24	3770798.90	1.32481	(10121524)	
	386927.54	3770628.31	2.41500	(10121524)
386958.91	3770457.72	2.34112m	(14123124)	
	386907.93	3770418.50	0.97546	(10121524)
386886.36	3770414.58	0.78427	(10121524)	
	386843.22	3770389.09	0.61545	(10121524)
386872.63	3770351.84	1.25691	(10121524)	
	386570.67	3770167.52	0.44030	(10121524)

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD

(43824 HRS) RESULTS ***

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

NETWORK GROUP ID YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	RECEPTOR (XR, GRID-ID
ALL	1ST HIGHEST VALUE IS	1.04417 AT (386927.54,
3770332.23,	87.00, 87.00,	0.00) DC
	2ND HIGHEST VALUE IS	0.97188 AT (386704.01,
3769771.44,	87.00, 87.00,	0.00) DC
	3RD HIGHEST VALUE IS	0.96182 AT (386668.71,
3769751.84,	87.00, 87.00,	0.00) DC
	4TH HIGHEST VALUE IS	0.85844 AT (386917.34,
3770305.52,	87.00, 87.00,	0.00) DC
	5TH HIGHEST VALUE IS	0.84136 AT (386739.30,
3769806.74,	87.00, 87.00,	0.00) DC
	6TH HIGHEST VALUE IS	0.77583 AT (386758.91,
3769836.15,	87.00, 87.00,	0.00) DC
	7TH HIGHEST VALUE IS	0.76868 AT (386958.91,
3770457.72,	87.00, 87.00,	0.00) DC
	8TH HIGHEST VALUE IS	0.73345 AT (386778.52,
3769879.29,	87.00, 87.00,	0.00) DC
	9TH HIGHEST VALUE IS	0.68550 AT (386617.73,
3769740.07,	87.00, 87.00,	0.00) DC
	10TH HIGHEST VALUE IS	0.68373 AT (386688.32,
3769734.19,	87.00, 87.00,	0.00) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF

HIGHEST 24-HR RESULTS ***

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

DATE

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

ALL HIGH 1ST HIGH VALUE IS 3.44536 ON 10121524: AT (
 386927.54, 3770332.23, 87.00, 87.00, 0.00) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** AERMET - VERSION 16216 *** ***
*** 18:39:24

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)
A Total of 808 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 4 Calm Hours Identified

A Total of 804 Missing Hours Identified (1.83 Percent)

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

***** WARNING MESSAGES *****
ME W186 513 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 513 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological
File at: 14010101
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological
File at: 2 year gap

*** AERMOD Finishes Successfully ***

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 12/16/2019
** File: C:\Lakes\AERMOD View\HSR_B-
LA_CO_Main_Street_Construction_Area\HSR_B-
LA_CO_Main_Street_Construction_Area.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\HSR_B-LA_LAUS_Construction\HSR_B-
LA_LAUS_Constr
  MODELOPT CONC FASTAREA
  AVERTIME 1 8
  URBANOPT 800000
  POLLUTID CO
  RUNORNOT RUN
  ERRORFIL HSR_B-LA_CO_Main_Street_Construction_Area.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREA1      AREAPOLY    386902.046   3770800.858      96.400
** DESCRSRC At-Grade Track
  LOCATION PAREA2      AREAPOLY    386586.359   3770167.523      91.080
** DESCRSRC Main Stret Bridge
  LOCATION PAREA3      AREAPOLY    386954.987   3769991.052      92.670
** DESCRSRC Three way rail interchange construction
** Source Parameters **
  SRCPARAM PAREA1      0.0002310969      3.000      27
  AREAVERT PAREA1      386902.046 3770800.858 386960.870 3770489.093
  AREAVERT PAREA1      386960.870 3770455.759 386958.909 3770424.387
  AREAVERT PAREA1      386949.105 3770387.132 386927.536 3770320.465
  AREAVERT PAREA1      386798.124 3769918.503 386780.477 3769867.523
  AREAVERT PAREA1      386756.948 3769826.346 386741.261 3769798.895
  AREAVERT PAREA1      386704.006 3769765.562 386660.869 3769742.032
  AREAVERT PAREA1      386609.888 3769728.307 386572.633 3769726.346
  AREAVERT PAREA1      386574.594 3769710.660 386625.575 3769720.464

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AREAVERT	PAREA1	386651.065	3769726.346	386690.281	3769742.032
AREAVERT	PAREA1	386745.183	3769785.170	386770.673	3769834.189
AREAVERT	PAREA1	386802.046	3769896.935	386953.026	3770363.602
AREAVERT	PAREA1	386966.752	3770406.739	386968.713	3770451.838
AREAVERT	PAREA1	386968.713	3770498.897	386945.183	3770628.309
AREAVERT	PAREA1	386915.771	3770798.897		
SRCPARAM	PAREA2	0.0001020999	3.000	30	
AREAVERT	PAREA2	386586.359	3770167.523	386598.124	3770147.915
AREAVERT	PAREA2	386896.163	3770336.151	386933.418	3770340.073
AREAVERT	PAREA2	386956.948	3770332.230	387047.144	3770300.857
AREAVERT	PAREA2	387051.066	3770316.543	386953.026	3770347.916
AREAVERT	PAREA2	386958.909	3770357.720	386996.164	3770365.563
AREAVERT	PAREA2	387019.693	3770363.602	387045.183	3770357.720
AREAVERT	PAREA2	387064.791	3770349.877	387082.438	3770332.230
AREAVERT	PAREA2	387129.497	3770302.818	387151.066	3770283.210
AREAVERT	PAREA2	387196.164	3770263.602	387292.243	3770222.425
AREAVERT	PAREA2	387341.262	3770200.857	387341.262	3770222.425
AREAVERT	PAREA2	387211.850	3770273.406	387166.752	3770312.622
AREAVERT	PAREA2	387105.968	3770347.916	387072.634	3770369.484
AREAVERT	PAREA2	387053.027	3770379.288	387031.458	3770385.171
AREAVERT	PAREA2	387005.968	3770389.092	386986.360	3770391.053
AREAVERT	PAREA2	386968.713	3770394.975	386956.948	3770394.975
SRCPARAM	PAREA3	4.8336E-06	3.000	34	
AREAVERT	PAREA3	386954.987	3769991.052	386949.105	3769914.582
AREAVERT	PAREA3	386945.183	3769861.640	386927.536	3769810.660
AREAVERT	PAREA3	386907.928	3769785.170	386880.477	3769765.562
AREAVERT	PAREA3	386878.516	3769753.797	386835.379	3769738.111
AREAVERT	PAREA3	386725.575	3769716.542	386727.536	3769710.660
AREAVERT	PAREA3	386864.791	3769726.346	386886.360	3769726.346
AREAVERT	PAREA3	386858.909	3769685.169	386843.222	3769645.954
AREAVERT	PAREA3	386839.301	3769606.738	386835.379	3769563.601
AREAVERT	PAREA3	386837.340	3769547.914	386845.183	3769551.836
AREAVERT	PAREA3	386849.105	3769616.542	386862.830	3769653.797
AREAVERT	PAREA3	386894.203	3769700.856	386935.379	3769732.228
AREAVERT	PAREA3	386986.360	3769743.993	387027.536	3769751.836
AREAVERT	PAREA3	387119.693	3769765.562	387119.693	3769775.366
AREAVERT	PAREA3	387062.830	3769781.248	387033.419	3769796.934
AREAVERT	PAREA3	387005.968	3769818.503	386986.360	3769838.111
AREAVERT	PAREA3	386974.595	3769869.483	386958.909	3769908.699
AREAVERT	PAREA3	386960.870	3769967.523	386962.830	3769987.131
URBANSRC	ALL				

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"

** Variable Emission Scenario: "Scenario 2"

EMISFACT	PAREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	PAREA1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	PAREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	PAREA1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	PAREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	PAREA1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
EMISFACT	PAREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0

[illegible]

```

SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED HSR_B-LA_CO_Main_Street_Construction_Area.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE CELA_v9.SFC
  PROFFILE CELA_v9.PFL
  SURFDATA 93134 2010
  UAIRDATA 3190 2010
  SITEDATA 99999 2010
  PROFBASE 87.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 1 1ST
  RECTABLE 8 1ST
** Auto-Generated Plotfiles
  PLOTFILE 1 ALL 1ST HSR_B-
LA_CO_MAIN_STREET_CONSTRUCTION_AREA.AD\01H1GALL.PLT 31
  PLOTFILE 8 ALL 1ST HSR_B-
LA_CO_MAIN_STREET_CONSTRUCTION_AREA.AD\08H1GALL.PLT 32
  SUMMFILE HSR_B-LA_CO_Main_Street_Construction_Area.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      183      MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used      0.50
ME W187      183      MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET
```

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

*** MODEL SETUP OPTIONS

SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 3 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 800000.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:

FASTAREA - Use hybrid approach to optimize AREA sources;
also applies to LINE sources (formerly TOXICS option)

ADJ_U* - Use ADJ_U* option for SBL in AERMET

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: CO

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

**This Run Includes: 3 Source(s); 1 Source Group(s); and
310 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 3 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 0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

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

**NOTE: The Following Flags May Appear Following CONC Values: c for
Calm Hours

m for
Missing Hours

b for
Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 87.00 ;
Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: HSR_B-
LA_CO_Main_Street_Construction_Area.err

**File for Summary of Results: HSR_B-
LA_CO_Main_Street_Construction_Area.sum

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

*** AREAPOLY SOURCE DATA

NUMBER	NUMBER	EMISSION	RATE	LOCATION OF AREA		BASE	RELEASE
SOURCE	INIT.	URBAN	EMISSION				
OF VERTS.	PART.	(GRAMS/SEC	RATE	X	Y	ELEV.	HEIGHT
ID	SZ	SOURCE	SCALAR	VARY			
(METERS)	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	BY						
PAREA1	0	0.23110E-03	386902.0	3770800.9		96.4	3.00
27	0.00	YES	HRDOW7				
PAREA2	0	0.10210E-03	386586.4	3770167.5		91.1	3.00
30	0.00	YES	HRDOW7				
PAREA3	0	0.48336E-05	386955.0	3769991.1		92.7	3.00
34	0.00	YES	HRDOW7				

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

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

ALL	PAREA1	,	PAREA2	,	PAREA3	,
-----	--------	---	--------	---	--------	---

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN

SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
	800000.	PAREA1 , PAREA2 , PAREA3 ,

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = MONDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = TUESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = WEDNESDY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = THURSDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = FRIDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10

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		

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :

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

9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13
.0000E+00	14	.0000E+00	15	.0000E+00	16	.0000E+00		
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21
.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00		

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA3 ; SOURCE TYPE = AREAPOLY :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = MONDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = TUESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = WEDNESDY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = THURSDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = FRIDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.1000E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10

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			

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(386838.3, 3770355.0,	92.9,	171.3,	0.0);	(
386823.6, 3770373.6,	93.6,	171.3,	0.0);	(
(386824.6, 3770402.1,	93.7,	171.3,	0.0);	(
386844.9, 3770419.1,	93.5,	171.3,	0.0);	(
(386873.6, 3770436.1,	93.5,	171.3,	0.0);	(
386903.5, 3770443.1,	93.7,	171.3,	0.0);	(
(386926.7, 3770464.5,	93.8,	171.3,	0.0);	(
386925.4, 3770501.9,	93.5,	171.3,	0.0);	(
(386920.9, 3770526.3,	93.2,	171.3,	0.0);	(
386916.4, 3770550.7,	93.4,	171.3,	0.0);	(
(386911.9, 3770575.0,	93.5,	171.3,	0.0);	(
386907.4, 3770599.4,	93.5,	171.3,	0.0);	(
(386903.0, 3770623.8,	95.2,	171.3,	0.0);	(
386898.0, 3770647.6,	95.5,	171.3,	0.0);	(
(386893.0, 3770672.0,	95.6,	171.3,	0.0);	(
386887.9, 3770696.3,	95.7,	171.3,	0.0);	(
(386882.9, 3770720.7,	95.6,	171.3,	0.0);	(
386877.8, 3770745.1,	95.6,	189.6,	0.0);	(
(386872.8, 3770769.5,	95.9,	189.6,	0.0);	(
386867.8, 3770793.8,	96.6,	189.7,	0.0);	(
(386880.5, 3770818.6,	96.9,	189.7,	0.0);	(
386904.8, 3770825.7,	96.4,	189.6,	0.0);	(
(386948.2, 3770807.2,	87.8,	189.7,	0.0);	(
386952.3, 3770784.3,	87.1,	189.7,	0.0);	(
(386956.4, 3770761.5,	87.2,	189.7,	0.0);	(
386960.5, 3770738.6,	86.4,	189.7,	0.0);	(
(386964.6, 3770715.7,	86.6,	189.6,	0.0);	(
386968.6, 3770692.8,	85.7,	189.5,	0.0);	(
(386972.7, 3770670.0,	86.1,	171.3,	0.0);	(
386976.8, 3770647.1,	85.0,	171.3,	0.0);	(
(386980.9, 3770624.2,	85.5,	171.3,	0.0);	(
386985.0, 3770601.3,	84.5,	171.3,	0.0);	(
(386989.1, 3770578.5,	84.5,	171.3,	0.0);	(
386993.2, 3770555.6,	84.3,	171.3,	0.0);	(
(386997.2, 3770532.7,	84.2,	171.3,	0.0);	(
387000.4, 3770507.9,	84.1,	171.3,	0.0);	(
(387003.3, 3770484.3,	84.0,	171.3,	0.0);	(
387003.0, 3770460.5,	83.9,	171.3,	0.0);	(
(387002.0, 3770420.3,	83.8,	171.3,	0.0);	(
387028.5, 3770421.8,	83.8,	171.3,	0.0);	(

(387062.9, 3770410.8,	93.8,	93.8,	0.0);	(
387099.0, 3770394.1,	92.9,	92.9,	0.0);	
(387108.6, 3770421.8,	92.8,	92.8,	0.0);	(
387127.0, 3770437.5,	92.8,	92.8,	0.0);	
(387164.8, 3770431.0,	92.8,	92.8,	0.0);	(
387176.6, 3770410.8,	93.1,	93.1,	0.0);	
(387188.4, 3770390.5,	93.3,	93.3,	0.0);	(
387200.1, 3770370.3,	93.0,	93.0,	0.0);	
(387211.9, 3770350.0,	92.9,	92.9,	0.0);	(
387223.7, 3770329.8,	92.8,	92.8,	0.0);	
(387235.4, 3770309.5,	92.7,	92.7,	0.0);	(
387202.6, 3770319.3,	92.7,	92.7,	0.0);	
(387261.5, 3770348.7,	92.7,	92.7,	0.0);	(
387311.0, 3770347.5,	92.6,	92.6,	0.0);	
(387318.2, 3770316.2,	92.7,	92.7,	0.0);	(
387320.1, 3770274.1,	93.0,	93.0,	0.0);	
(387344.0, 3770255.9,	92.8,	92.8,	0.0);	(
387375.5, 3770219.0,	92.2,	92.2,	0.0);	
(387367.6, 3770183.7,	91.8,	91.8,	0.0);	(
387334.5, 3770165.6,	91.6,	91.6,	0.0);	
(387311.6, 3770174.1,	91.8,	91.8,	0.0);	(
387288.8, 3770182.6,	92.1,	92.1,	0.0);	
(387265.9, 3770191.1,	92.6,	92.6,	0.0);	(
387243.0, 3770199.6,	92.5,	92.5,	0.0);	
(387220.1, 3770208.1,	92.1,	92.1,	0.0);	(
387197.3, 3770216.6,	91.9,	91.9,	0.0);	
(387174.4, 3770225.1,	92.0,	92.0,	0.0);	(
387151.5, 3770233.6,	92.2,	92.2,	0.0);	
(387128.6, 3770242.1,	92.2,	92.2,	0.0);	(
387105.8, 3770250.6,	92.2,	92.2,	0.0);	
(387082.9, 3770259.1,	91.9,	91.9,	0.0);	(
387077.4, 3770236.9,	91.8,	91.8,	0.0);	
(387069.9, 3770213.6,	91.6,	91.6,	0.0);	(
387062.3, 3770190.4,	91.5,	91.5,	0.0);	
(387054.8, 3770167.2,	91.3,	91.3,	0.0);	(
387047.2, 3770144.0,	91.2,	91.2,	0.0);	
(387039.7, 3770120.7,	91.0,	91.0,	0.0);	(
387032.2, 3770097.5,	90.9,	90.9,	0.0);	
(387024.6, 3770074.3,	90.7,	90.7,	0.0);	(
387017.1, 3770051.0,	90.5,	90.5,	0.0);	
(387009.5, 3770027.8,	90.3,	90.3,	0.0);	(
387002.0, 3770004.6,	90.2,	90.2,	0.0);	
(386994.5, 3769981.4,	90.2,	90.2,	0.0);	(
386993.0, 3769948.2,	90.2,	90.2,	0.0);	
(386994.1, 3769917.1,	90.1,	102.5,	0.0);	(
386999.3, 3769883.1,	89.9,	102.5,	0.0);	
(387012.5, 3769860.8,	90.5,	102.5,	0.0);	(
387029.9, 3769841.9,	90.2,	102.5,	0.0);	
(387063.8, 3769817.1,	90.3,	102.5,	0.0);	(
387088.5, 3769812.4,	90.3,	102.5,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(387121.5, 3769809.2,	90.6,	90.6,	0.0);	(
387163.1, 3769797.7,	91.1,	91.1,	0.0);	(
(387173.5, 3769763.0,	91.2,	91.2,	0.0);	(
387152.5, 3769732.9,	91.2,	91.2,	0.0);	(
(387128.3, 3769729.7,	91.0,	91.0,	0.0);	(
387104.1, 3769726.4,	91.0,	91.0,	0.0);	(
(387079.9, 3769723.1,	91.0,	91.0,	0.0);	(
387055.7, 3769719.9,	91.1,	102.5,	0.0);	(
(387031.5, 3769716.6,	88.7,	102.5,	0.0);	(
387007.4, 3769713.3,	91.2,	102.5,	0.0);	(
(386968.5, 3769707.5,	91.2,	102.5,	0.0);	(
386943.2, 3769692.5,	91.3,	100.9,	0.0);	(
(386921.2, 3769675.2,	91.3,	91.3,	0.0);	(
386895.3, 3769645.1,	91.3,	91.3,	0.0);	(
(386879.7, 3769608.1,	91.2,	91.2,	0.0);	(
386876.5, 3769578.4,	91.1,	91.1,	0.0);	(
(386875.1, 3769540.1,	91.1,	91.1,	0.0);	(
386876.0, 3769515.6,	91.1,	91.1,	0.0);	(
(386861.9, 3769494.0,	90.9,	90.9,	0.0);	(
386836.2, 3769487.8,	89.8,	89.8,	0.0);	(
(386813.4, 3769501.0,	83.3,	91.1,	0.0);	(
386806.7, 3769522.8,	81.6,	91.2,	0.0);	(
(386803.2, 3769560.8,	81.9,	91.2,	0.0);	(
386800.6, 3769605.3,	82.7,	91.4,	0.0);	(
(386803.7, 3769633.4,	83.9,	91.7,	0.0);	(
386806.6, 3769656.9,	83.8,	91.9,	0.0);	(
(386819.1, 3769684.1,	88.0,	91.9,	0.0);	(
386842.9, 3769691.0,	91.5,	91.5,	0.0);	(
(386793.9, 3769685.8,	80.2,	102.5,	0.0);	(
386769.4, 3769683.2,	80.2,	100.9,	0.0);	(
(386744.9, 3769680.6,	84.9,	92.0,	0.0);	(
386720.4, 3769678.0,	91.8,	91.8,	0.0);	(
(386697.6, 3769691.5,	91.5,	91.5,	0.0);	(
386691.0, 3769715.4,	91.9,	91.9,	0.0);	(
(386709.6, 3769742.7,	91.6,	91.6,	0.0);	(
386731.8, 3769748.3,	91.7,	91.7,	0.0);	(
(386753.9, 3769753.9,	91.3,	91.3,	0.0);	(
386798.1, 3769765.1,	80.6,	102.5,	0.0);	(
(386820.3, 3769770.8,	80.6,	102.5,	0.0);	(
386842.4, 3769776.3,	82.5,	102.5,	0.0);	(

(386864.5, 3769782.0,	91.1,	102.1,	0.0);	(
386861.6, 3769812.3,	85.1,	102.5,	0.0);	
(386869.0, 3769835.8,	84.6,	102.5,	0.0);	(
386876.5, 3769859.3,	84.1,	102.5,	0.0);	
(386883.9, 3769882.9,	83.5,	102.5,	0.0);	(
386891.3, 3769906.4,	83.0,	102.5,	0.0);	
(386898.7, 3769929.9,	82.9,	102.5,	0.0);	(
386906.1, 3769953.5,	82.7,	102.5,	0.0);	
(386913.5, 3769977.0,	82.5,	102.5,	0.0);	(
386921.9, 3770000.9,	82.6,	102.1,	0.0);	
(386930.0, 3770024.0,	82.6,	93.4,	0.0);	(
386938.1, 3770047.1,	82.6,	93.6,	0.0);	
(386946.2, 3770070.2,	82.5,	93.7,	0.0);	(
386954.4, 3770093.3,	82.5,	93.8,	0.0);	
(386962.5, 3770116.4,	82.4,	93.9,	0.0);	(
386970.6, 3770139.5,	82.4,	94.0,	0.0);	
(386978.7, 3770162.6,	82.5,	94.0,	0.0);	(
386986.9, 3770185.8,	82.6,	94.0,	0.0);	
(386995.0, 3770208.9,	82.8,	94.3,	0.0);	(
387003.1, 3770232.0,	82.9,	94.3,	0.0);	
(387011.2, 3770255.1,	83.1,	94.3,	0.0);	(
387019.4, 3770278.2,	83.2,	94.3,	0.0);	
(386983.2, 3770288.3,	83.2,	171.0,	0.0);	(
386994.3, 3770310.3,	83.2,	171.3,	0.0);	
(386978.3, 3770264.3,	83.1,	94.3,	0.0);	(
386970.3, 3770241.3,	83.0,	94.3,	0.0);	
(386962.3, 3770218.4,	82.8,	94.0,	0.0);	(
386954.3, 3770195.4,	82.7,	94.0,	0.0);	
(386946.3, 3770172.4,	82.6,	94.0,	0.0);	(
386938.3, 3770149.4,	82.5,	93.9,	0.0);	
(386930.3, 3770126.4,	82.4,	93.8,	0.0);	(
386922.3, 3770103.5,	82.2,	93.7,	0.0);	
(386914.3, 3770080.5,	82.1,	93.7,	0.0);	(
386906.3, 3770057.5,	82.0,	93.6,	0.0);	
(386898.3, 3770034.5,	81.9,	93.3,	0.0);	(
386890.3, 3770011.5,	81.8,	93.2,	0.0);	
(386882.3, 3769988.6,	81.7,	102.1,	0.0);	(
386874.3, 3769965.6,	81.6,	102.5,	0.0);	
(386866.3, 3769942.6,	81.5,	102.5,	0.0);	(
386858.3, 3769919.6,	81.3,	102.5,	0.0);	
(386850.3, 3769896.6,	81.2,	102.5,	0.0);	(
386842.3, 3769873.6,	81.1,	102.5,	0.0);	
(386834.3, 3769850.7,	81.0,	102.5,	0.0);	(
386826.3, 3769827.7,	80.9,	102.5,	0.0);	
(386818.3, 3769804.7,	80.8,	102.5,	0.0);	(
386758.6, 3769843.5,	90.3,	92.0,	0.0);	
(386787.6, 3769786.7,	82.4,	102.5,	0.0);	(
386652.3, 3769693.3,	91.3,	91.3,	0.0);	
(386614.0, 3769685.5,	91.0,	91.0,	0.0);	(
386590.2, 3769681.8,	90.8,	90.8,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(386566.6, 3769683.8,	91.0,	91.0,	0.0);	(
386544.1, 3769704.2,	91.2,	91.2,	0.0);	(
(386552.2, 3769749.7,	89.0,	91.1,	0.0);	(
386577.9, 3769758.1,	88.9,	88.9,	0.0);	(
(386613.2, 3769764.6,	88.8,	88.8,	0.0);	(
386646.1, 3769772.3,	88.8,	88.8,	0.0);	(
(386674.2, 3769783.5,	89.1,	89.1,	0.0);	(
386704.0, 3769806.8,	89.3,	89.3,	0.0);	(
(386721.6, 3769824.4,	89.5,	89.5,	0.0);	(
386736.1, 3769846.5,	89.5,	89.5,	0.0);	(
(386746.0, 3769868.1,	89.6,	89.6,	0.0);	(
386755.8, 3769889.6,	89.8,	89.8,	0.0);	(
(386769.7, 3769932.4,	90.0,	90.0,	0.0);	(
386777.1, 3769955.0,	90.2,	90.2,	0.0);	(
(386784.6, 3769977.7,	90.2,	90.2,	0.0);	(
386792.0, 3770000.3,	90.4,	90.4,	0.0);	(
(386799.5, 3770023.0,	90.6,	90.6,	0.0);	(
386806.9, 3770045.6,	90.6,	90.6,	0.0);	(
(386814.4, 3770068.3,	91.1,	91.1,	0.0);	(
386821.8, 3770090.9,	91.5,	91.5,	0.0);	(
(386829.3, 3770113.6,	91.4,	91.4,	0.0);	(
386836.7, 3770136.2,	91.5,	91.5,	0.0);	(
(386844.2, 3770158.9,	91.6,	91.6,	0.0);	(
386851.6, 3770181.5,	91.7,	91.7,	0.0);	(
(386859.1, 3770204.2,	91.6,	91.6,	0.0);	(
386866.5, 3770226.8,	91.7,	91.7,	0.0);	(
(386874.0, 3770249.5,	92.2,	92.2,	0.0);	(
386881.4, 3770272.1,	92.4,	92.4,	0.0);	(
(386888.9, 3770294.8,	92.8,	92.8,	0.0);	(
386896.3, 3770317.4,	92.7,	92.7,	0.0);	(
(386917.3, 3770305.5,	93.0,	93.0,	0.0);	(
386846.3, 3770260.3,	92.3,	92.3,	0.0);	(
(386826.2, 3770248.2,	91.9,	91.9,	0.0);	(
386806.1, 3770236.1,	91.5,	91.5,	0.0);	(
(386786.0, 3770223.9,	91.4,	91.4,	0.0);	(
386765.9, 3770211.8,	91.3,	91.3,	0.0);	(
(386745.8, 3770199.7,	91.3,	91.3,	0.0);	(
386725.8, 3770187.5,	91.2,	91.2,	0.0);	(
(386705.6, 3770175.4,	90.8,	90.8,	0.0);	(
386685.5, 3770163.3,	91.1,	91.1,	0.0);	(

(386665.5, 3770151.1,	91.0,	91.0,	0.0);	(
386645.4, 3770139.0,	91.0,	91.0,	0.0);	
(386625.3, 3770126.9,	90.8,	90.8,	0.0);	(
386605.2, 3770114.8,	90.8,	90.8,	0.0);	
(386571.6, 3770122.0,	91.0,	164.9,	0.0);	(
386550.1, 3770153.4,	90.8,	165.1,	0.0);	
(386557.6, 3770188.9,	92.3,	165.1,	0.0);	(
386577.8, 3770201.1,	92.1,	165.1,	0.0);	
(386597.9, 3770213.4,	92.2,	165.1,	0.0);	(
386618.0, 3770225.7,	92.7,	165.1,	0.0);	
(386638.2, 3770238.0,	92.6,	165.1,	0.0);	(
386658.3, 3770250.3,	92.3,	165.1,	0.0);	
(386678.4, 3770262.6,	92.2,	165.1,	0.0);	(
386698.6, 3770274.9,	92.4,	165.1,	0.0);	
(386718.7, 3770287.2,	92.5,	165.1,	0.0);	(
386738.8, 3770299.4,	92.4,	165.1,	0.0);	
(386759.0, 3770311.7,	92.5,	165.1,	0.0);	(
386779.1, 3770324.0,	93.0,	170.4,	0.0);	
(386799.2, 3770336.3,	93.2,	170.9,	0.0);	(
386592.2, 3770136.1,	91.0,	164.9,	0.0);	
(386913.8, 3770330.3,	93.0,	93.0,	0.0);	(
386927.5, 3770332.2,	93.3,	93.3,	0.0);	
(386778.5, 3769879.3,	91.3,	91.3,	0.0);	(
386758.9, 3769836.1,	90.8,	91.8,	0.0);	
(386739.3, 3769806.7,	90.4,	92.0,	0.0);	(
386704.0, 3769771.4,	91.2,	91.2,	0.0);	
(386668.7, 3769751.8,	91.1,	91.3,	0.0);	(
386617.7, 3769740.1,	90.7,	90.7,	0.0);	
(386564.8, 3769730.3,	91.1,	91.1,	0.0);	(
386568.7, 3769708.7,	91.3,	91.3,	0.0);	
(386592.2, 3769706.7,	91.2,	91.2,	0.0);	(
386643.2, 3769716.5,	91.5,	91.5,	0.0);	
(386688.3, 3769734.2,	91.7,	91.7,	0.0);	(
386723.6, 3769753.8,	91.7,	91.7,	0.0);	
(386764.8, 3769796.9,	91.6,	91.6,	0.0);	(
386782.4, 3769836.1,	91.7,	91.7,	0.0);	
(386757.0, 3769753.8,	90.8,	91.7,	0.0);	(
386770.7, 3769744.0,	82.7,	100.9,	0.0);	
(386970.7, 3770318.5,	89.5,	94.2,	0.0);	(
387051.1, 3770293.0,	94.1,	94.1,	0.0);	
(386937.3, 3769969.5,	92.4,	92.4,	0.0);	(
386870.7, 3769757.7,	92.0,	100.9,	0.0);	
(386715.8, 3769718.5,	91.9,	91.9,	0.0);	(
386717.7, 3769702.8,	92.0,	92.0,	0.0);	
(386864.8, 3769718.5,	91.5,	91.5,	0.0);	(
386851.1, 3769691.0,	91.5,	91.5,	0.0);	
(386831.5, 3769653.8,	91.1,	91.1,	0.0);	(
386825.6, 3769606.7,	90.8,	90.8,	0.0);	
(386829.5, 3769540.1,	90.2,	90.2,	0.0);	(
386833.4, 3769512.6,	90.0,	90.0,	0.0);	

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(386851.1, 3769514.6,	90.4,	90.4,	0.0);	(
386849.1, 3769563.6,	91.0,	91.0,	0.0);	(
(386857.0, 3769618.5,	91.1,	91.1,	0.0);	(
386876.6, 3769661.6,	91.1,	91.1,	0.0);	(
(386906.0, 3769695.0,	91.3,	100.9,	0.0);	(
386931.5, 3769714.6,	91.3,	102.5,	0.0);	(
(386964.8, 3769732.2,	91.3,	102.5,	0.0);	(
387004.0, 3769738.1,	91.3,	102.5,	0.0);	(
(387149.1, 3769757.7,	91.4,	91.4,	0.0);	(
387143.2, 3769785.2,	91.3,	91.3,	0.0);	(
(387102.0, 3769783.2,	91.1,	91.1,	0.0);	(
387062.8, 3769793.0,	91.0,	102.5,	0.0);	(
(387049.1, 3769796.9,	88.4,	102.5,	0.0);	(
386998.1, 3769834.2,	91.1,	102.5,	0.0);	(
(386974.6, 3769879.3,	90.4,	102.5,	0.0);	(
386966.8, 3769930.3,	90.3,	102.1,	0.0);	(
(386970.7, 3769989.1,	91.2,	92.6,	0.0);	(
387068.7, 3770291.0,	93.6,	93.6,	0.0);	(
(387343.2, 3770189.1,	91.7,	91.7,	0.0);	(
387351.1, 3770224.4,	92.3,	92.3,	0.0);	(
(387296.2, 3770251.8,	92.2,	92.2,	0.0);	(
387292.2, 3770336.1,	92.4,	92.4,	0.0);	(
(387213.8, 3770296.9,	92.7,	92.7,	0.0);	(
387143.2, 3770418.5,	92.7,	92.7,	0.0);	(
(387088.3, 3770371.4,	93.1,	93.1,	0.0);	(
387055.0, 3770387.1,	91.2,	94.0,	0.0);	(
(387025.6, 3770396.9,	83.7,	171.3,	0.0);	(
386992.2, 3770400.9,	84.1,	171.3,	0.0);	(
(386976.6, 3770400.9,	92.3,	171.3,	0.0);	(
386978.5, 3770481.2,	91.6,	171.3,	0.0);	(
(386972.6, 3770528.3,	94.3,	171.3,	0.0);	(
386923.6, 3770802.8,	95.0,	189.2,	0.0);	(
(386892.2, 3770798.9,	96.5,	189.6,	0.0);	(
386927.5, 3770628.3,	95.2,	171.3,	0.0);	(
(386958.9, 3770457.7,	93.8,	171.3,	0.0);	(
386907.9, 3770418.5,	93.0,	171.3,	0.0);	(
(386886.4, 3770414.6,	93.0,	171.3,	0.0);	(
386843.2, 3770389.1,	93.1,	171.3,	0.0);	(
(386872.6, 3770351.8,	92.5,	171.2,	0.0);	(
386570.7, 3770167.5,	91.5,	165.1,	0.0);	(

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF

METEOROLOGICAL DATA ***

Surface file: CELA_v9.SFC
 Met Version: 16216
 Profile file: CELA_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 93134 Upper air station no.:
 3190
 Name: UNKNOWN Name:
 UNKNOWN Year: 2010 Year:
 2010

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					
10	01	01	1	01	-33.0	0.331	-9.000	-9.000	-999.	456.	120.2	0.56	
0.86	1.00			3.10	38.	21.3	284.9	17.7					
10	01	01	1	02	-26.9	0.285	-9.000	-9.000	-999.	367.	89.6	0.56	
0.86	1.00			2.70	38.	21.3	284.2	17.7					
10	01	01	1	03	-38.6	0.387	-9.000	-9.000	-999.	577.	164.6	0.56	
0.86	1.00			3.60	35.	21.3	284.2	17.7					
10	01	01	1	04	-33.0	0.331	-9.000	-9.000	-999.	458.	120.2	0.56	
0.86	1.00			3.10	34.	21.3	283.8	17.7					
10	01	01	1	05	-33.1	0.331	-9.000	-9.000	-999.	456.	120.2	0.56	
0.86	1.00			3.10	37.	21.3	283.1	17.7					
10	01	01	1	06	-38.7	0.387	-9.000	-9.000	-999.	577.	164.5	0.56	
0.86	1.00			3.60	24.	21.3	283.1	17.7					
10	01	01	1	07	-38.6	0.387	-9.000	-9.000	-999.	577.	164.5	0.56	
0.86	1.00			3.60	35.	21.3	283.8	17.7					
10	01	01	1	08	-29.6	0.435	-9.000	-9.000	-999.	688.	251.8	0.56	
0.86	0.55			4.00	35.	21.3	283.8	17.7					
10	01	01	1	09	30.0	0.426	0.367	0.008	59.	666.	-232.0	0.56	
0.86	0.32			3.60	38.	21.3	286.4	17.7					
10	01	01	1	10	72.3	0.359	0.629	0.008	124.	519.	-57.8	0.56	
0.86	0.24			2.70	34.	21.3	290.4	17.7					
10	01	01	1	11	104.4	0.321	0.998	0.008	344.	437.	-28.6	0.56	
0.86	0.21			2.20	43.	21.3	292.5	17.7					
10	01	01	1	12	115.1	0.283	1.156	0.008	484.	363.	-17.9	0.56	
0.86	0.20			1.80	62.	21.3	295.9	17.7					
10	01	01	1	13	91.4	0.406	1.130	0.008	568.	622.	-66.2	0.56	
0.86	0.20			3.10	263.	21.3	294.2	17.7					

10	01	01	1	14	89.3	0.316	1.168	0.008	642.	432.	-31.9	0.56
0.86	0.21			2.20	259.	21.3	294.9	17.7				
10	01	01	1	15	42.6	0.295	0.928	0.008	675.	384.	-54.0	0.56
0.86	0.25			2.20	267.	21.3	294.9	17.7				
10	01	01	1	16	12.0	0.359	0.609	0.008	680.	516.	-347.9	0.56
0.86	0.33			3.10	264.	21.3	292.5	17.7				
10	01	01	1	17	-15.7	0.231	-9.000	-9.000	-999.	276.	70.7	0.56
0.86	0.60			2.20	288.	21.3	290.9	17.7				
10	01	01	1	18	-6.1	0.135	-9.000	-9.000	-999.	124.	36.7	0.56
0.86	1.00			1.30	344.	21.3	289.2	17.7				
10	01	01	1	19	-11.4	0.184	-9.000	-9.000	-999.	190.	49.2	0.56
0.86	1.00			1.80	2.	21.3	288.8	17.7				
10	01	01	1	20	-17.4	0.229	-9.000	-9.000	-999.	263.	62.1	0.56
0.86	1.00			2.20	22.	21.3	288.1	17.7				
10	01	01	1	21	-17.4	0.229	-9.000	-9.000	-999.	263.	61.9	0.56
0.86	1.00			2.20	40.	21.3	287.0	17.7				
10	01	01	1	22	-11.5	0.184	-9.000	-9.000	-999.	190.	49.1	0.56
0.86	1.00			1.80	306.	21.3	287.0	17.7				
10	01	01	1	23	-11.5	0.184	-9.000	-9.000	-999.	190.	49.0	0.56
0.86	1.00			1.80	45.	21.3	286.4	17.7				
10	01	01	1	24	-11.5	0.184	-9.000	-9.000	-999.	190.	49.0	0.56
0.86	1.00			1.80	67.	21.3	286.4	17.7				

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	17.7	0	-999.	-99.00	284.9	99.0	-99.00	-99.00
10	01	01	01	21.3	1	38.	3.10	-999.0	99.0	-99.00	-99.00

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
386838.30	3770354.97	826.14327	(15063006)	
386823.60	3770373.60	649.21622	(15063006)	
386824.57	3770402.14	548.82365	(15063006)	
386844.88	3770419.11	564.99454	(15063006)	
386873.64	3770436.10	614.29764	(16052406)	
386903.46	3770443.10	786.24917	(16052406)	
386926.67	3770464.46	722.64943	(14062606)	
386925.36	3770501.94	652.80018	(16031406)	
386920.88	3770526.31	581.41661	(14062606)	
386916.40	3770550.68	567.15070	(14062606)	
386911.92	3770575.05	560.32150	(14062606)	
386907.43	3770599.42	559.27820	(14062606)	
386902.95	3770623.79	584.95365	(14062606)	
386898.02	3770647.61	522.86618	(14062606)	
386892.97	3770671.98	592.54899	(15061906)	
386887.93	3770696.35	553.10376	(14062606)	
386882.89	3770720.72	560.02463	(14062606)	
386877.84	3770745.09	600.82483	(14072106)	
386872.80	3770769.46	755.00556	(14090106)	
386867.76	3770793.83	543.38590	(14062606)	
386880.53	3770818.58	564.18332	(16052406)	
386904.83	3770825.67	664.33557	(14061006)	
386948.22	3770807.21	576.61088	(16063006)	
386952.31	3770784.34	572.71191	(16063006)	
386956.39	3770761.46	566.69397	(16063006)	
386960.48	3770738.59	566.28146	(16063006)	
386964.56	3770715.71	575.44911	(16063006)	
386968.65	3770692.84	573.67000	(16063006)	
386972.73	3770669.96	576.79969	(16063006)	
386976.82	3770647.08	598.34733	(16063006)	

	386980.90	3770624.21	591.87623	(16063006)
386984.99	3770601.33	597.91344	(16063006)	
	386989.07	3770578.46	610.98338	(16060306)
386993.16	3770555.58	632.59130	(16060306)	
	386997.24	3770532.70	654.63937	(16060306)
387000.38	3770507.88	689.53147	(16060306)	
	387003.33	3770484.35	724.13075	(16060306)
387003.02	3770460.54	811.05221	(16060306)	
	387002.04	3770420.35	1032.09381	(16070106)
387028.50	3770421.77	903.15282	(16070106)	
	387062.90	3770410.85	876.11219	(16070106)
387098.96	3770394.07	806.22784	(16060906)	
	387108.65	3770421.80	635.33214	(16060906)
387126.95	3770437.48	544.75778	(16060906)	
	387164.84	3770431.05	483.76797	(16060906)
387176.60	3770410.79	492.14170	(16060906)	
	387188.37	3770390.53	498.10661	(16060906)
387200.13	3770370.27	503.26249	(14072906)	
	387211.90	3770350.01	513.96290	(14072906)
387223.66	3770329.75	545.44526	(14032507)	
	387235.43	3770309.49	566.45139	(14032507)
387202.63	3770319.30	696.69203	(14032507)	
	387261.45	3770348.71	395.31750	(14032507)
387311.05	3770347.51	329.19753	(14032507)	
	387318.19	3770316.23	362.41706	(14032507)
387320.15	3770274.08	430.41090	(14032507)	
	387343.95	3770255.90	466.68089	(14072906)
387375.47	3770218.96	482.53721	(14021808)	
	387367.62	3770183.66	433.37864	(16070406)
387334.52	3770165.65	415.75672	(14041506)	
	387311.64	3770174.15	423.00835	(15061106)
387288.76	3770182.65	434.16461	(15061106)	
	387265.89	3770191.14	435.56663	(15061106)
387243.01	3770199.64	452.41283	(15061106)	
	387220.14	3770208.14	463.72192	(15061106)
387197.26	3770216.63	490.52819	(15061106)	
	387174.38	3770225.13	504.97933	(14060506)
387151.51	3770233.63	500.24703	(14060506)	
	387128.63	3770242.12	486.30771	(14060506)
387105.76	3770250.62	491.40970	(14060506)	
	387082.88	3770259.12	527.56407	(14060506)
387077.41	3770236.87	474.06480	(14060506)	
	387069.86	3770213.65	430.12871	(14060506)
387062.32	3770190.42	398.36538	(14021908)	
	387054.78	3770167.19	372.69542	(14060406)
387047.24	3770143.96	352.46791	(14060406)	
	387039.70	3770120.74	335.42812	(16062406)
387032.16	3770097.51	321.79650	(16062406)	
	387024.61	3770074.28	311.47891	(16062406)
387017.07	3770051.05	302.18861	(16062406)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)		
387009.53	3770027.83	296.62752	(16062406)		
387001.99	3770004.60	277.63971	(14060606)		
386994.45	3769981.37	270.58597	(14021908)		
386993.00	3769948.21	262.79208	(14021908)		
386994.08	3769917.08	258.58200	(14021908)		
386999.31	3769883.09	242.77734	(14080506)		
387012.45	3769860.78	248.75424	(16062406)		
387029.87	3769841.95	227.32012	(15061806)		
387063.85	3769817.11	198.95352	(15033007)		
387088.50	3769812.36	189.25437	(16062406)		
387121.45	3769809.16	179.76716	(16062406)		
387163.07	3769797.70	168.48712	(14060406)		
387173.55	3769762.96	160.68235	(14021908)		
387152.46	3769732.95	164.09667	(14021908)		
387128.27	3769729.68	173.02855	(14021908)		
387104.09	3769726.41	184.46490	(14060406)		
387079.91	3769723.14	197.29663	(14060406)		
387055.72	3769719.87	209.87764	(14060406)		
387031.54	3769716.60	222.46696	(16062406)		
387007.36	3769713.34	237.32800	(16062406)		
386968.50	3769707.51	255.48332	(16062406)		
386943.16	3769692.49	258.40356	(14070706)		
386921.21	3769675.16	258.00282	(14070706)		
386895.31	3769645.10	251.55377	(14070706)		
386879.71	3769608.15	236.99064	(14070706)		
386876.46	3769578.36	223.33504	(14070706)		
386875.06	3769540.09	208.83712	(14070706)		
386876.05	3769515.58	197.67409	(14070706)		
386861.93	3769494.01	193.46196	(15061606)		
386836.18	3769487.77	197.65391	(15062506)		

	386813.39	3769500.97	207.39767	(16062906)
386806.71	3769522.81	218.16260	(16062906)	
	386803.24	3769560.83	236.43412	(16062906)
386800.62	3769605.27	260.84464	(16062906)	
	386803.71	3769633.37	276.52678	(16062906)
386806.65	3769656.90	290.02243	(16062906)	
	386819.14	3769684.07	306.74202	(16062906)
386842.93	3769691.03	299.06161	(15070106)	
	386793.91	3769685.80	320.80336	(16062906)
386769.40	3769683.19	345.16242	(16062906)	
	386744.89	3769680.57	384.14928	(16062906)
386720.38	3769677.96	436.18515	(15061506)	
	386697.56	3769691.47	543.88488	(10071306)
386690.96	3769715.40	769.47333	(10071306)	
	386709.63	3769742.74	932.01459	(16062906)
386731.76	3769748.34	758.13660	(16062906)	
	386753.89	3769753.94	612.92577	(16062906)
386798.15	3769765.15	407.64491	(16062906)	
	386820.28	3769770.75	371.00108	(16062906)
386842.41	3769776.35	352.90583	(15062506)	
	386864.53	3769781.96	351.50622	(15070106)
386861.64	3769812.29	396.40140	(14070706)	
	386869.05	3769835.81	402.52942	(14060406)
386876.46	3769859.34	381.65899	(15052106)	
	386883.86	3769882.87	400.22437	(14060506)
386891.27	3769906.40	366.30985	(16051206)	
	386898.68	3769929.93	369.35837	(15033007)
386906.09	3769953.46	374.92365	(14070706)	
	386913.49	3769976.99	376.21060	(14070706)
386921.88	3770000.88	397.81111	(16072806)	
	386930.00	3770023.99	405.02073	(16072806)
386938.13	3770047.10	405.68318	(16072806)	
	386946.25	3770070.21	404.42508	(15061106)
386954.37	3770093.32	400.52086	(15061106)	
	386962.50	3770116.43	394.57820	(14060506)
386970.62	3770139.54	402.81472	(16062406)	
	386978.74	3770162.65	400.56241	(14021908)
386986.87	3770185.75	424.50161	(14060406)	
	386994.99	3770208.86	490.46465	(16062406)
387003.11	3770231.97	532.39986	(16062406)	
	387011.24	3770255.08	594.43096	(14060406)
387019.36	3770278.19	709.04733	(14021908)	
	386983.21	3770288.30	819.08139	(16062406)
386994.28	3770310.28	1043.24956	(14060406)	
	386978.28	3770264.32	655.01348	(16062406)
386970.28	3770241.34	574.05676	(16062406)	
	386962.28	3770218.36	553.09745	(14070706)
386954.28	3770195.38	533.15965	(14032507)	
	386946.28	3770172.40	511.55711	(16062406)
386938.28	3770149.42	499.01646	(14070706)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
386930.28	3770126.44	480.03731	(14070706)	
386922.28	3770103.46	470.00029	(14070706)	
386914.28	3770080.48	477.04702	(14111207)	
386906.28	3770057.50	468.77968	(14111207)	
386898.28	3770034.52	506.71405	(16072606)	
386890.28	3770011.54	501.99642	(16072606)	
386882.28	3769988.56	469.44567	(16072606)	
386874.28	3769965.57	457.61256	(14070706)	
386866.28	3769942.59	447.79799	(16062406)	
386858.28	3769919.61	459.85632	(14111207)	
386850.28	3769896.63	445.40588	(16040706)	
386842.28	3769873.65	433.00400	(15062506)	
386834.28	3769850.67	425.86530	(14070706)	
386826.28	3769827.69	392.50829	(15061506)	
386818.28	3769804.71	421.95594	(15061606)	
386758.56	3769843.54	694.15778	(15062406)	
386787.59	3769786.67	477.98116	(16062906)	
386652.33	3769693.26	694.01020	(15062406)	
386613.95	3769685.46	701.61720	(15062406)	
386590.16	3769681.83	679.77182	(14120406)	
386566.63	3769683.79	614.76501	(14061206)	
386544.11	3769704.23	583.07942	(15020908)	
386552.23	3769749.66	412.03853	(14090106)	
386577.89	3769758.12	421.85197	(15063006)	
386613.18	3769764.65	422.44691	(14062606)	
386646.09	3769772.28	446.13730	(14062606)	
386674.22	3769783.50	459.49847	(14062606)	
386703.97	3769806.77	447.59212	(14061006)	
386721.62	3769824.42	433.87081	(14061206)	
386736.15	3769846.50	475.92130	(14061206)	

	386745.96	3769868.07	498.09244	(14061206)
386755.76	3769889.64	528.86916	(14061206)	
	386769.67	3769932.40	548.96256	(14061206)
386777.13	3769955.04	608.10070	(15020908)	
	386784.58	3769977.69	600.73700	(15020908)
386792.03	3770000.34	606.61753	(15020908)	
	386799.48	3770022.99	555.65554	(14022508)
386806.93	3770045.63	563.45303	(15061906)	
	386814.38	3770068.28	591.98321	(15033107)
386821.83	3770090.93	609.79739	(15101307)	
	386829.28	3770113.57	617.08685	(14061206)
386836.73	3770136.22	630.07170	(14061206)	
	386844.18	3770158.87	653.61431	(15061906)
386851.64	3770181.51	672.81197	(14070206)	
	386859.09	3770204.16	700.01470	(14072406)
386866.54	3770226.81	743.48176	(14070206)	
	386873.99	3770249.46	791.29540	(14070206)
386881.44	3770272.10	900.14116	(15020908)	
	386888.89	3770294.75	1041.95004	(15020908)
386896.34	3770317.40	1296.50320	(15020908)	
	386917.34	3770305.52	1562.96668	(15020908)
386846.34	3770260.34	678.11153	(15020908)	
	386826.24	3770248.20	616.02735	(15020908)
386806.14	3770236.07	578.30991	(15061906)	
	386786.04	3770223.94	553.10325	(14070306)
386765.94	3770211.81	534.14382	(14070206)	
	386745.85	3770199.67	520.20681	(14070206)
386725.75	3770187.54	510.41712	(14070206)	
	386705.65	3770175.41	505.17532	(14070206)
386685.55	3770163.28	500.14001	(14061206)	
	386665.45	3770151.14	490.47483	(14061206)
386645.36	3770139.01	489.76833	(14061206)	
	386625.26	3770126.88	491.48580	(14061206)
386605.16	3770114.75	479.15534	(14070306)	
	386571.64	3770121.99	489.90785	(15020908)
386550.07	3770153.36	598.47572	(15020908)	
	386557.64	3770188.86	578.03960	(15020908)
386577.78	3770201.15	595.43958	(15020908)	
	386597.91	3770213.43	595.95984	(15020908)
386618.04	3770225.72	596.91243	(15020908)	
	386638.17	3770238.01	611.81182	(15020908)
386658.30	3770250.30	614.85795	(15020908)	
	386678.43	3770262.59	617.99648	(15020908)
386698.56	3770274.87	623.03877	(15020908)	
	386718.69	3770287.16	628.20705	(15020908)
386738.82	3770299.45	634.80144	(15020908)	
	386758.95	3770311.74	643.07348	(15020908)
386779.08	3770324.03	653.34799	(15020908)	
	386799.21	3770336.31	701.11156	(15063006)
386592.24	3770136.15	697.74607	(15061906)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
386913.81	3770330.27	1788.87277 (15020908)	
386927.54	3770332.23	2181.58922 (15020908)	
386778.52	3769879.29	968.37447 (14061206)	
386758.91	3769836.15	813.88558 (14061006)	
386739.30	3769806.74	869.18588 (14061006)	
386704.01	3769771.44	1039.75969 (15020908)	
386668.71	3769751.84	1014.35747 (15020908)	
386617.73	3769740.07	799.44449 (14062606)	
386564.79	3769730.27	831.94312 (15020908)	
386568.71	3769708.70	1141.00841 (15020908)	
386592.24	3769706.74	1172.19411 (14061306)	
386643.22	3769716.54	1174.95028 (14092907)	
386688.32	3769734.19	1196.13795 (16062906)	
386723.61	3769753.80	930.29933 (16062906)	
386764.79	3769796.93	771.48400 (15060806)	
386782.44	3769836.15	744.51104 (15061506)	
386756.95	3769753.80	585.88247 (16062906)	
386770.67	3769743.99	442.81177 (16062906)	
386970.67	3770318.50	1329.98415 (14060406)	
387051.07	3770293.01	860.59236 (14060506)	
386937.34	3769969.48	374.11206 (15061106)	
386870.67	3769757.72	318.23828 (15070106)	
386715.77	3769718.50	618.52247 (16062906)	
386717.73	3769702.82	530.97776 (15061506)	
386864.79	3769718.50	323.84598 (15070106)	
386851.07	3769691.05	295.89954 (15070106)	
386831.46	3769653.80	281.52784 (16062906)	
386825.58	3769606.74	259.88396 (15062506)	
386829.50	3769540.07	227.50029 (15062506)	
386833.42	3769512.62	209.30701 (15062506)	

	386851.07	3769514.58	204.55864	(15061606)
386849.10	3769563.60	235.42387	(15061606)	
	386856.95	3769618.50	261.94041	(15061606)
386876.56	3769661.64	282.96856	(14070706)	
	386905.97	3769694.97	293.13362	(14070706)
386931.46	3769714.58	293.40853	(14070706)	
	386964.79	3769732.23	296.21021	(16062406)
387004.01	3769738.11	271.75533	(16062406)	
	387149.11	3769757.72	166.78262	(14021908)
387143.22	3769785.17	168.67596	(14060406)	
	387102.05	3769783.21	177.65617	(14060406)
387062.83	3769793.01	193.69052	(16062406)	
	387049.10	3769796.93	200.43987	(16062406)
386998.12	3769834.19	256.72837	(15033007)	
	386974.60	3769879.29	274.76905	(14060606)
386966.75	3769930.27	308.35644	(15052106)	
	386970.67	3769989.09	317.23144	(15052106)
387068.71	3770291.05	683.94179	(14060506)	
	387343.22	3770189.09	615.08432	(14041506)
387351.07	3770224.39	723.79547	(14021808)	
	387296.16	3770251.84	683.09066	(14032507)
387292.24	3770336.15	366.96756	(14032507)	
	387213.81	3770296.94	790.94246	(14032507)
387143.22	3770418.50	550.72428	(16060906)	
	387088.32	3770371.45	1188.46498	(16060906)
387054.99	3770387.13	1347.07164	(16060906)	
	387025.58	3770396.94	1190.61431	(16060906)
386992.24	3770400.86	1393.75628	(16070106)	
	386976.56	3770400.86	1919.20868	(16070106)
386978.52	3770481.25	1046.08120	(16060306)	
	386972.63	3770528.31	1074.68804	(16060306)
386923.61	3770802.82	1078.47571	(16063006)	
	386892.24	3770798.90	1336.09466	(15052807)
386927.54	3770628.31	1028.72533	(14070206)	
	386958.91	3770457.72	1366.84904	(14061006)
386907.93	3770418.50	958.24182	(14032106)	
	386886.36	3770414.58	788.87623	(14032106)
386843.22	3770389.09	656.32087	(15063006)	
	386872.63	3770351.84	1327.25706	(15022008)
386570.67	3770167.52	831.86882	(15020908)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
386838.30	3770354.97	278.47215 (10121516)	
386823.60	3770373.60	195.86515 (15021708)	
386824.57	3770402.14	169.94833 (15021708)	
386844.88	3770419.11	173.26986 (15021708)	
386873.64	3770436.10	178.99845 (15021708)	
386903.46	3770443.10	195.79006 (15021708)	
386926.67	3770464.46	203.06913 (10121516)	
386925.36	3770501.94	200.54051 (10121516)	
386920.88	3770526.31	192.62294 (10121516)	
386916.40	3770550.68	184.32827 (10121516)	
386911.92	3770575.05	180.37895 (10121516)	
386907.43	3770599.42	177.28272 (10121516)	
386902.95	3770623.79	176.25295 (10121516)	
386898.02	3770647.61	168.65059 (10121516)	
386892.97	3770671.98	180.11231 (10121516)	
386887.93	3770696.35	185.58830 (10121516)	
386882.89	3770720.72	197.20083 (10121516)	
386877.84	3770745.09	201.87557 (10121516)	
386872.80	3770769.46	188.39334 (10121516)	
386867.76	3770793.83	133.04868 (10121516)	
386880.53	3770818.58	136.43134 (15031908)	
386904.83	3770825.67	169.06608 (10111916)	
386948.22	3770807.21	146.57303 (10102016)	
386952.31	3770784.34	151.46724 (10102016)	
386956.39	3770761.46	154.33910 (10102016)	
386960.48	3770738.59	151.66160 (10102016)	
386964.56	3770715.71	154.13265 (10102016)	
386968.65	3770692.84	156.21299 (10111908)	
386972.73	3770669.96	159.89650 (10111908)	
386976.82	3770647.08	157.35583 (10111908)	

	386980.90	3770624.21	159.68224	(10102016)
386984.99	3770601.33	160.80603	(10102016)	
	386989.07	3770578.46	163.08216	(10102016)
386993.16	3770555.58	163.89253	(10102016)	
	386997.24	3770532.70	167.06248	(10102016)
387000.38	3770507.88	174.76669	(10102016)	
	387003.33	3770484.35	179.40001	(10102016)
387003.02	3770460.54	201.38006	(10111908)	
	387002.04	3770420.35	269.06223	(11022516)
387028.50	3770421.77	217.32212	(11022516)	
	387062.90	3770410.85	211.92812	(11022516)
387098.96	3770394.07	186.91741	(10111908)	
	387108.65	3770421.80	142.08917	(10111908)
387126.95	3770437.48	118.70839	(10111908)	
	387164.84	3770431.05	99.44312	(10111908)
387176.60	3770410.79	102.59060	(10100408)	
	387188.37	3770390.53	105.98681	(10100408)
387200.13	3770370.27	111.69162	(14032508)	
	387211.90	3770350.01	122.75054	(14032508)
387223.66	3770329.75	134.28700	(14032508)	
	387235.43	3770309.49	143.49460	(14032508)
387202.63	3770319.30	178.29836	(14032508)	
	387261.45	3770348.71	94.19277	(14032508)
387311.05	3770347.51	77.61100	(14032508)	
	387318.19	3770316.23	88.15423	(14032508)
387320.15	3770274.08	114.18542	(14032508)	
	387343.95	3770255.90	118.59767	(14032508)
387375.47	3770218.96	115.91207m	(10102108)	
	387367.62	3770183.66	104.94488	(14111208)
387334.52	3770165.65	105.96333	(14111208)	
	387311.64	3770174.15	126.67554	(14021908)
387288.76	3770182.65	134.02817	(14021908)	
	387265.89	3770191.14	137.03336	(14021908)
387243.01	3770199.64	137.18710	(14021908)	
	387220.14	3770208.14	142.27366	(14021908)
387197.26	3770216.63	152.61025	(14021908)	
	387174.38	3770225.13	162.38555	(14021908)
387151.51	3770233.63	166.02680	(14021908)	
	387128.63	3770242.12	163.99000	(14021908)
387105.76	3770250.62	163.43527	(14021908)	
	387082.88	3770259.12	172.92594	(14021908)
387077.41	3770236.87	156.85621	(14021908)	
	387069.86	3770213.65	144.43063	(14021908)
387062.32	3770190.42	134.43552	(14021908)	
	387054.78	3770167.19	125.98377	(14021908)
387047.24	3770143.96	118.94208	(14021908)	
	387039.70	3770120.74	113.03050	(14021908)
387032.16	3770097.51	108.04477	(14021908)	
	387024.61	3770074.28	98.06864	(14021908)
387017.07	3770051.05	94.18559	(14021908)	

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF CO	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
387009.53	3770027.83	90.90690	(14021908)	
387001.99	3770004.60	94.32190	(14021908)	
386994.45	3769981.37	93.41635	(14021908)	
386993.00	3769948.21	90.16297	(14021908)	
386994.08	3769917.08	86.99752	(14021908)	
386999.31	3769883.09	75.11699	(14021908)	
387012.45	3769860.78	73.22856	(14021908)	
387029.87	3769841.95	73.66207	(14021908)	
387063.85	3769817.11	66.15737	(14021908)	
387088.50	3769812.36	62.96957	(14021908)	
387121.45	3769809.16	59.89289	(14021908)	
387163.07	3769797.70	56.16816	(14021908)	
387173.55	3769762.96	53.63745	(14021908)	
387152.46	3769732.95	54.96524	(14021908)	
387128.27	3769729.68	58.35911	(14021908)	
387104.09	3769726.41	62.40367	(14021908)	
387079.91	3769723.14	66.58566	(14021908)	
387055.72	3769719.87	70.83253	(14021908)	
387031.54	3769716.60	74.12965	(14021908)	
387007.36	3769713.34	78.30299	(14021908)	
386968.50	3769707.51	82.99984	(14021908)	
386943.16	3769692.49	82.49378	(14021908)	
386921.21	3769675.16	81.23759	(14021908)	
386895.31	3769645.10	77.81425	(14021908)	
386879.71	3769608.15	72.08933	(14021908)	
386876.46	3769578.36	66.99650	(14021908)	
386875.06	3769540.09	60.98635	(14021908)	
386876.05	3769515.58	56.66873	(14021908)	
386861.93	3769494.01	53.31503	(14021908)	
386836.18	3769487.77	53.10090	(15121108)	

	386813.39	3769500.97	57.33095	(15121108)
386806.71	3769522.81	61.22860	(15121108)	
	386803.24	3769560.83	67.61547	(15121108)
386800.62	3769605.27	75.87125	(15121108)	
	386803.71	3769633.37	81.07863	(15121108)
386806.65	3769656.90	85.67646	(15121108)	
	386819.14	3769684.07	90.35465	(14021908)
386842.93	3769691.03	89.14870	(14021908)	
	386793.91	3769685.80	96.01739	(15121108)
386769.40	3769683.19	106.14231	(15121108)	
	386744.89	3769680.57	118.49241	(15121108)
386720.38	3769677.96	137.52650	(15121108)	
	386697.56	3769691.47	175.38691	(16012008)
386690.96	3769715.40	248.50719	(16012008)	
	386709.63	3769742.74	301.85524	(16012008)
386731.76	3769748.34	240.11343	(16012008)	
	386753.89	3769753.94	190.21120	(14021908)
386798.15	3769765.15	122.04985	(15121108)	
	386820.28	3769770.75	109.98812	(15121108)
386842.41	3769776.35	105.35064	(15121108)	
	386864.53	3769781.96	103.79499	(14021908)
386861.64	3769812.29	116.70978	(14021908)	
	386869.05	3769835.81	112.24526	(14021908)
386876.46	3769859.34	90.26969	(16120208)	
	386883.86	3769882.87	90.47452	(15121108)
386891.27	3769906.40	108.95867	(14021908)	
	386898.68	3769929.93	110.15430	(14021908)
386906.09	3769953.46	113.94724	(14021908)	
	386913.49	3769976.99	116.13866	(14021908)
386921.88	3770000.88	120.72163	(14021908)	
	386930.00	3770023.99	122.25802	(14021908)
386938.13	3770047.10	124.08293	(14021908)	
	386946.25	3770070.21	126.26201	(14021908)
386954.37	3770093.32	128.67226	(14021908)	
	386962.50	3770116.43	130.20511	(14021908)
386970.62	3770139.54	132.70408	(14021908)	
	386978.74	3770162.65	138.36762	(14021908)
386986.87	3770185.75	142.23026	(14021908)	
	386994.99	3770208.86	157.00798	(14021908)
387003.11	3770231.97	173.20522	(14021908)	
	387011.24	3770255.08	200.26435	(14021908)
387019.36	3770278.19	239.79458	(14021908)	
	386983.21	3770288.30	268.38079	(14021908)
386994.28	3770310.28	353.07386	(14021908)	
	386978.28	3770264.32	216.94403	(14021908)
386970.28	3770241.34	190.40575	(14021908)	
	386962.28	3770218.36	179.32683	(14021908)
386954.28	3770195.38	175.96568	(14021908)	
	386946.28	3770172.40	170.13062	(14021908)
386938.28	3770149.42	165.33984	(14021908)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_LAUS_Construction\HSR_B-LA_LAUS_Constr *** 12/16/19
 *** AERMET - VERSION 16216 *** ***
 *** 22:18:19

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
386930.28	3770126.44	161.98548 (14021908)	
386922.28	3770103.46	159.40627 (14021908)	
386914.28	3770080.48	154.52646 (14021908)	
386906.28	3770057.50	153.02974 (14021908)	
386898.28	3770034.52	151.12857 (14021908)	
386890.28	3770011.54	149.33329 (14021908)	
386882.28	3769988.56	147.63968 (14021908)	
386874.28	3769965.57	146.04931 (14021908)	
386866.28	3769942.59	144.46825 (14021908)	
386858.28	3769919.61	142.06571 (14021908)	
386850.28	3769896.63	139.45147 (14021908)	
386842.28	3769873.65	125.61192 (15121108)	
386834.28	3769850.67	122.02670 (15121108)	
386826.28	3769827.69	123.07617 (14021908)	
386818.28	3769804.71	122.77318 (14021908)	
386758.56	3769843.54	314.69470 (10121516)	
386787.59	3769786.67	143.51231 (15121108)	
386652.33	3769693.26	226.38445 (16012008)	
386613.95	3769685.46	228.99822 (16012008)	
386590.16	3769681.83	212.22982 (16012008)	
386566.63	3769683.79	189.61164 (15012008)	
386544.11	3769704.23	160.21923 (15012008)	
386552.23	3769749.66	119.80775 (10121516)	
386577.89	3769758.12	137.26341 (10121516)	
386613.18	3769764.65	155.76211 (10121516)	
386646.09	3769772.28	171.37996 (10121516)	
386674.22	3769783.50	187.18337 (10121516)	
386703.97	3769806.77	178.58151 (10121516)	
386721.62	3769824.42	174.38327 (10121516)	
386736.15	3769846.50	161.61693 (10121516)	

	386745.96	3769868.07	159.18165	(15012008)
386755.76	3769889.64	171.50965	(15012008)	
	386769.67	3769932.40	186.37867	(10121516)
386777.13	3769955.04	202.18545	(10121516)	
	386784.58	3769977.69	200.74842	(10121516)
386792.03	3770000.34	204.80886	(10121516)	
	386799.48	3770022.99	208.86036	(10121516)
386806.93	3770045.63	208.79051	(10121516)	
	386814.38	3770068.28	211.30188	(10121516)
386821.83	3770090.93	218.99078	(10121516)	
	386829.28	3770113.57	221.34824	(10121516)
386836.73	3770136.22	218.51034	(10121516)	
	386844.18	3770158.87	220.16104	(10121516)
386851.64	3770181.51	234.01330	(10121516)	
	386859.09	3770204.16	235.69757	(15012008)
386866.54	3770226.81	246.77230	(15012008)	
	386873.99	3770249.46	262.30164	(15012008)
386881.44	3770272.10	280.25603	(15012008)	
	386888.89	3770294.75	313.26946	(15012008)
386896.34	3770317.40	380.96752	(15012008)	
	386917.34	3770305.52	605.34782	(10121516)
386846.34	3770260.34	219.76635	(15012008)	
	386826.24	3770248.20	201.50529	(15012008)
386806.14	3770236.07	185.35883	(15012008)	
	386786.04	3770223.94	175.90679	(15012008)
386765.94	3770211.81	175.72982	(15012008)	
	386745.85	3770199.67	173.20448	(15012008)
386725.75	3770187.54	170.37415	(15012008)	
	386705.65	3770175.41	168.48387	(15012008)
386685.55	3770163.28	164.50946	(15012008)	
	386665.45	3770151.14	163.87816	(15012008)
386645.36	3770139.01	162.75986	(15012008)	
	386625.26	3770126.88	163.40516	(15012008)
386605.16	3770114.75	150.87204	(15012008)	
	386571.64	3770121.99	134.47931	(15012008)
386550.07	3770153.36	131.90555	(14020608)	
	386557.64	3770188.86	135.23836	(14022508)
386577.78	3770201.15	156.43945	(15021708)	
	386597.91	3770213.43	172.72479	(15021708)
386618.04	3770225.72	176.37918	(10121516)	
	386638.17	3770238.01	181.65515	(15021708)
386658.30	3770250.30	186.27112	(15021708)	
	386678.43	3770262.59	189.23671	(10121516)
386698.56	3770274.87	197.17892	(10121516)	
	386718.69	3770287.16	201.80391	(10121516)
386738.82	3770299.45	205.21010	(10121516)	
	386758.95	3770311.74	209.61727	(10121516)
386779.08	3770324.03	213.55758	(10121516)	
	386799.21	3770336.31	223.09982	(10121516)
386592.24	3770136.15	207.31378	(15012008)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_LAUS_Construction\HSR_B-LA_LAUS_Constr *** 12/16/19
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 *** 22:18:19

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
386913.81	3770330.27	572.39278	(10121516)	
386927.54	3770332.23	781.95304	(10121516)	
386778.52	3769879.29	378.57093	(10121516)	
386758.91	3769836.15	386.36804	(14120316)	
386739.30	3769806.74	429.22560	(10121516)	
386704.01	3769771.44	489.05052	(15120416)	
386668.71	3769751.84	486.00520	(15120416)	
386617.73	3769740.07	366.95668	(10121516)	
386564.79	3769730.27	283.70952	(10121516)	
386568.71	3769708.70	320.75808	(15012008)	
386592.24	3769706.74	381.94960	(16012008)	
386643.22	3769716.54	387.23106	(16012008)	
386688.32	3769734.19	415.90153	(14120516)	
386723.61	3769753.80	298.80931	(16012008)	
386764.79	3769796.93	239.74828	(16012008)	
386782.44	3769836.15	236.07261	(16040816)	
386756.95	3769753.80	181.02578	(14021908)	
386770.67	3769743.99	135.81201	(15121108)	
386970.67	3770318.50	449.19293	(14021908)	
387051.07	3770293.01	280.50398	(14021908)	
386937.34	3769969.48	110.52619	(14021908)	
386870.67	3769757.72	97.27888	(15121108)	
386715.77	3769718.50	199.38504	(15121108)	
386717.73	3769702.82	168.89079	(16012008)	
386864.79	3769718.50	97.53187	(14021908)	
386851.07	3769691.05	88.09728	(14021908)	
386831.46	3769653.80	82.42034	(15121108)	
386825.58	3769606.74	74.56525	(15121108)	
386829.50	3769540.07	63.08519	(15121108)	
386833.42	3769512.62	56.98780	(15121108)	

	386851.07	3769514.58	56.60992	(14021908)
386849.10	3769563.60	68.83812	(14021908)	
	386856.95	3769618.50	79.14880	(14021908)
386876.56	3769661.64	87.94696	(14021908)	
	386905.97	3769694.97	91.98661	(14021908)
386931.46	3769714.58	94.15210	(14021908)	
	386964.79	3769732.23	96.48780	(14021908)
387004.01	3769738.11	90.05967	(14021908)	
	387149.11	3769757.72	56.02189	(14021908)
387143.22	3769785.17	56.66483	(14021908)	
	387102.05	3769783.21	60.25777	(14021908)
387062.83	3769793.01	66.02093	(14021908)	
	387049.10	3769796.93	68.65987	(14021908)
386998.12	3769834.19	84.40232	(14021908)	
	386974.60	3769879.29	84.78997	(14021908)
386966.75	3769930.27	95.42065	(14021908)	
	386970.67	3769989.09	100.35658	(14021908)
387068.71	3770291.05	222.10129	(14021908)	
	387343.22	3770189.09	159.84786	(14111208)
387351.07	3770224.39	177.53472	(16040816)	
	387296.16	3770251.84	224.89312	(10102016)
387292.24	3770336.15	87.90924	(14032508)	
	387213.81	3770296.94	208.77865	(16040816)
387143.22	3770418.50	118.17121	(10111908)	
	387088.32	3770371.45	323.62914	(11022516)
387054.99	3770387.13	388.64178	(11022516)	
	387025.58	3770396.94	313.33576	(11022516)
386992.24	3770400.86	404.03661	(11022516)	
	386976.56	3770400.86	652.61398	(10102016)
386978.52	3770481.25	331.83888	(10102016)	
	386972.63	3770528.31	364.99114	(10102016)
386923.61	3770802.82	359.12457	(10102016)	
	386892.24	3770798.90	282.56978	(10121516)
386927.54	3770628.31	460.27354	(10121516)	
	386958.91	3770457.72	440.14161	(10102016)
386907.93	3770418.50	269.46625	(10121516)	
	386886.36	3770414.58	228.36356	(15021708)
386843.22	3770389.09	202.28293	(15021708)	
	386872.63	3770351.84	541.70298	(10121516)
386570.67	3770167.52	185.65676	(14022508)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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 *** 22:18:19

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF

HIGHEST 1-HR RESULTS ***

MICROGRAMS/M**3

** CONC OF CO IN
 **

DATE

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

ALL HIGH 1ST HIGH VALUE IS 2181.58922 ON 15020908: AT (
 386927.54, 3770332.23, 93.31, 93.31, 0.00) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_LAUS_Construction\HSR_B-LA_LAUS_Constr *** 12/16/19
 *** AERMET - VERSION 16216 *** ***
 *** 22:18:19

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF

HIGHEST 8-HR RESULTS ***

MICROGRAMS/M**3

** CONC OF CO IN
 **

DATE

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

ALL HIGH 1ST HIGH VALUE IS 781.95304 ON 10121516: AT (
 386927.54, 3770332.23, 93.31, 93.31, 0.00) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_LAUS_Construction\HSR_B-LA_LAUS_Constr *** 12/16/19
*** AERMET - VERSION 16216 *** ***
*** 22:18:19

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*** MODELOPTs: NonDEFAULT CONC ELEV FASTAREA URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)
A Total of 808 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 4 Calm Hours Identified

A Total of 804 Missing Hours Identified (1.83 Percent)

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

***** WARNING MESSAGES *****
ME W186 183 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 183 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological
File at: 14010101
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological
File at: 2 year gap

*** AERMOD Finishes Successfully ***

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 12/16/2019
** File: C:\Lakes\AERMOD
View\HSR_B_LA_NO2_Main_Street_Construction_Area\HSR_B_LA_NO2_Main_Street_
Construction_Area.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\HSR_B-LA_LAUS_Construction\HSR_B-
LA_LAUS_Constr
  MODELOPT CONC FASTAREA ARM2
  AVERTIME 1 PERIOD
  URBANOPT 800000
  POLLUTID NO2
  FLAGPOLE 1.80
  RUNORNOT RUN
** NO2 Conversion Options
  ARMRATIO 0.500 0.900
  ERRORFIL HSR_B_LA_NO2_Main_Street_Construction_Area.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREA1      AREAPOLY    386902.046   3770800.858       96.400
** DESCRSRC At-Grade Track
  LOCATION PAREA2      AREAPOLY    386586.359   3770167.523       91.080
** DESCRSRC Main Stret Bridge
  LOCATION PAREA3      AREAPOLY    386954.987   3769991.052       92.670
** DESCRSRC Three way rail interchange construction
** Source Parameters **
  SRCPARAM PAREA1      0.0001520725      3.000      27
  AREAVERT PAREA1      386902.046 3770800.858 386960.870 3770489.093
  AREAVERT PAREA1      386960.870 3770455.759 386958.909 3770424.387
  AREAVERT PAREA1      386949.105 3770387.132 386927.536 3770320.465
  AREAVERT PAREA1      386798.124 3769918.503 386780.477 3769867.523
  AREAVERT PAREA1      386756.948 3769826.346 386741.261 3769798.895

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AREAVERT	PAREA1	386704.006	3769765.562	386660.869	3769742.032
AREAVERT	PAREA1	386609.888	3769728.307	386572.633	3769726.346
AREAVERT	PAREA1	386574.594	3769710.660	386625.575	3769720.464
AREAVERT	PAREA1	386651.065	3769726.346	386690.281	3769742.032
AREAVERT	PAREA1	386745.183	3769785.170	386770.673	3769834.189
AREAVERT	PAREA1	386802.046	3769896.935	386953.026	3770363.602
AREAVERT	PAREA1	386966.752	3770406.739	386968.713	3770451.838
AREAVERT	PAREA1	386968.713	3770498.897	386945.183	3770628.309
AREAVERT	PAREA1	386915.771	3770798.897		
SRCPARAM	PAREA2	0.0000152367	3.000	30	
AREAVERT	PAREA2	386586.359	3770167.523	386598.124	3770147.915
AREAVERT	PAREA2	386896.163	3770336.151	386933.418	3770340.073
AREAVERT	PAREA2	386956.948	3770332.230	387047.144	3770300.857
AREAVERT	PAREA2	387051.066	3770316.543	386953.026	3770347.916
AREAVERT	PAREA2	386958.909	3770357.720	386996.164	3770365.563
AREAVERT	PAREA2	387019.693	3770363.602	387045.183	3770357.720
AREAVERT	PAREA2	387064.791	3770349.877	387082.438	3770332.230
AREAVERT	PAREA2	387129.497	3770302.818	387151.066	3770283.210
AREAVERT	PAREA2	387196.164	3770263.602	387292.243	3770222.425
AREAVERT	PAREA2	387341.262	3770200.857	387341.262	3770222.425
AREAVERT	PAREA2	387211.850	3770273.406	387166.752	3770312.622
AREAVERT	PAREA2	387105.968	3770347.916	387072.634	3770369.484
AREAVERT	PAREA2	387053.027	3770379.288	387031.458	3770385.171
AREAVERT	PAREA2	387005.968	3770389.092	386986.360	3770391.053
AREAVERT	PAREA2	386968.713	3770394.975	386956.948	3770394.975
SRCPARAM	PAREA3	5.2612E-07	3.000	34	
AREAVERT	PAREA3	386954.987	3769991.052	386949.105	3769914.582
AREAVERT	PAREA3	386945.183	3769861.640	386927.536	3769810.660
AREAVERT	PAREA3	386907.928	3769785.170	386880.477	3769765.562
AREAVERT	PAREA3	386878.516	3769753.797	386835.379	3769738.111
AREAVERT	PAREA3	386725.575	3769716.542	386727.536	3769710.660
AREAVERT	PAREA3	386864.791	3769726.346	386886.360	3769726.346
AREAVERT	PAREA3	386858.909	3769685.169	386843.222	3769645.954
AREAVERT	PAREA3	386839.301	3769606.738	386835.379	3769563.601
AREAVERT	PAREA3	386837.340	3769547.914	386845.183	3769551.836
AREAVERT	PAREA3	386849.105	3769616.542	386862.830	3769653.797
AREAVERT	PAREA3	386894.203	3769700.856	386935.379	3769732.228
AREAVERT	PAREA3	386986.360	3769743.993	387027.536	3769751.836
AREAVERT	PAREA3	387119.693	3769765.562	387119.693	3769775.366
AREAVERT	PAREA3	387062.830	3769781.248	387033.419	3769796.934
AREAVERT	PAREA3	387005.968	3769818.503	386986.360	3769838.111
AREAVERT	PAREA3	386974.595	3769869.483	386958.909	3769908.699
AREAVERT	PAREA3	386960.870	3769967.523	386962.830	3769987.131
URBANSRC	ALL				

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"

** Variable Emission Scenario: "Scenario 2"

EMISFACT	PAREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	PAREA1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	PAREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0
EMISFACT	PAREA1	HRDOW7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.0
EMISFACT	PAREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	PAREA1	HRDOW7	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0

[illegible]

```

    EMISFACT PAREA3          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    EMISFACT PAREA3          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
    SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
    INCLUDED HSR_B_LA_NO2_Main_Street_Construction_Area.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
    SURFFILE CELA_v9.SFC
    PROFFILE CELA_v9.PFL
    SURFDATA 93134 2010
    UAIRDATA 3190 2010
    SITEDATA 99999 2010
    PROFBASE 87.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
    RECTABLE ALLAVE 1ST 8TH
    RECTABLE 1 1ST 8TH
** Auto-Generated Plotfiles
    PLOTFILE 1 ALL 1ST
HSR_B_LA_NO2_MAIN_STREET_CONSTRUCTION_AREA.AD\01H1GALL.PLT 31
    PLOTFILE 1 ALL 8TH
HSR_B_LA_NO2_MAIN_STREET_CONSTRUCTION_AREA.AD\01H8GALL.PLT 32
    PLOTFILE PERIOD ALL
HSR_B_LA_NO2_MAIN_STREET_CONSTRUCTION_AREA.AD\PE00GALL.PLT 33
    MXDYBYR ALL
HSR_B_LA_NO2_MAIN_STREET_CONSTRUCTION_AREA.AD\MXDYBYR_ALL_NO2.DAT 34
    MAXDAILY ALL
HSR_B_LA_NO2_MAIN_STREET_CONSTRUCTION_AREA.AD\MAXDAILY_ALL_NO2.DAT 35
    SUMMFILE HSR_B_LA_NO2_Main_Street_Construction_Area.sum
OU FINISHED

```

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

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

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

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

***** WARNING MESSAGES *****
CO W361 29 COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2
require MULTYEAR Opt
ME W186 186 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 186 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** SETUP Finishes Successfully ***

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LA_LAUS_Construction\HSR_B-LA_LAUS_Constr *** 12/16/19
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*** 23:12:18

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

*** MODEL SETUP OPTIONS
SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 3 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 800000.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Ambient Ratio Method Ver 2 (ARM2) Used for NO2 Conversion
with a Minimum NO2/NOx Ratio of 0.500
and a Maximum NO2/NOx Ratio of 0.900
7. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:

FASTAREA - Use hybrid approach to optimize AREA sources;
also applies to LINE sources (formerly TOXICS option)
ADJ_U* - Use ADJ_U* option for SBL in AERMET
TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: NO2

**Note that special processing requirements apply for the 1-hour NO2
NAAQS - check available guidance.

Model will process user-specified ranks of daily maximum 1-hour values
averaged across the number of years modeled.

For annual NO2 NAAQS modeling, the multi-year maximum of PERIOD values
can be simulated using the MULTYEAR keyword.

Multi-year PERIOD and 1-hour values should only be done in a single model run using the MULTYEAR option with a single multi-year meteorological data file using STARTEND keyword.

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

**This Run Includes: 3 Source(s); 1 Source Group(s); and
310 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 3 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 0 line(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)
Model Outputs External File(s) of Maximum Daily 1-hr Values by
Day (MAXDAILY Keyword)
Model Outputs External File(s) of Maximum Daily 1-hr Values by
Year (MXDYBYR 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) = 87.00 ;
Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC
; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

**Approximate Storage Requirements of Model = 3.6 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File:
HSR_B_LA_NO2_Main_Street_Construction_Area.err
**File for Summary of Results:
HSR_B_LA_NO2_Main_Street_Construction_Area.sum

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 LA_LAUS_Construction\HSR_B-LA_LAUS_Constr *** 12/16/19
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** AREAPOLY SOURCE DATA

NUMBER	NUMBER	EMISSION	RATE	LOCATION OF AREA		BASE	RELEASE
SOURCE	INIT.	URBAN	EMISSION	RATE			
OF VERTS.	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT	
ID	SZ	SOURCE	SCALAR	VARY			
(METERS)	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	
	BY						
PAREA1	0	0.15207E-03	386902.0	3770800.9	96.4	3.00	
27	0.00	YES HRDOW7					
PAREA2	0	0.15237E-04	386586.4	3770167.5	91.1	3.00	
30	0.00	YES HRDOW7					
PAREA3	0	0.52612E-06	386955.0	3769991.1	92.7	3.00	
34	0.00	YES HRDOW7					

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL PAREA1 , PAREA2 , PAREA3 ,

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

*** SOURCE IDs DEFINED AS URBAN

SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
	800000.	PAREA1 , PAREA2 , PAREA3 ,

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

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

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA2 ; SOURCE TYPE = AREAPOLY :

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

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA3 ; SOURCE TYPE = AREAPOLY :

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

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(386838.3, 3770355.0,	92.9,	171.3,	1.8);	(
386823.6, 3770373.6,	93.6,	171.3,	1.8);	(
(386824.6, 3770402.1,	93.7,	171.3,	1.8);	(
386844.9, 3770419.1,	93.5,	171.3,	1.8);	(
(386873.6, 3770436.1,	93.5,	171.3,	1.8);	(
386903.5, 3770443.1,	93.7,	171.3,	1.8);	(
(386926.7, 3770464.5,	93.8,	171.3,	1.8);	(
386925.4, 3770501.9,	93.5,	171.3,	1.8);	(
(386920.9, 3770526.3,	93.2,	171.3,	1.8);	(
386916.4, 3770550.7,	93.4,	171.3,	1.8);	(
(386911.9, 3770575.0,	93.5,	171.3,	1.8);	(
386907.4, 3770599.4,	93.5,	171.3,	1.8);	(
(386903.0, 3770623.8,	95.2,	171.3,	1.8);	(
386898.0, 3770647.6,	95.5,	171.3,	1.8);	(
(386893.0, 3770672.0,	95.6,	171.3,	1.8);	(
386887.9, 3770696.3,	95.7,	171.3,	1.8);	(
(386882.9, 3770720.7,	95.6,	171.3,	1.8);	(
386877.8, 3770745.1,	95.6,	189.6,	1.8);	(
(386872.8, 3770769.5,	95.9,	189.6,	1.8);	(
386867.8, 3770793.8,	96.6,	189.7,	1.8);	(
(386880.5, 3770818.6,	96.9,	189.7,	1.8);	(
386904.8, 3770825.7,	96.4,	189.6,	1.8);	(
(386948.2, 3770807.2,	87.8,	189.7,	1.8);	(
386952.3, 3770784.3,	87.1,	189.7,	1.8);	(
(386956.4, 3770761.5,	87.2,	189.7,	1.8);	(
386960.5, 3770738.6,	86.4,	189.7,	1.8);	(
(386964.6, 3770715.7,	86.6,	189.6,	1.8);	(
386968.6, 3770692.8,	85.7,	189.5,	1.8);	(
(386972.7, 3770670.0,	86.1,	171.3,	1.8);	(
386976.8, 3770647.1,	85.0,	171.3,	1.8);	(
(386980.9, 3770624.2,	85.5,	171.3,	1.8);	(
386985.0, 3770601.3,	84.5,	171.3,	1.8);	(
(386989.1, 3770578.5,	84.5,	171.3,	1.8);	(
386993.2, 3770555.6,	84.3,	171.3,	1.8);	(
(386997.2, 3770532.7,	84.2,	171.3,	1.8);	(
387000.4, 3770507.9,	84.1,	171.3,	1.8);	(
(387003.3, 3770484.3,	84.0,	171.3,	1.8);	(
387003.0, 3770460.5,	83.9,	171.3,	1.8);	(

(387002.0, 3770420.3,	83.8,	171.3,	1.8);	(
387028.5, 3770421.8,	83.8,	171.3,	1.8);	
(387062.9, 3770410.8,	93.8,	93.8,	1.8);	(
387099.0, 3770394.1,	92.9,	92.9,	1.8);	
(387108.6, 3770421.8,	92.8,	92.8,	1.8);	(
387127.0, 3770437.5,	92.8,	92.8,	1.8);	
(387164.8, 3770431.0,	92.8,	92.8,	1.8);	(
387176.6, 3770410.8,	93.1,	93.1,	1.8);	
(387188.4, 3770390.5,	93.3,	93.3,	1.8);	(
387200.1, 3770370.3,	93.0,	93.0,	1.8);	
(387211.9, 3770350.0,	92.9,	92.9,	1.8);	(
387223.7, 3770329.8,	92.8,	92.8,	1.8);	
(387235.4, 3770309.5,	92.7,	92.7,	1.8);	(
387202.6, 3770319.3,	92.7,	92.7,	1.8);	
(387261.5, 3770348.7,	92.7,	92.7,	1.8);	(
387311.0, 3770347.5,	92.6,	92.6,	1.8);	
(387318.2, 3770316.2,	92.7,	92.7,	1.8);	(
387320.1, 3770274.1,	93.0,	93.0,	1.8);	
(387344.0, 3770255.9,	92.8,	92.8,	1.8);	(
387375.5, 3770219.0,	92.2,	92.2,	1.8);	
(387367.6, 3770183.7,	91.8,	91.8,	1.8);	(
387334.5, 3770165.6,	91.6,	91.6,	1.8);	
(387311.6, 3770174.1,	91.8,	91.8,	1.8);	(
387288.8, 3770182.6,	92.1,	92.1,	1.8);	
(387265.9, 3770191.1,	92.6,	92.6,	1.8);	(
387243.0, 3770199.6,	92.5,	92.5,	1.8);	
(387220.1, 3770208.1,	92.1,	92.1,	1.8);	(
387197.3, 3770216.6,	91.9,	91.9,	1.8);	
(387174.4, 3770225.1,	92.0,	92.0,	1.8);	(
387151.5, 3770233.6,	92.2,	92.2,	1.8);	
(387128.6, 3770242.1,	92.2,	92.2,	1.8);	(
387105.8, 3770250.6,	92.2,	92.2,	1.8);	
(387082.9, 3770259.1,	91.9,	91.9,	1.8);	(
387077.4, 3770236.9,	91.8,	91.8,	1.8);	
(387069.9, 3770213.6,	91.6,	91.6,	1.8);	(
387062.3, 3770190.4,	91.5,	91.5,	1.8);	
(387054.8, 3770167.2,	91.3,	91.3,	1.8);	(
387047.2, 3770144.0,	91.2,	91.2,	1.8);	
(387039.7, 3770120.7,	91.0,	91.0,	1.8);	(
387032.2, 3770097.5,	90.9,	90.9,	1.8);	
(387024.6, 3770074.3,	90.7,	90.7,	1.8);	(
387017.1, 3770051.0,	90.5,	90.5,	1.8);	
(387009.5, 3770027.8,	90.3,	90.3,	1.8);	(
387002.0, 3770004.6,	90.2,	90.2,	1.8);	
(386994.5, 3769981.4,	90.2,	90.2,	1.8);	(
386993.0, 3769948.2,	90.2,	90.2,	1.8);	
(386994.1, 3769917.1,	90.1,	102.5,	1.8);	(
386999.3, 3769883.1,	89.9,	102.5,	1.8);	
(387012.5, 3769860.8,	90.5,	102.5,	1.8);	(
387029.9, 3769841.9,	90.2,	102.5,	1.8);	
(387063.8, 3769817.1,	90.3,	102.5,	1.8);	(
387088.5, 3769812.4,	90.3,	102.5,	1.8);	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

(387121.5, 3769809.2,	90.6,	90.6,	1.8);	(
387163.1, 3769797.7,	91.1,	91.1,	1.8);	(
(387173.5, 3769763.0,	91.2,	91.2,	1.8);	(
387152.5, 3769732.9,	91.2,	91.2,	1.8);	(
(387128.3, 3769729.7,	91.0,	91.0,	1.8);	(
387104.1, 3769726.4,	91.0,	91.0,	1.8);	(
(387079.9, 3769723.1,	91.0,	91.0,	1.8);	(
387055.7, 3769719.9,	91.1,	102.5,	1.8);	(
(387031.5, 3769716.6,	88.7,	102.5,	1.8);	(
387007.4, 3769713.3,	91.2,	102.5,	1.8);	(
(386968.5, 3769707.5,	91.2,	102.5,	1.8);	(
386943.2, 3769692.5,	91.3,	100.9,	1.8);	(
(386921.2, 3769675.2,	91.3,	91.3,	1.8);	(
386895.3, 3769645.1,	91.3,	91.3,	1.8);	(
(386879.7, 3769608.1,	91.2,	91.2,	1.8);	(
386876.5, 3769578.4,	91.1,	91.1,	1.8);	(
(386875.1, 3769540.1,	91.1,	91.1,	1.8);	(
386876.0, 3769515.6,	91.1,	91.1,	1.8);	(
(386861.9, 3769494.0,	90.9,	90.9,	1.8);	(
386836.2, 3769487.8,	89.8,	89.8,	1.8);	(
(386813.4, 3769501.0,	83.3,	91.1,	1.8);	(
386806.7, 3769522.8,	81.6,	91.2,	1.8);	(
(386803.2, 3769560.8,	81.9,	91.2,	1.8);	(
386800.6, 3769605.3,	82.7,	91.4,	1.8);	(
(386803.7, 3769633.4,	83.9,	91.7,	1.8);	(
386806.6, 3769656.9,	83.8,	91.9,	1.8);	(
(386819.1, 3769684.1,	88.0,	91.9,	1.8);	(
386842.9, 3769691.0,	91.5,	91.5,	1.8);	(
(386793.9, 3769685.8,	80.2,	102.5,	1.8);	(
386769.4, 3769683.2,	80.2,	100.9,	1.8);	(
(386744.9, 3769680.6,	84.9,	92.0,	1.8);	(
386720.4, 3769678.0,	91.8,	91.8,	1.8);	(
(386697.6, 3769691.5,	91.5,	91.5,	1.8);	(
386691.0, 3769715.4,	91.9,	91.9,	1.8);	(
(386709.6, 3769742.7,	91.6,	91.6,	1.8);	(
386731.8, 3769748.3,	91.7,	91.7,	1.8);	(
(386753.9, 3769753.9,	91.3,	91.3,	1.8);	(
386798.1, 3769765.1,	80.6,	102.5,	1.8);	(

(386820.3, 3769770.8, 80.6, 102.5, 1.8); (

386842.4, 3769776.3, 82.5, 102.5, 1.8);

(386864.5, 3769782.0, 91.1, 102.1, 1.8); (

386861.6, 3769812.3, 85.1, 102.5, 1.8);

(386869.0, 3769835.8, 84.6, 102.5, 1.8); (

386876.5, 3769859.3, 84.1, 102.5, 1.8);

(386883.9, 3769882.9, 83.5, 102.5, 1.8); (

386891.3, 3769906.4, 83.0, 102.5, 1.8);

(386898.7, 3769929.9, 82.9, 102.5, 1.8); (

386906.1, 3769953.5, 82.7, 102.5, 1.8);

(386913.5, 3769977.0, 82.5, 102.5, 1.8); (

386921.9, 3770000.9, 82.6, 102.1, 1.8);

(386930.0, 3770024.0, 82.6, 93.4, 1.8); (

386938.1, 3770047.1, 82.6, 93.6, 1.8);

(386946.2, 3770070.2, 82.5, 93.7, 1.8); (

386954.4, 3770093.3, 82.5, 93.8, 1.8);

(386962.5, 3770116.4, 82.4, 93.9, 1.8); (

386970.6, 3770139.5, 82.4, 94.0, 1.8);

(386978.7, 3770162.6, 82.5, 94.0, 1.8); (

386986.9, 3770185.8, 82.6, 94.0, 1.8);

(386995.0, 3770208.9, 82.8, 94.3, 1.8); (

387003.1, 3770232.0, 82.9, 94.3, 1.8);

(387011.2, 3770255.1, 83.1, 94.3, 1.8); (

387019.4, 3770278.2, 83.2, 94.3, 1.8);

(386983.2, 3770288.3, 83.2, 171.0, 1.8); (

386994.3, 3770310.3, 83.2, 171.3, 1.8);

(386978.3, 3770264.3, 83.1, 94.3, 1.8); (

386970.3, 3770241.3, 83.0, 94.3, 1.8);

(386962.3, 3770218.4, 82.8, 94.0, 1.8); (

386954.3, 3770195.4, 82.7, 94.0, 1.8);

(386946.3, 3770172.4, 82.6, 94.0, 1.8); (

386938.3, 3770149.4, 82.5, 93.9, 1.8);

(386930.3, 3770126.4, 82.4, 93.8, 1.8); (

386922.3, 3770103.5, 82.2, 93.7, 1.8);

(386914.3, 3770080.5, 82.1, 93.7, 1.8); (

386906.3, 3770057.5, 82.0, 93.6, 1.8);

(386898.3, 3770034.5, 81.9, 93.3, 1.8); (

386890.3, 3770011.5, 81.8, 93.2, 1.8);

(386882.3, 3769988.6, 81.7, 102.1, 1.8); (

386874.3, 3769965.6, 81.6, 102.5, 1.8);

(386866.3, 3769942.6, 81.5, 102.5, 1.8); (

386858.3, 3769919.6, 81.3, 102.5, 1.8);

(386850.3, 3769896.6, 81.2, 102.5, 1.8); (

386842.3, 3769873.6, 81.1, 102.5, 1.8);

(386834.3, 3769850.7, 81.0, 102.5, 1.8); (

386826.3, 3769827.7, 80.9, 102.5, 1.8);

(386818.3, 3769804.7, 80.8, 102.5, 1.8); (

386758.6, 3769843.5, 90.3, 92.0, 1.8);

(386787.6, 3769786.7, 82.4, 102.5, 1.8); (

386652.3, 3769693.3, 91.3, 91.3, 1.8);

(386614.0, 3769685.5, 91.0, 91.0, 1.8); (

386590.2, 3769681.8, 90.8, 90.8, 1.8);

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

(386566.6, 3769683.8,	91.0,	91.0,	1.8);	(
386544.1, 3769704.2,	91.2,	91.2,	1.8);	(
(386552.2, 3769749.7,	89.0,	91.1,	1.8);	(
386577.9, 3769758.1,	88.9,	88.9,	1.8);	(
(386613.2, 3769764.6,	88.8,	88.8,	1.8);	(
386646.1, 3769772.3,	88.8,	88.8,	1.8);	(
(386674.2, 3769783.5,	89.1,	89.1,	1.8);	(
386704.0, 3769806.8,	89.3,	89.3,	1.8);	(
(386721.6, 3769824.4,	89.5,	89.5,	1.8);	(
386736.1, 3769846.5,	89.5,	89.5,	1.8);	(
(386746.0, 3769868.1,	89.6,	89.6,	1.8);	(
386755.8, 3769889.6,	89.8,	89.8,	1.8);	(
(386769.7, 3769932.4,	90.0,	90.0,	1.8);	(
386777.1, 3769955.0,	90.2,	90.2,	1.8);	(
(386784.6, 3769977.7,	90.2,	90.2,	1.8);	(
386792.0, 3770000.3,	90.4,	90.4,	1.8);	(
(386799.5, 3770023.0,	90.6,	90.6,	1.8);	(
386806.9, 3770045.6,	90.6,	90.6,	1.8);	(
(386814.4, 3770068.3,	91.1,	91.1,	1.8);	(
386821.8, 3770090.9,	91.5,	91.5,	1.8);	(
(386829.3, 3770113.6,	91.4,	91.4,	1.8);	(
386836.7, 3770136.2,	91.5,	91.5,	1.8);	(
(386844.2, 3770158.9,	91.6,	91.6,	1.8);	(
386851.6, 3770181.5,	91.7,	91.7,	1.8);	(
(386859.1, 3770204.2,	91.6,	91.6,	1.8);	(
386866.5, 3770226.8,	91.7,	91.7,	1.8);	(
(386874.0, 3770249.5,	92.2,	92.2,	1.8);	(
386881.4, 3770272.1,	92.4,	92.4,	1.8);	(
(386888.9, 3770294.8,	92.8,	92.8,	1.8);	(
386896.3, 3770317.4,	92.7,	92.7,	1.8);	(
(386917.3, 3770305.5,	93.0,	93.0,	1.8);	(
386846.3, 3770260.3,	92.3,	92.3,	1.8);	(
(386826.2, 3770248.2,	91.9,	91.9,	1.8);	(
386806.1, 3770236.1,	91.5,	91.5,	1.8);	(
(386786.0, 3770223.9,	91.4,	91.4,	1.8);	(
386765.9, 3770211.8,	91.3,	91.3,	1.8);	(
(386745.8, 3770199.7,	91.3,	91.3,	1.8);	(
386725.8, 3770187.5,	91.2,	91.2,	1.8);	(

(386705.6, 3770175.4,	90.8,	90.8,	1.8);	(
386685.5, 3770163.3,	91.1,	91.1,	1.8);	
(386665.5, 3770151.1,	91.0,	91.0,	1.8);	(
386645.4, 3770139.0,	91.0,	91.0,	1.8);	
(386625.3, 3770126.9,	90.8,	90.8,	1.8);	(
386605.2, 3770114.8,	90.8,	90.8,	1.8);	
(386571.6, 3770122.0,	91.0,	164.9,	1.8);	(
386550.1, 3770153.4,	90.8,	165.1,	1.8);	
(386557.6, 3770188.9,	92.3,	165.1,	1.8);	(
386577.8, 3770201.1,	92.1,	165.1,	1.8);	
(386597.9, 3770213.4,	92.2,	165.1,	1.8);	(
386618.0, 3770225.7,	92.7,	165.1,	1.8);	
(386638.2, 3770238.0,	92.6,	165.1,	1.8);	(
386658.3, 3770250.3,	92.3,	165.1,	1.8);	
(386678.4, 3770262.6,	92.2,	165.1,	1.8);	(
386698.6, 3770274.9,	92.4,	165.1,	1.8);	
(386718.7, 3770287.2,	92.5,	165.1,	1.8);	(
386738.8, 3770299.4,	92.4,	165.1,	1.8);	
(386759.0, 3770311.7,	92.5,	165.1,	1.8);	(
386779.1, 3770324.0,	93.0,	170.4,	1.8);	
(386799.2, 3770336.3,	93.2,	170.9,	1.8);	(
386592.2, 3770136.1,	91.0,	164.9,	1.8);	
(386913.8, 3770330.3,	93.0,	93.0,	1.8);	(
386927.5, 3770332.2,	93.3,	93.3,	1.8);	
(386778.5, 3769879.3,	91.3,	91.3,	1.8);	(
386758.9, 3769836.1,	90.8,	91.8,	1.8);	
(386739.3, 3769806.7,	90.4,	92.0,	1.8);	(
386704.0, 3769771.4,	91.2,	91.2,	1.8);	
(386668.7, 3769751.8,	91.1,	91.3,	1.8);	(
386617.7, 3769740.1,	90.7,	90.7,	1.8);	
(386564.8, 3769730.3,	91.1,	91.1,	1.8);	(
386568.7, 3769708.7,	91.3,	91.3,	1.8);	
(386592.2, 3769706.7,	91.2,	91.2,	1.8);	(
386643.2, 3769716.5,	91.5,	91.5,	1.8);	
(386688.3, 3769734.2,	91.7,	91.7,	1.8);	(
386723.6, 3769753.8,	91.7,	91.7,	1.8);	
(386764.8, 3769796.9,	91.6,	91.6,	1.8);	(
386782.4, 3769836.1,	91.7,	91.7,	1.8);	
(386757.0, 3769753.8,	90.8,	91.7,	1.8);	(
386770.7, 3769744.0,	82.7,	100.9,	1.8);	
(386970.7, 3770318.5,	89.5,	94.2,	1.8);	(
387051.1, 3770293.0,	94.1,	94.1,	1.8);	
(386937.3, 3769969.5,	92.4,	92.4,	1.8);	(
386870.7, 3769757.7,	92.0,	100.9,	1.8);	
(386715.8, 3769718.5,	91.9,	91.9,	1.8);	(
386717.7, 3769702.8,	92.0,	92.0,	1.8);	
(386864.8, 3769718.5,	91.5,	91.5,	1.8);	(
386851.1, 3769691.0,	91.5,	91.5,	1.8);	
(386831.5, 3769653.8,	91.1,	91.1,	1.8);	(
386825.6, 3769606.7,	90.8,	90.8,	1.8);	
(386829.5, 3769540.1,	90.2,	90.2,	1.8);	(
386833.4, 3769512.6,	90.0,	90.0,	1.8);	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

(386851.1, 3769514.6,	90.4,	90.4,	1.8);	(
386849.1, 3769563.6,	91.0,	91.0,	1.8);	
(386857.0, 3769618.5,	91.1,	91.1,	1.8);	(
386876.6, 3769661.6,	91.1,	91.1,	1.8);	
(386906.0, 3769695.0,	91.3,	100.9,	1.8);	(
386931.5, 3769714.6,	91.3,	102.5,	1.8);	
(386964.8, 3769732.2,	91.3,	102.5,	1.8);	(
387004.0, 3769738.1,	91.3,	102.5,	1.8);	
(387149.1, 3769757.7,	91.4,	91.4,	1.8);	(
387143.2, 3769785.2,	91.3,	91.3,	1.8);	
(387102.0, 3769783.2,	91.1,	91.1,	1.8);	(
387062.8, 3769793.0,	91.0,	102.5,	1.8);	
(387049.1, 3769796.9,	88.4,	102.5,	1.8);	(
386998.1, 3769834.2,	91.1,	102.5,	1.8);	
(386974.6, 3769879.3,	90.4,	102.5,	1.8);	(
386966.8, 3769930.3,	90.3,	102.1,	1.8);	
(386970.7, 3769989.1,	91.2,	92.6,	1.8);	(
387068.7, 3770291.0,	93.6,	93.6,	1.8);	
(387343.2, 3770189.1,	91.7,	91.7,	1.8);	(
387351.1, 3770224.4,	92.3,	92.3,	1.8);	
(387296.2, 3770251.8,	92.2,	92.2,	1.8);	(
387292.2, 3770336.1,	92.4,	92.4,	1.8);	
(387213.8, 3770296.9,	92.7,	92.7,	1.8);	(
387143.2, 3770418.5,	92.7,	92.7,	1.8);	
(387088.3, 3770371.4,	93.1,	93.1,	1.8);	(
387055.0, 3770387.1,	91.2,	94.0,	1.8);	
(387025.6, 3770396.9,	83.7,	171.3,	1.8);	(
386992.2, 3770400.9,	84.1,	171.3,	1.8);	
(386976.6, 3770400.9,	92.3,	171.3,	1.8);	(
386978.5, 3770481.2,	91.6,	171.3,	1.8);	
(386972.6, 3770528.3,	94.3,	171.3,	1.8);	(
386923.6, 3770802.8,	95.0,	189.2,	1.8);	
(386892.2, 3770798.9,	96.5,	189.6,	1.8);	(
386927.5, 3770628.3,	95.2,	171.3,	1.8);	
(386958.9, 3770457.7,	93.8,	171.3,	1.8);	(
386907.9, 3770418.5,	93.0,	171.3,	1.8);	
(386886.4, 3770414.6,	93.0,	171.3,	1.8);	(
386843.2, 3770389.1,	93.1,	171.3,	1.8);	

(386872.6, 3770351.8, 92.5, 171.2, 1.8); (

386570.7, 3770167.5, 91.5, 165.1, 1.8);

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

Surface file: CELA_v9.SFC
 Met Version: 16216
 Profile file: CELA_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 93134 Upper air station no.:
 3190
 Name: UNKNOWN Name:
 UNKNOWN Year: 2010 Year:
 2010

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					
10	01	01	1	01	-33.0	0.331	-9.000	-9.000	-999.	456.	120.2	0.56	
0.86	1.00			3.10	38.	21.3	284.9	17.7					
10	01	01	1	02	-26.9	0.285	-9.000	-9.000	-999.	367.	89.6	0.56	
0.86	1.00			2.70	38.	21.3	284.2	17.7					
10	01	01	1	03	-38.6	0.387	-9.000	-9.000	-999.	577.	164.6	0.56	
0.86	1.00			3.60	35.	21.3	284.2	17.7					
10	01	01	1	04	-33.0	0.331	-9.000	-9.000	-999.	458.	120.2	0.56	
0.86	1.00			3.10	34.	21.3	283.8	17.7					
10	01	01	1	05	-33.1	0.331	-9.000	-9.000	-999.	456.	120.2	0.56	
0.86	1.00			3.10	37.	21.3	283.1	17.7					
10	01	01	1	06	-38.7	0.387	-9.000	-9.000	-999.	577.	164.5	0.56	
0.86	1.00			3.60	24.	21.3	283.1	17.7					
10	01	01	1	07	-38.6	0.387	-9.000	-9.000	-999.	577.	164.5	0.56	
0.86	1.00			3.60	35.	21.3	283.8	17.7					
10	01	01	1	08	-29.6	0.435	-9.000	-9.000	-999.	688.	251.8	0.56	
0.86	0.55			4.00	35.	21.3	283.8	17.7					
10	01	01	1	09	30.0	0.426	0.367	0.008	59.	666.	-232.0	0.56	
0.86	0.32			3.60	38.	21.3	286.4	17.7					
10	01	01	1	10	72.3	0.359	0.629	0.008	124.	519.	-57.8	0.56	
0.86	0.24			2.70	34.	21.3	290.4	17.7					
10	01	01	1	11	104.4	0.321	0.998	0.008	344.	437.	-28.6	0.56	
0.86	0.21			2.20	43.	21.3	292.5	17.7					
10	01	01	1	12	115.1	0.283	1.156	0.008	484.	363.	-17.9	0.56	
0.86	0.20			1.80	62.	21.3	295.9	17.7					

10	01	01	1	13	91.4	0.406	1.130	0.008	568.	622.	-66.2	0.56
0.86	0.20			3.10	263.	21.3	294.2	17.7				
10	01	01	1	14	89.3	0.316	1.168	0.008	642.	432.	-31.9	0.56
0.86	0.21			2.20	259.	21.3	294.9	17.7				
10	01	01	1	15	42.6	0.295	0.928	0.008	675.	384.	-54.0	0.56
0.86	0.25			2.20	267.	21.3	294.9	17.7				
10	01	01	1	16	12.0	0.359	0.609	0.008	680.	516.	-347.9	0.56
0.86	0.33			3.10	264.	21.3	292.5	17.7				
10	01	01	1	17	-15.7	0.231	-9.000	-9.000	-999.	276.	70.7	0.56
0.86	0.60			2.20	288.	21.3	290.9	17.7				
10	01	01	1	18	-6.1	0.135	-9.000	-9.000	-999.	124.	36.7	0.56
0.86	1.00			1.30	344.	21.3	289.2	17.7				
10	01	01	1	19	-11.4	0.184	-9.000	-9.000	-999.	190.	49.2	0.56
0.86	1.00			1.80	2.	21.3	288.8	17.7				
10	01	01	1	20	-17.4	0.229	-9.000	-9.000	-999.	263.	62.1	0.56
0.86	1.00			2.20	22.	21.3	288.1	17.7				
10	01	01	1	21	-17.4	0.229	-9.000	-9.000	-999.	263.	61.9	0.56
0.86	1.00			2.20	40.	21.3	287.0	17.7				
10	01	01	1	22	-11.5	0.184	-9.000	-9.000	-999.	190.	49.1	0.56
0.86	1.00			1.80	306.	21.3	287.0	17.7				
10	01	01	1	23	-11.5	0.184	-9.000	-9.000	-999.	190.	49.0	0.56
0.86	1.00			1.80	45.	21.3	286.4	17.7				
10	01	01	1	24	-11.5	0.184	-9.000	-9.000	-999.	190.	49.0	0.56
0.86	1.00			1.80	67.	21.3	286.4	17.7				

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	17.7	0	-999.	-99.00	284.9	99.0	-99.00	-99.00
10	01	01	01	21.3	1	38.	3.10	-999.0	99.0	-99.00	-99.00

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
386823.60	3770373.60	6.82522		
386824.57	3770402.14	6.12107		
386844.88	3770419.11	7.06015		
386873.64	3770436.10	9.27959		
386903.46	3770443.10	12.41359		
386926.67	3770464.46	15.04012		
386925.36	3770501.94	13.97366		
386920.88	3770526.31	13.70961		
386916.40	3770550.68	13.80223		
386911.92	3770575.05	13.67095		
386907.43	3770599.42	13.51114		
386902.95	3770623.79	13.30215		
386898.02	3770647.61	13.28031		
386892.97	3770671.98	12.91077		
386887.93	3770696.35	12.91304		
386882.89	3770720.72	12.66602		
386877.84	3770745.09	11.75907		
386872.80	3770769.46	9.64137		
386867.76	3770793.83	5.72009		
386880.53	3770818.58	4.65965		
386904.83	3770825.67	7.65910		
386948.22	3770807.21	9.23161		
386952.31	3770784.34	10.94332		
386956.39	3770761.46	11.49550		
386960.48	3770738.59	11.66316		
386964.56	3770715.71	11.93636		
386968.65	3770692.84	11.85378		
386972.73	3770669.96	12.12858		
386976.82	3770647.08	12.07707		

	386980.90	3770624.21	11.96790
386984.99	3770601.33	11.38994	
	386989.07	3770578.46	11.25484
386993.16	3770555.58	11.06540	
	386997.24	3770532.70	10.72680
387000.38	3770507.88	10.65268	
	387003.33	3770484.35	10.29406
387003.02	3770460.54	10.99402	
	387002.04	3770420.35	13.26057
387028.50	3770421.77	8.87770	
	387062.90	3770410.85	6.86207
387098.96	3770394.07	5.56750	
	387108.65	3770421.80	4.22885
387126.95	3770437.48	3.42038	
	387164.84	3770431.05	2.67192
387176.60	3770410.79	2.63919	
	387188.37	3770390.53	2.63034
387200.13	3770370.27	2.65689	
	387211.90	3770350.01	2.70876
387223.66	3770329.75	2.77950	
	387235.43	3770309.49	2.89586
387202.63	3770319.30	4.01784	
	387261.45	3770348.71	1.83766
387311.05	3770347.51	1.37802	
	387318.19	3770316.23	1.51354
387320.15	3770274.08	2.14631	
	387343.95	3770255.90	2.18645
387375.47	3770218.96	1.23441	
	387367.62	3770183.66	0.83077
387334.52	3770165.65	1.15487	
	387311.64	3770174.15	1.70181
387288.76	3770182.65	2.09977	
	387265.89	3770191.14	2.32398
387243.01	3770199.64	2.47599	
	387220.14	3770208.14	2.56257
387197.26	3770216.63	2.70757	
	387174.38	3770225.13	2.94694
387151.51	3770233.63	3.20606	
	387128.63	3770242.12	3.42847
387105.76	3770250.62	3.63426	
	387082.88	3770259.12	3.97302
387077.41	3770236.87	3.44664	
	387069.86	3770213.65	3.16916
387062.32	3770190.42	3.03755	
	387054.78	3770167.19	2.95445
387047.24	3770143.96	2.88265	
	387039.70	3770120.74	2.82757
387032.16	3770097.51	2.79843	
	387024.61	3770074.28	2.77283
387017.07	3770051.05	2.75197	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
387009.53	3770027.83	2.73464		
387001.99	3770004.60	2.71965		
386994.45	3769981.37	2.72212		
386993.00	3769948.21	2.52124		
386994.08	3769917.08	2.31815		
386999.31	3769883.09	2.07788		
387012.45	3769860.78	1.81856		
387029.87	3769841.95	1.58777		
387063.85	3769817.11	1.23536		
387088.50	3769812.36	1.04105		
387121.45	3769809.16	0.84834		
387163.07	3769797.70	0.65590		
387173.55	3769762.96	0.56396		
387152.46	3769732.95	0.56434		
387128.27	3769729.68	0.62772		
387104.09	3769726.41	0.70974		
387079.91	3769723.14	0.80571		
387055.72	3769719.87	0.92434		
387031.54	3769716.60	1.05861		
387007.36	3769713.34	1.24778		
386968.50	3769707.51	1.58343		
386943.16	3769692.49	1.73891		
386921.21	3769675.16	1.83159		
386895.31	3769645.10	1.70238		
386879.71	3769608.15	1.46456		
386876.46	3769578.36	1.27177		
386875.06	3769540.09	1.06765		
386876.05	3769515.58	0.96296		
386861.93	3769494.01	0.94009		
386836.18	3769487.77	1.01701		

	386813.39	3769500.97	1.15094
386806.71	3769522.81	1.28227	
	386803.24	3769560.83	1.53726
386800.62	3769605.27	1.92819	
	386803.71	3769633.37	2.23263
386806.65	3769656.90	2.54111	
	386819.14	3769684.07	2.98381
386842.93	3769691.03	2.95010	
	386793.91	3769685.80	3.26827
386769.40	3769683.19	3.79667	
	386744.89	3769680.57	4.72489
386720.38	3769677.96	5.81880	
	386697.56	3769691.47	8.20010
386690.96	3769715.40	14.03658	
	386709.63	3769742.74	22.47337
386731.76	3769748.34	16.59910	
	386753.89	3769753.94	12.27050
386798.15	3769765.15	6.64405	
	386820.28	3769770.75	4.96272
386842.41	3769776.35	3.80375	
	386864.53	3769781.96	3.48355
386861.64	3769812.29	4.11005	
	386869.05	3769835.81	4.45215
386876.46	3769859.34	4.59981	
	386883.86	3769882.87	4.78251
386891.27	3769906.40	4.95156	
	386898.68	3769929.93	5.10300
386906.09	3769953.46	5.18354	
	386913.49	3769976.99	5.22229
386921.88	3770000.88	5.21665	
	386930.00	3770023.99	5.18411
386938.13	3770047.10	5.10704	
	386946.25	3770070.21	5.12287
386954.37	3770093.32	5.23016	
	386962.50	3770116.43	5.41946
386970.62	3770139.54	5.58770	
	386978.74	3770162.65	5.70990
386986.87	3770185.75	5.81068	
	386994.99	3770208.86	5.85215
387003.11	3770231.97	5.80595	
	387011.24	3770255.08	5.88234
387019.36	3770278.19	6.37074	
	386983.21	3770288.30	9.90012
386994.28	3770310.28	11.39149	
	386978.28	3770264.32	9.03191
386970.28	3770241.34	9.08825	
	386962.28	3770218.36	8.97549
386954.28	3770195.38	8.74086	
	386946.28	3770172.40	8.67648
386938.28	3770149.42	8.72442	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
386930.28	3770126.44	8.86652		
386922.28	3770103.46	8.94683		
386914.28	3770080.48	8.95295		
386906.28	3770057.50	8.90718		
386898.28	3770034.52	8.83927		
386890.28	3770011.54	8.75837		
386882.28	3769988.56	8.65161		
386874.28	3769965.57	8.56069		
386866.28	3769942.59	8.46436		
386858.28	3769919.61	8.36231		
386850.28	3769896.63	8.14313		
386842.28	3769873.65	7.71668		
386834.28	3769850.67	7.26329		
386826.28	3769827.69	6.99170		
386818.28	3769804.71	6.21440		
386758.56	3769843.54	27.13856		
386787.59	3769786.67	9.81311		
386652.33	3769693.26	11.31681		
386613.95	3769685.46	10.84775		
386590.16	3769681.83	10.39434		
386566.63	3769683.79	9.75171		
386544.11	3769704.23	8.62499		
386552.23	3769749.66	6.79546		
386577.89	3769758.12	9.98805		
386613.18	3769764.65	13.94713		
386646.09	3769772.28	16.39806		
386674.22	3769783.50	17.80128		
386703.97	3769806.77	17.15818		
386721.62	3769824.42	16.97840		
386736.15	3769846.50	15.98440		

	386745.96	3769868.07	15.08967
386755.76	3769889.64	15.01795	
	386769.67	3769932.40	14.79389
386777.13	3769955.04	15.03231	
	386784.58	3769977.69	15.30922
386792.03	3770000.34	15.62720	
	386799.48	3770022.99	15.86759
386806.93	3770045.63	16.05962	
	386814.38	3770068.28	16.33831
386821.83	3770090.93	16.59478	
	386829.28	3770113.57	16.72475
386836.73	3770136.22	16.92413	
	386844.18	3770158.87	17.11352
386851.64	3770181.51	17.31451	
	386859.09	3770204.16	17.51028
386866.54	3770226.81	17.77734	
	386873.99	3770249.46	18.23320
386881.44	3770272.10	18.68725	
	386888.89	3770294.75	19.33207
386896.34	3770317.40	20.70537	
	386917.34	3770305.52	34.38873
386846.34	3770260.34	11.88345	
	386826.24	3770248.20	10.19493
386806.14	3770236.07	9.03547	
	386786.04	3770223.94	8.19302
386765.94	3770211.81	7.58472	
	386745.85	3770199.67	7.04455
386725.75	3770187.54	6.56141	
	386705.65	3770175.41	6.14814
386685.55	3770163.28	5.74606	
	386665.45	3770151.14	5.38713
386645.36	3770139.01	5.02510	
	386625.26	3770126.88	4.67241
386605.16	3770114.75	4.18728	
	386571.64	3770121.99	3.64679
386550.07	3770153.36	3.10913	
	386557.64	3770188.86	2.75457
386577.78	3770201.15	3.23914	
	386597.91	3770213.43	3.74927
386618.04	3770225.72	4.10175	
	386638.17	3770238.01	4.41536
386658.30	3770250.30	4.74961	
	386678.43	3770262.59	5.04128
386698.56	3770274.87	5.29890	
	386718.69	3770287.16	5.60155
386738.82	3770299.45	5.97366	
	386758.95	3770311.74	6.36919
386779.08	3770324.03	6.74384	
	386799.21	3770336.31	7.26501
386592.24	3770136.15	5.12366	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
386913.81	3770330.27	28.35555		
386927.54	3770332.23	37.74839		
386778.52	3769879.29	29.22784		
386758.91	3769836.15	32.01171		
386739.30	3769806.74	32.92511		
386704.01	3769771.44	37.24625		
386668.71	3769751.84	36.28765		
386617.73	3769740.07	29.31126		
386564.79	3769730.27	12.80659		
386568.71	3769708.70	16.60605		
386592.24	3769706.74	20.41112		
386643.22	3769716.54	24.12056		
386688.32	3769734.19	26.29326		
386723.61	3769753.80	23.22997		
386764.79	3769796.93	23.50878		
386782.44	3769836.15	25.09251		
386756.95	3769753.80	11.47784		
386770.67	3769743.99	7.40753		
386970.67	3770318.50	18.89403		
387051.07	3770293.01	6.03929		
386937.34	3769969.48	4.28442		
386870.67	3769757.72	3.35131		
386715.77	3769718.50	10.81093		
386717.73	3769702.82	8.09619		
386864.79	3769718.50	3.41780		
386851.07	3769691.05	2.90755		
386831.46	3769653.80	2.38241		
386825.58	3769606.74	1.86013		
386829.50	3769540.07	1.31451		
386833.42	3769512.62	1.13429		

	386851.07	3769514.58	1.06333
386849.10	3769563.60	1.41586	
	386856.95	3769618.50	1.79349
386876.56	3769661.64	2.16176	
	386905.97	3769694.97	2.34585
386931.46	3769714.58	2.14720	
	386964.79	3769732.23	1.91164
387004.01	3769738.11	1.50542	
	387149.11	3769757.72	0.62409
387143.22	3769785.17	0.70753	
	387102.05	3769783.21	1.00992
387062.83	3769793.01	1.29555	
	387049.10	3769796.93	1.41745
386998.12	3769834.19	2.09818	
	386974.60	3769879.29	2.63831
386966.75	3769930.27	3.03270	
	386970.67	3769989.09	3.40583
387068.71	3770291.05	5.33512	
	387343.22	3770189.09	1.48529
387351.07	3770224.39	3.00487	
	387296.16	3770251.84	4.93777
387292.24	3770336.15	1.60009	
	387213.81	3770296.94	4.61543
387143.22	3770418.50	3.26964	
	387088.32	3770371.45	8.75279
387054.99	3770387.13	11.17761	
	387025.58	3770396.94	11.52245
386992.24	3770400.86	17.87786	
	386976.56	3770400.86	29.14268
386978.52	3770481.25	22.28927	
	386972.63	3770528.31	26.58345
386923.61	3770802.82	22.10387	
	386892.24	3770798.90	10.42216
386927.54	3770628.31	26.76765	
	386958.91	3770457.72	33.27485
386907.93	3770418.50	14.14374	
	386886.36	3770414.58	10.97288
386843.22	3770389.09	7.48397	
	386872.63	3770351.84	15.23918
386570.67	3770167.52	4.03496	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
386823.60	3770373.60	135.36315		
386824.57	3770402.14	134.17017		
386844.88	3770419.11	135.93525		
386873.64	3770436.10	138.04691		
386903.46	3770443.10	146.17298		
386926.67	3770464.46	145.74703		
386925.36	3770501.94	193.46913		
386920.88	3770526.31	172.78572		
386916.40	3770550.68	157.75247		
386911.92	3770575.05	157.42880		
386907.43	3770599.42	146.73767		
386902.95	3770623.79	147.90161		
386898.02	3770647.61	159.83709		
386892.97	3770671.98	175.09183		
386887.93	3770696.35	166.15665		
386882.89	3770720.72	170.15018		
386877.84	3770745.09	173.36454		
386872.80	3770769.46	218.37620		
386867.76	3770793.83	153.51475		
386880.53	3770818.58	151.67559		
386904.83	3770825.67	181.53318		
386948.22	3770807.21	156.70726		
386952.31	3770784.34	158.30610		
386956.39	3770761.46	155.87214		
386960.48	3770738.59	153.51323		
386964.56	3770715.71	160.67094		
386968.65	3770692.84	160.58275		
386972.73	3770669.96	161.02261		
386976.82	3770647.08	157.20867		

	386980.90	3770624.21	158.12021
386984.99	3770601.33	152.33383	
	386989.07	3770578.46	152.92100
386993.16	3770555.58	148.63585	
	386997.24	3770532.70	147.01543
387000.38	3770507.88	147.58981	
	387003.33	3770484.35	146.27022
387003.02	3770460.54	154.29407	
	387002.04	3770420.35	176.52679
387028.50	3770421.77	146.63916	
	387062.90	3770410.85	139.72994
387098.96	3770394.07	135.77846	
	387108.65	3770421.80	130.22577
387126.95	3770437.48	124.29571	
	387164.84	3770431.05	115.97122
387176.60	3770410.79	114.42995	
	387188.37	3770390.53	112.85922
387200.13	3770370.27	111.23646	
	387211.90	3770350.01	109.78989
387223.66	3770329.75	109.26729	
	387235.43	3770309.49	110.13193
387202.63	3770319.30	119.83738	
	387261.45	3770348.71	93.00388
387311.05	3770347.51	80.57240	
	387318.19	3770316.23	82.88797
387320.15	3770274.08	91.75330	
	387343.95	3770255.90	93.05125
387375.47	3770218.96	94.67835	
	387367.62	3770183.66	89.51250
387334.52	3770165.65	87.35445	
	387311.64	3770174.15	90.34034
387288.76	3770182.65	93.34164	
	387265.89	3770191.14	96.38319
387243.01	3770199.64	100.73995	
	387220.14	3770208.14	104.31283
387197.26	3770216.63	108.07635	
	387174.38	3770225.13	110.83698
387151.51	3770233.63	113.05377	
	387128.63	3770242.12	115.20780
387105.76	3770250.62	118.91239	
	387082.88	3770259.12	124.24154
387077.41	3770236.87	121.98379	
	387069.86	3770213.65	120.02357
387062.32	3770190.42	119.05271	
	387054.78	3770167.19	115.81639
387047.24	3770143.96	113.03047	
	387039.70	3770120.74	111.39049
387032.16	3770097.51	110.79996	
	387024.61	3770074.28	110.55695
387017.07	3770051.05	109.85937	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
387009.53	3770027.83	108.59416		
387001.99	3770004.60	101.96279		
386994.45	3769981.37	103.29874		
386993.00	3769948.21	100.61638		
386994.08	3769917.08	99.44703		
386999.31	3769883.09	99.61087		
387012.45	3769860.78	98.61819		
387029.87	3769841.95	88.97385		
387063.85	3769817.11	75.31955		
387088.50	3769812.36	70.16470		
387121.45	3769809.16	65.36260		
387163.07	3769797.70	60.44648		
387173.55	3769762.96	58.23781		
387152.46	3769732.95	59.29841		
387128.27	3769729.68	61.96519		
387104.09	3769726.41	65.06612		
387079.91	3769723.14	68.41311		
387055.72	3769719.87	72.52662		
387031.54	3769716.60	77.13831		
387007.36	3769713.34	82.86090		
386968.50	3769707.51	92.25912		
386943.16	3769692.49	96.26720		
386921.21	3769675.16	98.50466		
386895.31	3769645.10	99.49998		
386879.71	3769608.15	96.68901		
386876.46	3769578.36	92.02948		
386875.06	3769540.09	86.05555		
386876.05	3769515.58	81.98967		
386861.93	3769494.01	80.78747		
386836.18	3769487.77	83.63836		

	386813.39	3769500.97	88.96217
386806.71	3769522.81	94.22476	
	386803.24	3769560.83	102.28015
386800.62	3769605.27	110.34540	
	386803.71	3769633.37	114.56061
386806.65	3769656.90	117.76735	
	386819.14	3769684.07	120.57709
386842.93	3769691.03	117.05250	
	386793.91	3769685.80	124.45759
386769.40	3769683.19	129.37124	
	386744.89	3769680.57	135.00798
386720.38	3769677.96	139.39595	
	386697.56	3769691.47	157.61909
386690.96	3769715.40	230.82048	
	386709.63	3769742.74	291.49418
386731.76	3769748.34	228.75759	
	386753.89	3769753.94	180.83081
386798.15	3769765.15	136.60131	
	386820.28	3769770.75	132.70687
386842.41	3769776.35	130.08831	
	386864.53	3769781.96	129.70818
386861.64	3769812.29	134.03851	
	386869.05	3769835.81	134.47339
386876.46	3769859.34	135.26841	
	386883.86	3769882.87	136.99923
386891.27	3769906.40	132.27081	
	386898.68	3769929.93	130.38801
386906.09	3769953.46	130.52645	
	386913.49	3769976.99	131.16543
386921.88	3770000.88	131.35495	
	386930.00	3770023.99	129.80058
386938.13	3770047.10	132.30003	
	386946.25	3770070.21	135.12854
386954.37	3770093.32	133.15181	
	386962.50	3770116.43	131.91411
386970.62	3770139.54	129.40171	
	386978.74	3770162.65	129.51971
386986.87	3770185.75	129.96290	
	386994.99	3770208.86	131.30276
387003.11	3770231.97	132.54278	
	387011.24	3770255.08	134.75158
387019.36	3770278.19	137.41607	
	386983.21	3770288.30	148.97772
386994.28	3770310.28	157.96139	
	386978.28	3770264.32	139.98263
386970.28	3770241.34	138.43806	
	386962.28	3770218.36	139.83360
386954.28	3770195.38	141.88085	
	386946.28	3770172.40	139.04709
386938.28	3770149.42	140.33833	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN
 **

X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
386930.28	3770126.44	140.57111	
386922.28	3770103.46	140.05078	
386914.28	3770080.48	140.18827	
386906.28	3770057.50	140.30189	
386898.28	3770034.52	142.70718	
386890.28	3770011.54	144.50820	
386882.28	3769988.56	140.55007	
386874.28	3769965.57	138.72367	
386866.28	3769942.59	138.67703	
386858.28	3769919.61	139.78069	
386850.28	3769896.63	139.43798	
386842.28	3769873.65	138.35651	
386834.28	3769850.67	137.47151	
386826.28	3769827.69	135.49030	
386818.28	3769804.71	136.54197	
386758.56	3769843.54	221.46169	
386787.59	3769786.67	140.53469	
386652.33	3769693.26	205.79061	
386613.95	3769685.46	209.23142	
386590.16	3769681.83	202.35137	
386566.63	3769683.79	181.14288	
386544.11	3769704.23	160.57998	
386552.23	3769749.66	139.83669	
386577.89	3769758.12	140.29790	
386613.18	3769764.65	141.24615	
386646.09	3769772.28	146.31210	
386674.22	3769783.50	149.94900	
386703.97	3769806.77	146.00741	
386721.62	3769824.42	141.82268	
386736.15	3769846.50	141.12900	

	386745.96	3769868.07	142.61049
386755.76	3769889.64	154.01622	
	386769.67	3769932.40	154.95231
386777.13	3769955.04	162.03076	
	386784.58	3769977.69	168.38977
386792.03	3770000.34	164.61709	
	386799.48	3770022.99	165.40405
386806.93	3770045.63	163.51884	
	386814.38	3770068.28	165.64556
386821.83	3770090.93	168.93196	
	386829.28	3770113.57	171.42333
386836.73	3770136.22	172.57503	
	386844.18	3770158.87	172.28372
386851.64	3770181.51	174.09315	
	386859.09	3770204.16	174.97602
386866.54	3770226.81	183.33976	
	386873.99	3770249.46	183.86335
386881.44	3770272.10	193.10311	
	386888.89	3770294.75	207.71943
386896.34	3770317.40	217.28096	
	386917.34	3770305.52	490.80927
386846.34	3770260.34	142.89728	
	386826.24	3770248.20	137.49977
386806.14	3770236.07	134.81969	
	386786.04	3770223.94	131.39065
386765.94	3770211.81	128.50542	
	386745.85	3770199.67	125.33742
386725.75	3770187.54	122.30629	
	386705.65	3770175.41	119.58816
386685.55	3770163.28	116.97141	
	386665.45	3770151.14	114.60913
386645.36	3770139.01	112.36657	
	386625.26	3770126.88	110.54459
386605.16	3770114.75	108.69297	
	386571.64	3770121.99	106.96100
386550.07	3770153.36	104.08710	
	386557.64	3770188.86	103.04792
386577.78	3770201.15	109.78681	
	386597.91	3770213.43	111.65547
386618.04	3770225.72	112.78216	
	386638.17	3770238.01	113.94484
386658.30	3770250.30	115.74505	
	386678.43	3770262.59	117.26430
386698.56	3770274.87	118.98794	
	386718.69	3770287.16	121.06110
386738.82	3770299.45	123.90483	
	386758.95	3770311.74	127.28246
386779.08	3770324.03	130.61360	
	386799.21	3770336.31	132.74744
386592.24	3770136.15	120.55447	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
386913.81	3770330.27	301.83123		
386927.54	3770332.23	435.25196		
386778.52	3769879.29	295.31721		
386758.91	3769836.15	270.14544		
386739.30	3769806.74	278.05713		
386704.01	3769771.44	322.38584		
386668.71	3769751.84	326.03899		
386617.73	3769740.07	261.19653		
386564.79	3769730.27	244.82039		
386568.71	3769708.70	331.54161		
386592.24	3769706.74	373.33206		
386643.22	3769716.54	370.62059		
386688.32	3769734.19	377.31731		
386723.61	3769753.80	289.37862		
386764.79	3769796.93	257.17479		
386782.44	3769836.15	229.14156		
386756.95	3769753.80	172.02587		
386770.67	3769743.99	139.39093		
386970.67	3770318.50	217.27927		
387051.07	3770293.01	138.18201		
386937.34	3769969.48	128.11131		
386870.67	3769757.72	122.94312		
386715.77	3769718.50	184.38024		
386717.73	3769702.82	154.31656		
386864.79	3769718.50	117.88081		
386851.07	3769691.05	115.38275		
386831.46	3769653.80	113.57793		
386825.58	3769606.74	107.41113		
386829.50	3769540.07	95.01455		
386833.42	3769512.62	88.51178		

	386851.07	3769514.58	85.81026
386849.10	3769563.60	96.40502	
	386856.95	3769618.50	104.10050
386876.56	3769661.64	107.12891	
	386905.97	3769694.97	106.31360
386931.46	3769714.58	103.89498	
	386964.79	3769732.23	99.56342
387004.01	3769738.11	88.71202	
	387149.11	3769757.72	60.49464
387143.22	3769785.17	61.59457	
	387102.05	3769783.21	66.01516
387062.83	3769793.01	73.14596	
	387049.10	3769796.93	76.05099
386998.12	3769834.19	99.81012	
	386974.60	3769879.29	109.12927
386966.75	3769930.27	114.31798	
	386970.67	3769989.09	118.22393
387068.71	3770291.05	132.49328	
	387343.22	3770189.09	108.47533
387351.07	3770224.39	115.50137	
	387296.16	3770251.84	115.00193
387292.24	3770336.15	85.77922	
	387213.81	3770296.94	123.29395
387143.22	3770418.50	122.26226	
	387088.32	3770371.45	141.67189
387054.99	3770387.13	159.37087	
	387025.58	3770396.94	160.73476
386992.24	3770400.86	213.19614	
	386976.56	3770400.86	334.04391
386978.52	3770481.25	243.21688	
	386972.63	3770528.31	290.66483
386923.61	3770802.82	320.97276	
	386892.24	3770798.90	270.84518
386927.54	3770628.31	349.62408	
	386958.91	3770457.72	338.11758
386907.93	3770418.50	169.10832	
	386886.36	3770414.58	146.53211
386843.22	3770389.09	137.00475	
	386872.63	3770351.84	195.39671
386570.67	3770167.52	118.22887	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN
 **

X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
386838.30	3770354.97	132.61797	
386823.60	3770373.60	124.18289	
386824.57	3770402.14	122.93192	
386844.88	3770419.11	128.94728	
386873.64	3770436.10	132.84113	
386903.46	3770443.10	138.84912	
386926.67	3770464.46	140.87337	
386925.36	3770501.94	154.33533	
386920.88	3770526.31	149.95205	
386916.40	3770550.68	147.86988	
386911.92	3770575.05	147.12844	
386907.43	3770599.42	141.91558	
386902.95	3770623.79	142.03629	
386898.02	3770647.61	142.70216	
386892.97	3770671.98	147.62520	
386887.93	3770696.35	147.75417	
386882.89	3770720.72	145.82183	
386877.84	3770745.09	146.36351	
386872.80	3770769.46	144.04804	
386867.76	3770793.83	137.77115	
386880.53	3770818.58	139.97177	
386904.83	3770825.67	151.22751	
386948.22	3770807.21	141.05550	
386952.31	3770784.34	140.76478	
386956.39	3770761.46	140.58524	
386960.48	3770738.59	140.26473	
386964.56	3770715.71	140.63645	
386968.65	3770692.84	141.48693	
386972.73	3770669.96	141.47399	
386976.82	3770647.08	142.30922	

	386980.90	3770624.21	141.75035
386984.99	3770601.33	140.43885	
	386989.07	3770578.46	139.71984
386993.16	3770555.58	139.37471	
	386997.24	3770532.70	139.21765
387000.38	3770507.88	139.44329	
	387003.33	3770484.35	139.17573
387003.02	3770460.54	139.37638	
	387002.04	3770420.35	145.29609
387028.50	3770421.77	134.92488	
	387062.90	3770410.85	128.58684
387098.96	3770394.07	121.76431	
	387108.65	3770421.80	112.57716
387126.95	3770437.48	103.29615	
	387164.84	3770431.05	91.15746
387176.60	3770410.79	90.64931	
	387188.37	3770390.53	90.40688
387200.13	3770370.27	91.35333	
	387211.90	3770350.01	92.47499
387223.66	3770329.75	95.01821	
	387235.43	3770309.49	97.45957
387202.63	3770319.30	109.61896	
	387261.45	3770348.71	75.97563
387311.05	3770347.51	64.76492	
	387318.19	3770316.23	68.50071
387320.15	3770274.08	76.83687	
	387343.95	3770255.90	77.70890
387375.47	3770218.96	76.73504	
	387367.62	3770183.66	72.78160
387334.52	3770165.65	73.79842	
	387311.64	3770174.15	77.34306
387288.76	3770182.65	80.08494	
	387265.89	3770191.14	82.35379
387243.01	3770199.64	86.41211	
	387220.14	3770208.14	90.13718
387197.26	3770216.63	95.25074	
	387174.38	3770225.13	99.87138
387151.51	3770233.63	103.25450	
	387128.63	3770242.12	106.51219
387105.76	3770250.62	111.04951	
	387082.88	3770259.12	116.95636
387077.41	3770236.87	115.25354	
	387069.86	3770213.65	113.08377
387062.32	3770190.42	111.41403	
	387054.78	3770167.19	109.29028
387047.24	3770143.96	106.98027	
	387039.70	3770120.74	105.16293
387032.16	3770097.51	103.04562	
	387024.61	3770074.28	100.99020
387017.07	3770051.05	98.23461	

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 *** 23:12:18

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
387009.53	3770027.83	92.87833		
387001.99	3770004.60	91.35320		
386994.45	3769981.37	93.53284		
386993.00	3769948.21	91.13415		
386994.08	3769917.08	86.12684		
386999.31	3769883.09	83.38764		
387012.45	3769860.78	80.63576		
387029.87	3769841.95	76.51562		
387063.85	3769817.11	68.19161		
387088.50	3769812.36	63.72542		
387121.45	3769809.16	58.72913		
387163.07	3769797.70	53.66308		
387173.55	3769762.96	51.96750		
387152.46	3769732.95	52.89186		
387128.27	3769729.68	55.52358		
387104.09	3769726.41	58.45634		
387079.91	3769723.14	61.87745		
387055.72	3769719.87	65.52930		
387031.54	3769716.60	69.55557		
387007.36	3769713.34	74.67081		
386968.50	3769707.51	82.12582		
386943.16	3769692.49	86.23401		
386921.21	3769675.16	88.44278		
386895.31	3769645.10	89.82603		
386879.71	3769608.15	86.37723		
386876.46	3769578.36	81.44084		
386875.06	3769540.09	75.70310		
386876.05	3769515.58	72.09023		
386861.93	3769494.01	70.56487		
386836.18	3769487.77	71.66165		

	386813.39	3769500.97	76.61640
386806.71	3769522.81	81.36321	
	386803.24	3769560.83	90.22343
386800.62	3769605.27	101.84189	
	386803.71	3769633.37	107.63090
386806.65	3769656.90	111.34334	
	386819.14	3769684.07	114.47426
386842.93	3769691.03	110.86669	
	386793.91	3769685.80	118.52129
386769.40	3769683.19	124.06712	
	386744.89	3769680.57	131.06584
386720.38	3769677.96	136.87487	
	386697.56	3769691.47	145.99402
386690.96	3769715.40	211.97678	
	386709.63	3769742.74	270.65561
386731.76	3769748.34	207.46855	
	386753.89	3769753.94	164.95814
386798.15	3769765.15	132.95444	
	386820.28	3769770.75	127.68289
386842.41	3769776.35	124.14713	
	386864.53	3769781.96	124.11915
386861.64	3769812.29	124.88660	
	386869.05	3769835.81	124.77458
386876.46	3769859.34	124.42352	
	386883.86	3769882.87	123.56576
386891.27	3769906.40	122.31482	
	386898.68	3769929.93	123.12595
386906.09	3769953.46	123.55526	
	386913.49	3769976.99	124.22837
386921.88	3770000.88	124.58628	
	386930.00	3770023.99	124.38034
386938.13	3770047.10	124.04630	
	386946.25	3770070.21	123.35176
386954.37	3770093.32	123.10835	
	386962.50	3770116.43	123.34637
386970.62	3770139.54	123.36607	
	386978.74	3770162.65	122.43419
386986.87	3770185.75	122.39683	
	386994.99	3770208.86	124.89166
387003.11	3770231.97	128.84578	
	387011.24	3770255.08	130.77565
387019.36	3770278.19	133.61845	
	386983.21	3770288.30	140.39016
386994.28	3770310.28	143.56723	
	386978.28	3770264.32	137.83818
386970.28	3770241.34	136.11682	
	386962.28	3770218.36	136.03184
386954.28	3770195.38	136.73682	
	386946.28	3770172.40	136.61482
386938.28	3770149.42	136.67904	

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 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
386930.28	3770126.44	136.14547		
386922.28	3770103.46	136.14935		
386914.28	3770080.48	136.36752		
386906.28	3770057.50	136.29840		
386898.28	3770034.52	136.45988		
386890.28	3770011.54	136.54771		
386882.28	3769988.56	136.47402		
386874.28	3769965.57	136.29701		
386866.28	3769942.59	136.11246		
386858.28	3769919.61	136.14175		
386850.28	3769896.63	135.93194		
386842.28	3769873.65	134.84792		
386834.28	3769850.67	132.22549		
386826.28	3769827.69	129.16074		
386818.28	3769804.71	129.97867		
386758.56	3769843.54	200.25510		
386787.59	3769786.67	138.59658		
386652.33	3769693.26	187.74412		
386613.95	3769685.46	188.01524		
386590.16	3769681.83	180.81872		
386566.63	3769683.79	159.29698		
386544.11	3769704.23	140.89697		
386552.23	3769749.66	134.07819		
386577.89	3769758.12	136.44351		
386613.18	3769764.65	138.80790		
386646.09	3769772.28	140.40678		
386674.22	3769783.50	141.62190		
386703.97	3769806.77	140.32113		
386721.62	3769824.42	139.74532		
386736.15	3769846.50	139.25154		

	386745.96	3769868.07	140.18727
386755.76	3769889.64	142.90929	
	386769.67	3769932.40	143.10439
386777.13	3769955.04	145.14245	
	386784.58	3769977.69	145.70278
386792.03	3770000.34	145.56491	
	386799.48	3770022.99	145.68094
386806.93	3770045.63	147.77056	
	386814.38	3770068.28	147.26995
386821.83	3770090.93	150.09238	
	386829.28	3770113.57	151.06495
386836.73	3770136.22	154.06984	
	386844.18	3770158.87	154.94806
386851.64	3770181.51	155.97404	
	386859.09	3770204.16	156.41281
386866.54	3770226.81	160.10321	
	386873.99	3770249.46	164.57473
386881.44	3770272.10	169.97518	
	386888.89	3770294.75	176.61036
386896.34	3770317.40	189.69072	
	386917.34	3770305.52	342.14607
386846.34	3770260.34	138.18047	
	386826.24	3770248.20	133.83371
386806.14	3770236.07	129.41112	
	386786.04	3770223.94	124.78505
386765.94	3770211.81	121.27576	
	386745.85	3770199.67	118.66348
386725.75	3770187.54	115.51910	
	386705.65	3770175.41	112.74174
386685.55	3770163.28	110.19039	
	386665.45	3770151.14	107.69401
386645.36	3770139.01	105.42974	
	386625.26	3770126.88	103.33800
386605.16	3770114.75	99.54821	
	386571.64	3770121.99	95.32916
386550.07	3770153.36	90.40416	
	386557.64	3770188.86	90.38649
386577.78	3770201.15	96.16571	
	386597.91	3770213.43	98.66461
386618.04	3770225.72	100.94516	
	386638.17	3770238.01	102.86882
386658.30	3770250.30	105.32788	
	386678.43	3770262.59	107.45780
386698.56	3770274.87	109.55820	
	386718.69	3770287.16	112.55456
386738.82	3770299.45	116.43999	
	386758.95	3770311.74	119.45342
386779.08	3770324.03	122.26624	
	386799.21	3770336.31	125.72065
386592.24	3770136.15	112.27900	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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 *** 23:12:18

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,
 PAREA2 , PAREA3 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
386913.81	3770330.27	260.82960		
386927.54	3770332.23	381.82294		
386778.52	3769879.29	266.39768		
386758.91	3769836.15	243.91876		
386739.30	3769806.74	249.49144		
386704.01	3769771.44	289.08744		
386668.71	3769751.84	295.22547		
386617.73	3769740.07	234.60079		
386564.79	3769730.27	201.96362		
386568.71	3769708.70	279.21807		
386592.24	3769706.74	340.38623		
386643.22	3769716.54	338.51920		
386688.32	3769734.19	349.33431		
386723.61	3769753.80	265.18334		
386764.79	3769796.93	222.85162		
386782.44	3769836.15	206.64415		
386756.95	3769753.80	156.76978		
386770.67	3769743.99	137.05186		
386970.67	3770318.50	197.98445		
387051.07	3770293.01	134.33236		
386937.34	3769969.48	117.99855		
386870.67	3769757.72	116.52900		
386715.77	3769718.50	169.60764		
386717.73	3769702.82	143.72997		
386864.79	3769718.50	111.53744		
386851.07	3769691.05	109.10706		
386831.46	3769653.80	106.96583		
386825.58	3769606.74	98.86621		
386829.50	3769540.07	82.76520		
386833.42	3769512.62	76.40347		

	386851.07	3769514.58	75.11983
386849.10	3769563.60	85.39854	
	386856.95	3769618.50	95.12874
386876.56	3769661.64	99.64497	
	386905.97	3769694.97	98.43822
386931.46	3769714.58	95.03652	
	386964.79	3769732.23	89.86257
387004.01	3769738.11	80.21418	
	387149.11	3769757.72	54.43111
387143.22	3769785.17	55.68741	
	387102.05	3769783.21	60.52627
387062.83	3769793.01	67.72686	
	387049.10	3769796.93	70.57230
386998.12	3769834.19	86.80116	
	386974.60	3769879.29	94.39609
386966.75	3769930.27	101.98950	
	386970.67	3769989.09	108.32368
387068.71	3770291.05	127.13332	
	387343.22	3770189.09	93.17562
387351.07	3770224.39	102.43499	
	387296.16	3770251.84	103.62965
387292.24	3770336.15	70.76286	
	387213.81	3770296.94	113.57215
387143.22	3770418.50	100.86203	
	387088.32	3770371.45	133.42376
387054.99	3770387.13	137.80460	
	387025.58	3770396.94	138.69912
386992.24	3770400.86	169.79859	
	386976.56	3770400.86	274.64945
386978.52	3770481.25	218.76988	
	386972.63	3770528.31	257.41310
386923.61	3770802.82	273.01252	
	386892.24	3770798.90	221.33684
386927.54	3770628.31	311.78390	
	386958.91	3770457.72	299.18019
386907.93	3770418.50	147.01102	
	386886.36	3770414.58	139.20969
386843.22	3770389.09	128.29975	
	386872.63	3770351.84	153.04506
386570.67	3770167.52	108.82945	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD

(43824 HRS) RESULTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN **

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

ALL	1ST HIGHEST VALUE IS	37.74839 AT (386927.54,
3770332.23,	93.31, 93.31,	1.80) DC
	2ND HIGHEST VALUE IS	37.24625 AT (386704.01,
3769771.44,	91.16, 91.16,	1.80) DC
	3RD HIGHEST VALUE IS	36.28765 AT (386668.71,
3769751.84,	91.07, 91.31,	1.80) DC
	4TH HIGHEST VALUE IS	34.38873 AT (386917.34,
3770305.52,	92.99, 92.99,	1.80) DC
	5TH HIGHEST VALUE IS	33.27485 AT (386958.91,
3770457.72,	93.78, 171.30,	1.80) DC
	6TH HIGHEST VALUE IS	32.92511 AT (386739.30,
3769806.74,	90.39, 92.01,	1.80) DC
	7TH HIGHEST VALUE IS	32.01171 AT (386758.91,
3769836.15,	90.77, 91.76,	1.80) DC
	8TH HIGHEST VALUE IS	29.31126 AT (386617.73,
3769740.07,	90.69, 90.69,	1.80) DC
	9TH HIGHEST VALUE IS	29.22784 AT (386778.52,
3769879.29,	91.35, 91.35,	1.80) DC
	10TH HIGHEST VALUE IS	29.14268 AT (386976.56,
3770400.86,	92.31, 171.30,	1.80) DC

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST MAX DAILY
 1-HR RESULTS AVERAGED OVER 5 YEARS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN **

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

ALL	1ST HIGHEST VALUE IS	490.80927 AT (	386917.34,
3770305.52,	92.99, 92.99,	1.80) DC	
	2ND HIGHEST VALUE IS	435.25196 AT (	386927.54,
3770332.23,	93.31, 93.31,	1.80) DC	
	3RD HIGHEST VALUE IS	377.31731 AT (	386688.32,
3769734.19,	91.68, 91.68,	1.80) DC	
	4TH HIGHEST VALUE IS	373.33206 AT (	386592.24,
3769706.74,	91.23, 91.23,	1.80) DC	
	5TH HIGHEST VALUE IS	370.62059 AT (	386643.22,
3769716.54,	91.49, 91.49,	1.80) DC	
	6TH HIGHEST VALUE IS	349.62408 AT (	386927.54,
3770628.31,	95.25, 171.30,	1.80) DC	
	7TH HIGHEST VALUE IS	338.11758 AT (	386958.91,
3770457.72,	93.78, 171.30,	1.80) DC	
	8TH HIGHEST VALUE IS	334.04391 AT (	386976.56,
3770400.86,	92.31, 171.30,	1.80) DC	
	9TH HIGHEST VALUE IS	331.54161 AT (	386568.71,
3769708.70,	91.32, 91.32,	1.80) DC	
	10TH HIGHEST VALUE IS	326.03899 AT (	386668.71,
3769751.84,	91.07, 91.31,	1.80) DC	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE SUMMARY OF MAXIMUM 8TH-HIGHEST MAX DAILY
 1-HR RESULTS AVERAGED OVER 5 YEARS ***

*** CONC OF NO2 IN
 MICROGRAMS/M**3 ***

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

ALL	1ST HIGHEST VALUE IS	381.82294 AT (	386927.54,
3770332.23,	93.31, 93.31,	1.80) DC	
	2ND HIGHEST VALUE IS	349.33431 AT (	386688.32,
3769734.19,	91.68, 91.68,	1.80) DC	
	3RD HIGHEST VALUE IS	342.14607 AT (	386917.34,
3770305.52,	92.99, 92.99,	1.80) DC	
	4TH HIGHEST VALUE IS	340.38623 AT (	386592.24,
3769706.74,	91.23, 91.23,	1.80) DC	
	5TH HIGHEST VALUE IS	338.51920 AT (	386643.22,
3769716.54,	91.49, 91.49,	1.80) DC	
	6TH HIGHEST VALUE IS	311.78390 AT (	386927.54,
3770628.31,	95.25, 171.30,	1.80) DC	
	7TH HIGHEST VALUE IS	299.18019 AT (	386958.91,
3770457.72,	93.78, 171.30,	1.80) DC	
	8TH HIGHEST VALUE IS	295.22547 AT (	386668.71,
3769751.84,	91.07, 91.31,	1.80) DC	
	9TH HIGHEST VALUE IS	289.08744 AT (	386704.01,
3769771.44,	91.16, 91.16,	1.80) DC	
	10TH HIGHEST VALUE IS	279.21807 AT (	386568.71,
3769708.70,	91.32, 91.32,	1.80) DC	

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 5 Warning Message(s)
A Total of 808 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 4 Calm Hours Identified

A Total of 804 Missing Hours Identified (1.83 Percent)

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

***** WARNING MESSAGES *****
CO W361 29 COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2
require MULTYEAR Opt
ME W186 186 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 186 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological
File at: 14010101
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological
File at: 2 year gap

*** AERMOD Finishes Successfully ***

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 12/20/2019
** File: C:\Lakes\AERMOD View\HSR_B-
LA_DPM_LAUS_Platform_Construction_Area\HSR_B-
LA_DPM_LAUS_Platform_Construction_Area.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\HSR_B-LA_LAUS_Construction_Area\HSR_B-
LA_LAUS_C
  MODELOPT CONC FLAT FASTAREA
  AVERTIME 24 PERIOD
  URBANOPT 800000
  POLLUTID PM_10
  RUNORNOT RUN
  ERRORFIL HSR_B-LA_DPM_LAUS_Platform_Construction_Area.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREA1      AREAPOLY      386184.873      3769457.946      0.0
** Source Parameters **
  SRCPARAM PAREA1      2.5615E-07      0.000      8
  AREAVERT PAREA1      386184.873      3769457.946      386061.316      3769199.285
  AREAVERT PAREA1      386007.269      3768879.079      386010.508      3768871.340
  AREAVERT PAREA1      386022.386      3768871.204      386080.620      3769196.112
  AREAVERT PAREA1      386178.622      3769407.002      386195.853      3769448.076
  URBANSRC ALL

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 2"
  EMISFACT PAREA1      HRDOW7      0.0      0.0      0.0      0.0      0.0      1.0      1.0      1.0
  EMISFACT PAREA1      HRDOW7      1.0      1.0      1.0      1.0      1.0      1.0      1.0      0.0
  EMISFACT PAREA1      HRDOW7      0.0      0.0      0.0      0.0      0.0      0.0      0.0      0.0
  EMISFACT PAREA1      HRDOW7      0.0      0.0      0.0      0.0      0.0      1.0      1.0      1.0
  EMISFACT PAREA1      HRDOW7      1.0      1.0      1.0      1.0      1.0      1.0      1.0      0.0

```

```

EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT PAREA1      HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT PAREA1      HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT PAREA1      HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
** DESCRREC "" ""
DISCCART      385914.94      3769216.44
DISCCART      385600.50      3769338.26
DISCCART      385614.67      3769365.17
DISCCART      385623.16      3769392.08
DISCCART      385667.07      3769345.34
DISCCART      385679.82      3769368.00
DISCCART      385715.23      3769328.34
DISCCART      385720.90      3769342.51
DISCCART      385729.40      3769358.09
DISCCART      385744.98      3769385.00
DISCCART      385998.51      3769206.53
DISCCART      385990.01      3769166.87
DISCCART      385944.69      3769232.03
DISCCART      385861.12      3769190.95
DISCCART      386029.67      3769193.78
DISCCART      386022.59      3769151.29
DISCCART      385931.94      3769175.37
** BEGIN OF FENCELINE GRID RECEPTORS
** Plant Boundary Name PLBN1
** Grid Spacing = 25.00
** No. of Tiers = 0
** -----
** Plant Boundary Name PLBN2
** Grid Spacing = 25.00
** No. of Tiers = 1
** Tier 1: Segment Distance = 25.00
** Tier 1: Tier Spacing = 25.00
** -----

```

DISCCART	386110.93	3769190.76
DISCCART	386106.68	3769167.19
DISCCART	386102.43	3769143.62
DISCCART	386098.19	3769120.05
DISCCART	386093.94	3769096.47
DISCCART	386089.69	3769072.90
DISCCART	386085.44	3769049.33
DISCCART	386081.19	3769025.75
DISCCART	386076.94	3769002.18
DISCCART	386072.69	3768978.61
DISCCART	386068.44	3768955.04
DISCCART	386064.19	3768931.46
DISCCART	386059.94	3768907.89
DISCCART	386055.69	3768884.32
DISCCART	386051.44	3768860.74
DISCCART	386024.93	3768840.25
DISCCART	386001.04	3768843.41
DISCCART	385975.31	3768876.59
DISCCART	385979.46	3768900.17
DISCCART	385983.60	3768923.74
DISCCART	385987.75	3768947.31
DISCCART	385991.90	3768970.88
DISCCART	385996.05	3768994.46
DISCCART	386000.20	3769018.03
DISCCART	386004.34	3769041.60
DISCCART	386008.49	3769065.18
DISCCART	386012.64	3769088.75
DISCCART	386016.79	3769112.32
DISCCART	386020.93	3769135.89
DISCCART	386025.08	3769159.47
DISCCART	386029.23	3769183.04
DISCCART	386033.38	3769206.61
DISCCART	386046.28	3769235.22
DISCCART	386057.03	3769257.17
DISCCART	386067.77	3769279.13
DISCCART	386078.51	3769301.08
DISCCART	386089.25	3769323.04
DISCCART	386099.99	3769344.99
DISCCART	386110.73	3769366.95
DISCCART	386121.47	3769388.90
DISCCART	386132.21	3769410.85
DISCCART	386142.95	3769432.81
DISCCART	386153.69	3769454.76
DISCCART	386164.43	3769476.72
DISCCART	386193.06	3769487.20
DISCCART	386213.05	3769475.61
DISCCART	386227.94	3769438.12
DISCCART	386218.03	3769416.99
DISCCART	386208.11	3769395.86
DISCCART	386198.20	3769374.73
DISCCART	386188.28	3769353.61
DISCCART	386178.37	3769332.48
DISCCART	386168.45	3769311.35
DISCCART	386158.54	3769290.22

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DISCCART      386148.62    3769269.09
DISCCART      386138.71    3769247.96
DISCCART      386128.79    3769226.84
** END OF FENCELINE GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name PLBN1
** Plant Boundary Name PLBN2
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART      386186.89    3769465.73
DISCCART      386058.00    3769202.28
DISCCART      385999.93    3768872.26
DISCCART      386001.35    3768870.84
DISCCART      386008.43    3768866.59
DISCCART      386026.84    3768865.18
DISCCART      386086.33    3769195.20
DISCCART      386205.31    3769448.74
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
SURFFILE CELA_v9.SFC
PROFFILE CELA_v9.PFL
SURFDATA 93134 2010 386790.00 3770000.00
UAIRDATA 3190 2010
SITEDATA 99999 2010
PROFBASE 87.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 24 1ST
** Auto-Generated Plotfiles
PLOTFILE 24 ALL 1ST HSR_B-
LA_DPM_LAUS_PLATFORM_CONSTRUCTION_AREA.AD\24H1GALL.PLT 31
PLOTFILE PERIOD ALL HSR_B-
LA_DPM_LAUS_PLATFORM_CONSTRUCTION_AREA.AD\PE00GALL.PLT 32
NOHEADER PLOTFILE
SUMMFILE HSR_B-LA_DPM_LAUS_Platform_Construction_Area.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 190 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 190 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_LAUS_Construction_Area\HSR_B-LA_LAUS_C *** 12/20/19
*** AERMET - VERSION 16216 *** ***
*** 03:40:14

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** MODEL SETUP OPTIONS

SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 1 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 800000.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Assumes Receptors on FLAT Terrain.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:

FASTAREA - Use hybrid approach to optimize AREA sources;
also applies to LINE sources (formerly TOXICS option)
ADJ_U* - Use ADJ_U* option for SBL in AERMET
TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Assumes No FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: PM_10

**Model Calculates 1 Short Term Average(s) of: 24-HR
and Calculates PERIOD Averages

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

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 1 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 0 line(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) = 87.00 ;
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 = 3.5 MB of RAM.

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

**Detailed Error/Message File: HSR_B-
LA_DPM_LAUS_Platform_Construction_Area.err
**File for Summary of Results: HSR_B-
LA_DPM_LAUS_Platform_Construction_Area.sum

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** AREAPOLY SOURCE DATA

NUMBER	NUMBER	EMISSION	RATE	LOCATION OF AREA		BASE	RELEASE
SOURCE	INIT.	URBAN	EMISSION				
OF VERTS.	PART.	(GRAMS/SEC		X	Y	ELEV.	HEIGHT
ID	SZ	SOURCE	SCALAR	VARY			
(METERS)	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	BY						

PAREAL1	0	0.25615E-06	386184.9	3769457.9		87.0	0.00
8	0.00	YES	HRDOW7				

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL PAREA1 ,

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN

SOURCES ***

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

800000.	PAREA1	,
---------	--------	---

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = MONDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = TUESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = WEDNESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = THURSDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = FRIDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10

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		

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(385914.9, 3769216.4,	87.0,	87.0,	0.0);	(
385600.5, 3769338.3,	87.0,	87.0,	0.0);	(
(385614.7, 3769365.2,	87.0,	87.0,	0.0);	(
385623.2, 3769392.1,	87.0,	87.0,	0.0);	(
(385667.1, 3769345.3,	87.0,	87.0,	0.0);	(
385679.8, 3769368.0,	87.0,	87.0,	0.0);	(
(385715.2, 3769328.3,	87.0,	87.0,	0.0);	(
385720.9, 3769342.5,	87.0,	87.0,	0.0);	(
(385729.4, 3769358.1,	87.0,	87.0,	0.0);	(
385745.0, 3769385.0,	87.0,	87.0,	0.0);	(
(385998.5, 3769206.5,	87.0,	87.0,	0.0);	(
385990.0, 3769166.9,	87.0,	87.0,	0.0);	(
(385944.7, 3769232.0,	87.0,	87.0,	0.0);	(
385861.1, 3769190.9,	87.0,	87.0,	0.0);	(
(386029.7, 3769193.8,	87.0,	87.0,	0.0);	(
386022.6, 3769151.3,	87.0,	87.0,	0.0);	(
(385931.9, 3769175.4,	87.0,	87.0,	0.0);	(
386110.9, 3769190.8,	87.0,	87.0,	0.0);	(
(386106.7, 3769167.2,	87.0,	87.0,	0.0);	(
386102.4, 3769143.6,	87.0,	87.0,	0.0);	(
(386098.2, 3769120.0,	87.0,	87.0,	0.0);	(
386093.9, 3769096.5,	87.0,	87.0,	0.0);	(
(386089.7, 3769072.9,	87.0,	87.0,	0.0);	(
386085.4, 3769049.3,	87.0,	87.0,	0.0);	(
(386081.2, 3769025.8,	87.0,	87.0,	0.0);	(
386076.9, 3769002.2,	87.0,	87.0,	0.0);	(
(386072.7, 3768978.6,	87.0,	87.0,	0.0);	(
386068.4, 3768955.0,	87.0,	87.0,	0.0);	(
(386064.2, 3768931.5,	87.0,	87.0,	0.0);	(
386059.9, 3768907.9,	87.0,	87.0,	0.0);	(
(386055.7, 3768884.3,	87.0,	87.0,	0.0);	(
386051.4, 3768860.7,	87.0,	87.0,	0.0);	(
(386024.9, 3768840.2,	87.0,	87.0,	0.0);	(
386001.0, 3768843.4,	87.0,	87.0,	0.0);	(
(385975.3, 3768876.6,	87.0,	87.0,	0.0);	(
385979.5, 3768900.2,	87.0,	87.0,	0.0);	(
(385983.6, 3768923.7,	87.0,	87.0,	0.0);	(
385987.8, 3768947.3,	87.0,	87.0,	0.0);	(
(385991.9, 3768970.9,	87.0,	87.0,	0.0);	(
385996.0, 3768994.5,	87.0,	87.0,	0.0);	(

(386000.2, 3769018.0,	87.0,	87.0,	0.0);	(
386004.3, 3769041.6,	87.0,	87.0,	0.0);	
(386008.5, 3769065.2,	87.0,	87.0,	0.0);	(
386012.6, 3769088.8,	87.0,	87.0,	0.0);	
(386016.8, 3769112.3,	87.0,	87.0,	0.0);	(
386020.9, 3769135.9,	87.0,	87.0,	0.0);	
(386025.1, 3769159.5,	87.0,	87.0,	0.0);	(
386029.2, 3769183.0,	87.0,	87.0,	0.0);	
(386033.4, 3769206.6,	87.0,	87.0,	0.0);	(
386046.3, 3769235.2,	87.0,	87.0,	0.0);	
(386057.0, 3769257.2,	87.0,	87.0,	0.0);	(
386067.8, 3769279.1,	87.0,	87.0,	0.0);	
(386078.5, 3769301.1,	87.0,	87.0,	0.0);	(
386089.2, 3769323.0,	87.0,	87.0,	0.0);	
(386100.0, 3769345.0,	87.0,	87.0,	0.0);	(
386110.7, 3769366.9,	87.0,	87.0,	0.0);	
(386121.5, 3769388.9,	87.0,	87.0,	0.0);	(
386132.2, 3769410.8,	87.0,	87.0,	0.0);	
(386143.0, 3769432.8,	87.0,	87.0,	0.0);	(
386153.7, 3769454.8,	87.0,	87.0,	0.0);	
(386164.4, 3769476.7,	87.0,	87.0,	0.0);	(
386193.1, 3769487.2,	87.0,	87.0,	0.0);	
(386213.0, 3769475.6,	87.0,	87.0,	0.0);	(
386227.9, 3769438.1,	87.0,	87.0,	0.0);	
(386218.0, 3769417.0,	87.0,	87.0,	0.0);	(
386208.1, 3769395.9,	87.0,	87.0,	0.0);	
(386198.2, 3769374.7,	87.0,	87.0,	0.0);	(
386188.3, 3769353.6,	87.0,	87.0,	0.0);	
(386178.4, 3769332.5,	87.0,	87.0,	0.0);	(
386168.5, 3769311.3,	87.0,	87.0,	0.0);	
(386158.5, 3769290.2,	87.0,	87.0,	0.0);	(
386148.6, 3769269.1,	87.0,	87.0,	0.0);	
(386138.7, 3769248.0,	87.0,	87.0,	0.0);	(
386128.8, 3769226.8,	87.0,	87.0,	0.0);	
(386186.9, 3769465.7,	87.0,	87.0,	0.0);	(
386058.0, 3769202.3,	87.0,	87.0,	0.0);	
(385999.9, 3768872.3,	87.0,	87.0,	0.0);	(
386001.3, 3768870.8,	87.0,	87.0,	0.0);	
(386008.4, 3768866.6,	87.0,	87.0,	0.0);	(
386026.8, 3768865.2,	87.0,	87.0,	0.0);	
(386086.3, 3769195.2,	87.0,	87.0,	0.0);	(
386205.3, 3769448.7,	87.0,	87.0,	0.0);	

8.23, 10.80, 1.54, 3.09, 5.14,

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF

METEOROLOGICAL DATA ***

Surface file: CELA_v9.SFC

Met Version: 16216

Profile file: CELA_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 93134

Upper air station no.:

3190

Name: 386790.00

Name:

UNKNOWN

Year: 2010

Year:

2010

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					
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	01	01	1	01	-33.0	0.331	-9.000	-9.000	-999.	456.	120.2	0.56	
0.86	1.00			3.10	38.	21.3	284.9	17.7					
10	01	01	1	02	-26.9	0.285	-9.000	-9.000	-999.	367.	89.6	0.56	
0.86	1.00			2.70	38.	21.3	284.2	17.7					
10	01	01	1	03	-38.6	0.387	-9.000	-9.000	-999.	577.	164.6	0.56	
0.86	1.00			3.60	35.	21.3	284.2	17.7					
10	01	01	1	04	-33.0	0.331	-9.000	-9.000	-999.	458.	120.2	0.56	
0.86	1.00			3.10	34.	21.3	283.8	17.7					
10	01	01	1	05	-33.1	0.331	-9.000	-9.000	-999.	456.	120.2	0.56	
0.86	1.00			3.10	37.	21.3	283.1	17.7					
10	01	01	1	06	-38.7	0.387	-9.000	-9.000	-999.	577.	164.5	0.56	
0.86	1.00			3.60	24.	21.3	283.1	17.7					
10	01	01	1	07	-38.6	0.387	-9.000	-9.000	-999.	577.	164.5	0.56	
0.86	1.00			3.60	35.	21.3	283.8	17.7					
10	01	01	1	08	-29.6	0.435	-9.000	-9.000	-999.	688.	251.8	0.56	
0.86	0.55			4.00	35.	21.3	283.8	17.7					
10	01	01	1	09	30.0	0.426	0.367	0.008	59.	666.	-232.0	0.56	
0.86	0.32			3.60	38.	21.3	286.4	17.7					
10	01	01	1	10	72.3	0.359	0.629	0.008	124.	519.	-57.8	0.56	
0.86	0.24			2.70	34.	21.3	290.4	17.7					
10	01	01	1	11	104.4	0.321	0.998	0.008	344.	437.	-28.6	0.56	
0.86	0.21			2.20	43.	21.3	292.5	17.7					
10	01	01	1	12	115.1	0.283	1.156	0.008	484.	363.	-17.9	0.56	
0.86	0.20			1.80	62.	21.3	295.9	17.7					
10	01	01	1	13	91.4	0.406	1.130	0.008	568.	622.	-66.2	0.56	
0.86	0.20			3.10	263.	21.3	294.2	17.7					

10	01	01	1	14	89.3	0.316	1.168	0.008	642.	432.	-31.9	0.56
0.86	0.21			2.20	259.	21.3	294.9	17.7				
10	01	01	1	15	42.6	0.295	0.928	0.008	675.	384.	-54.0	0.56
0.86	0.25			2.20	267.	21.3	294.9	17.7				
10	01	01	1	16	12.0	0.359	0.609	0.008	680.	516.	-347.9	0.56
0.86	0.33			3.10	264.	21.3	292.5	17.7				
10	01	01	1	17	-15.7	0.231	-9.000	-9.000	-999.	276.	70.7	0.56
0.86	0.60			2.20	288.	21.3	290.9	17.7				
10	01	01	1	18	-6.1	0.135	-9.000	-9.000	-999.	124.	36.7	0.56
0.86	1.00			1.30	344.	21.3	289.2	17.7				
10	01	01	1	19	-11.4	0.184	-9.000	-9.000	-999.	190.	49.2	0.56
0.86	1.00			1.80	2.	21.3	288.8	17.7				
10	01	01	1	20	-17.4	0.229	-9.000	-9.000	-999.	263.	62.1	0.56
0.86	1.00			2.20	22.	21.3	288.1	17.7				
10	01	01	1	21	-17.4	0.229	-9.000	-9.000	-999.	263.	61.9	0.56
0.86	1.00			2.20	40.	21.3	287.0	17.7				
10	01	01	1	22	-11.5	0.184	-9.000	-9.000	-999.	190.	49.1	0.56
0.86	1.00			1.80	306.	21.3	287.0	17.7				
10	01	01	1	23	-11.5	0.184	-9.000	-9.000	-999.	190.	49.0	0.56
0.86	1.00			1.80	45.	21.3	286.4	17.7				
10	01	01	1	24	-11.5	0.184	-9.000	-9.000	-999.	190.	49.0	0.56
0.86	1.00			1.80	67.	21.3	286.4	17.7				

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	17.7	0	-999.	-99.00	284.9	99.0	-99.00	-99.00
10	01	01	01	21.3	1	38.	3.10	-999.0	99.0	-99.00	-99.00

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_LAUS_Construction_Area\HSR_B-LA_LAUS_C *** 12/20/19
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 *** 03:40:14

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF PM_10 IN
			**
X-COORD (M)	Y-COORD (M)	CONC	X-
COORD (M)	Y-COORD (M)	CONC	
385914.94	3769216.44	0.00643	
385600.50	3769338.26	0.00054	
385614.67	3769365.17	0.00052	
385623.16	3769392.08	0.00048	
385667.07	3769345.34	0.00066	
385679.82	3769368.00	0.00064	
385715.23	3769328.34	0.00086	
385720.90	3769342.51	0.00083	
385729.40	3769358.09	0.00080	
385744.98	3769385.00	0.00077	
385998.51	3769206.53	0.02284	
385990.01	3769166.87	0.02540	
385944.69	3769232.03	0.00832	
385861.12	3769190.95	0.00432	
386029.67	3769193.78	0.04951	
386022.59	3769151.29	0.05324	
385931.94	3769175.37	0.01039	
386110.93	3769190.76	0.04329	
386106.68	3769167.19	0.04114	
386102.43	3769143.62	0.04003	
386098.19	3769120.05	0.04066	
386093.94	3769096.47	0.03729	
386089.69	3769072.90	0.03651	
386085.44	3769049.33	0.03575	
386081.19	3769025.75	0.03477	
386076.94	3769002.18	0.03334	
386072.69	3768978.61	0.03162	
386068.44	3768955.04	0.02972	
386064.19	3768931.46	0.02726	
386059.94	3768907.89	0.02344	
386055.69	3768884.32	0.01760	
386051.44	3768860.74	0.01092	

	386024.93	3768840.25	0.01493
386001.04	3768843.41	0.02767	
	385975.31	3768876.59	0.03621
385979.46	3768900.17	0.04344	
	385983.60	3768923.74	0.04709
385987.75	3768947.31	0.04888	
	385991.90	3768970.88	0.05021
385996.05	3768994.46	0.05193	
	386000.20	3769018.03	0.05354
386004.34	3769041.60	0.05498	
	386008.49	3769065.18	0.05593
386012.64	3769088.75	0.05640	
	386016.79	3769112.32	0.05672
386020.93	3769135.89	0.05583	
	386025.08	3769159.47	0.05504
386029.23	3769183.04	0.05358	
	386033.38	3769206.61	0.04917
386046.28	3769235.22	0.05252	
	386057.03	3769257.17	0.05290
386067.77	3769279.13	0.05200	
	386078.51	3769301.08	0.05137
386089.25	3769323.04	0.05090	
	386099.99	3769344.99	0.04984
386110.73	3769366.95	0.04729	
	386121.47	3769388.90	0.04397
386132.21	3769410.85	0.03966	
	386142.95	3769432.81	0.03343
386153.69	3769454.76	0.02483	
	386164.43	3769476.72	0.01749
386193.06	3769487.20	0.01808	
	386213.05	3769475.61	0.02029
386227.94	3769438.12	0.01841	
	386218.03	3769416.99	0.02273
386208.11	3769395.86	0.02611	
	386198.20	3769374.73	0.02839
386188.28	3769353.61	0.02941	
	386178.37	3769332.48	0.03128
386168.45	3769311.35	0.03234	
	386158.54	3769290.22	0.03340
386148.62	3769269.09	0.03475	
	386138.71	3769247.96	0.03582
386128.79	3769226.84	0.03685	
	386186.89	3769465.73	0.04539
386058.00	3769202.28	0.17484	
	385999.93	3768872.26	0.08007
386001.35	3768870.84	0.08372	
	386008.43	3768866.59	0.09454
386026.84	3768865.18	0.03331	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** 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	
386086.33	3769195.20	0.14617	
386205.31	3769448.74	0.04964	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_LAUS_Construction_Area\HSR_B-LA_LAUS_C *** 12/20/19
 *** AERMET - VERSION 16216 *** ***
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
385914.94	3769216.44	0.05021	(10121524)	
385600.50	3769338.26	0.01374	(15021724)	
385614.67	3769365.17	0.01397	(15021724)	
385623.16	3769392.08	0.01391	(15021724)	
385667.07	3769345.34	0.01586	(15021724)	
385679.82	3769368.00	0.01600	(15021724)	
385715.23	3769328.34	0.01794	(15021724)	
385720.90	3769342.51	0.01796	(15021724)	
385729.40	3769358.09	0.01801	(15021724)	
385744.98	3769385.00	0.01795	(15021724)	
385998.51	3769206.53	0.12350	(10121524)	
385990.01	3769166.87	0.11377	(10121524)	
385944.69	3769232.03	0.06001	(10121524)	
385861.12	3769190.95	0.03899	(10121524)	
386029.67	3769193.78	0.20906	(10121524)	
386022.59	3769151.29	0.20051	(10121524)	
385931.94	3769175.37	0.06424	(10121524)	
386110.93	3769190.76	0.16061	(14111224)	
386106.68	3769167.19	0.15649	(10100424)	
386102.43	3769143.62	0.15490	(10100424)	
386098.19	3769120.05	0.14865	(10100424)	
386093.94	3769096.47	0.14554	(14111224)	
386089.69	3769072.90	0.15006	(14021924)	
386085.44	3769049.33	0.15313	(14111224)	
386081.19	3769025.75	0.15312	(14021924)	
386076.94	3769002.18	0.15579	(14021924)	
386072.69	3768978.61	0.15391	(14021924)	
386068.44	3768955.04	0.15065	(14021924)	
386064.19	3768931.46	0.14499	(14021924)	
386059.94	3768907.89	0.13956	(14021924)	
386055.69	3768884.32	0.13050	(14021924)	
386051.44	3768860.74	0.11553	(14021924)	

	386024.93	3768840.25	0.12466	(15121124)
386001.04	3768843.41	0.14576	(16121224)	
	385975.31	3768876.59	0.13767m	(10123124)
385979.46	3768900.17	0.16763m	(10123124)	
	385983.60	3768923.74	0.17228	(16120624)
385987.75	3768947.31	0.17754m	(14123124)	
	385991.90	3768970.88	0.18282m	(14123124)
385996.05	3768994.46	0.18633m	(14123124)	
	386000.20	3769018.03	0.18981	(10121524)
386004.34	3769041.60	0.19712	(10121524)	
	386008.49	3769065.18	0.20786	(10121524)
386012.64	3769088.75	0.20637	(10121524)	
	386016.79	3769112.32	0.20159	(10121524)
386020.93	3769135.89	0.19863	(10121524)	
	386025.08	3769159.47	0.20943	(10121524)
386029.23	3769183.04	0.21737	(10121524)	
	386033.38	3769206.61	0.21119	(10121524)
386046.28	3769235.22	0.21484	(10121524)	
	386057.03	3769257.17	0.22057	(10121524)
386067.77	3769279.13	0.22328	(10121524)	
	386078.51	3769301.08	0.22035	(10121524)
386089.25	3769323.04	0.21226	(10121524)	
	386099.99	3769344.99	0.20687	(10121524)
386110.73	3769366.95	0.19374	(10121524)	
	386121.47	3769388.90	0.17417	(10121524)
386132.21	3769410.85	0.16455	(10121524)	
	386142.95	3769432.81	0.16176m	(10102024)
386153.69	3769454.76	0.14852m	(10090724)	
	386164.43	3769476.72	0.14042m	(10102024)
386193.06	3769487.20	0.15922m	(10102024)	
	386213.05	3769475.61	0.13151	(11041824)
386227.94	3769438.12	0.12146	(10100424)	
	386218.03	3769416.99	0.13074	(10100424)
386208.11	3769395.86	0.13753	(10100424)	
	386198.20	3769374.73	0.13283	(14111224)
386188.28	3769353.61	0.13665	(14111224)	
	386178.37	3769332.48	0.13765	(14111224)
386168.45	3769311.35	0.14183	(14021924)	
	386158.54	3769290.22	0.14243	(14021924)
386148.62	3769269.09	0.14295	(14021924)	
	386138.71	3769247.96	0.14504	(14021924)
386128.79	3769226.84	0.14612	(14021924)	
	386186.89	3769465.73	0.35372m	(10102024)
386058.00	3769202.28	0.65893	(10121524)	
	385999.93	3768872.26	0.29807	(11121924)
386001.35	3768870.84	0.31344	(11121924)	
	386008.43	3768866.59	0.37142	(16122224)
386026.84	3768865.18	0.24906	(15121124)	

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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** 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)	
386086.33	3769195.20	0.44732 (16040824)	
386205.31	3769448.74	0.26699 (10100424)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_LAUS_Construction_Area\HSR_B-LA_LAUS_C *** 12/20/19
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD

(43824 HRS) RESULTS ***

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

NETWORK GROUP ID YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE GRID-ID	RECEPTOR (XR,
ALL	1ST HIGHEST VALUE IS	0.17484 AT (386058.00,
3769202.28,	87.00, 87.00,	0.00) DC
	2ND HIGHEST VALUE IS	0.14617 AT (386086.33,
3769195.20,	87.00, 87.00,	0.00) DC
	3RD HIGHEST VALUE IS	0.09454 AT (386008.43,
3768866.59,	87.00, 87.00,	0.00) DC
	4TH HIGHEST VALUE IS	0.08372 AT (386001.35,
3768870.84,	87.00, 87.00,	0.00) DC
	5TH HIGHEST VALUE IS	0.08007 AT (385999.93,
3768872.26,	87.00, 87.00,	0.00) DC
	6TH HIGHEST VALUE IS	0.05672 AT (386016.79,
3769112.32,	87.00, 87.00,	0.00) DC
	7TH HIGHEST VALUE IS	0.05640 AT (386012.64,
3769088.75,	87.00, 87.00,	0.00) DC
	8TH HIGHEST VALUE IS	0.05593 AT (386008.49,
3769065.18,	87.00, 87.00,	0.00) DC
	9TH HIGHEST VALUE IS	0.05583 AT (386020.93,
3769135.89,	87.00, 87.00,	0.00) DC
	10TH HIGHEST VALUE IS	0.05504 AT (386025.08,
3769159.47,	87.00, 87.00,	0.00) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF

HIGHEST 24-HR RESULTS ***

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

DATE

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

ALL HIGH 1ST HIGH VALUE IS 0.65893 ON 10121524: AT (
386058.00, 3769202.28, 87.00, 87.00, 0.00) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_LAUS_Construction_Area\HSR_B-LA_LAUS_C *** 12/20/19
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*** MODELOPTs: NonDEFAULT CONC FLAT FASTAREA URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)
A Total of 808 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 4 Calm Hours Identified

A Total of 804 Missing Hours Identified (1.83 Percent)

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

***** WARNING MESSAGES *****
ME W186 190 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 190 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological
File at: 14010101
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological
File at: 2 year gap

*** AERMOD Finishes Successfully ***

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 12/18/2019
** File: C:\Lakes\AERMOD View\HSR_B-
LA_CO_LAUS_Platform_Construction_Area\HSR_B-
LA_CO_LAUS_Platform_Construction_Area.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\HSR_B-LA_LAUS_Construction_Area\HSR_B-
LA_LAUS_C
  MODELOPT CONC FASTAREA
  AVERTIME 1 8
  URBANOPT 800000
  POLLUTID CO
  FLAGPOLE 1.80
  RUNORNOT RUN
  ERRORFIL HSR_B-LA_CO_LAUS_Platform_Construction_Area.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREA1      AREAPOLY      386184.873      3769457.946      87.720
** Source Parameters **
  SRCPARAM PAREA1      0.0001634817      0.000      8
  AREAVERT PAREA1      386184.873 3769457.946 386061.316 3769199.285
  AREAVERT PAREA1      386007.269 3768879.079 386010.508 3768871.340
  AREAVERT PAREA1      386022.386 3768871.204 386080.620 3769196.112
  AREAVERT PAREA1      386178.622 3769407.002 386195.853 3769448.076
  URBANSRC ALL

** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 2"
  EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
  EMISFACT PAREA1      HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
  EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
  EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0

```

```

EMISFACT PAREA1          HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1          HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1          HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1          HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1          HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
    INCLUDED HSR_B-LA_CO_LAUS_Platform_Construction_Area.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
    SURFFILE CELA_v9.SFC
    PROFFILE CELA_v9.PFL
    SURFDATA 93134 2010 386790.00 3770000.00
    UAIRDATA 3190 2010
    SITEDATA 99999 2010
    PROFBASE 87.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
    RECTABLE ALLAVE 1ST
    RECTABLE 1 1ST
    RECTABLE 8 1ST
** Auto-Generated Plotfiles

```

PLOTFILE 1 ALL 1ST HSR_B-
LA_CO_LAUS_PLATFORM_CONSTRUCTION_AREA.AD\01H1GALL.PLT 31
PLOTFILE 8 ALL 1ST HSR_B-
LA_CO_LAUS_PLATFORM_CONSTRUCTION_AREA.AD\08H1GALL.PLT 32
SUMMFILE HSR_B-LA_CO_LAUS_Platform_Construction_Area.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 93 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 93 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_LAUS_Construction_Area\HSR_B-LA_LAUS_C *** 12/18/19
*** AERMET - VERSION 16216 *** ***
*** 00:10:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** MODEL SETUP OPTIONS

SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 1 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 800000.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:

FASTAREA - Use hybrid approach to optimize AREA sources;
also applies to LINE sources (formerly TOXICS option)

ADJ_U* - Use ADJ_U* option for SBL in AERMET

TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: CO

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

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

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 1 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 0 line(s)

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

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

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

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

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

**NOTE: The Following Flags May Appear Following CONC Values: c for
Calm Hours

m for
Missing Hours

b for
Both Calm and Missing Hours

**Misc. Inputs: Base Elev. for Pot. Temp. Profile (m MSL) = 87.00 ;
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 = 3.5 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: HSR_B-
LA_CO_LAUS_Platform_Construction_Area.err

**File for Summary of Results: HSR_B-
LA_CO_LAUS_Platform_Construction_Area.sum

```

*** AERMOD - VERSION 19191 ***      *** C:\Lakes\AERMOD View\HSR_B-
LA_LAUS_Construction_Area\HSR_B-LA_LAUS_C ***      12/18/19
*** AERMET - VERSION 16216 ***      ***
***      00:10:57

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*** MODELOPTs:      NonDEFAULT  CONC  ELEV  FLGPOL  FASTAREA  URBAN  ADJ_U*

```

*** AREAPOLY SOURCE DATA

NUMBER	INIT.	NUMBER	EMISSION RATE	LOCATION OF AREA		BASE	RELEASE
SOURCE	PART.	URBAN	EMISSION RATE	X	Y	ELEV.	HEIGHT
OF VERTS.	SZ	SOURCE	SCALAR VARY				
ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	BY						
PAREAL1	0	0.16348E-03	386184.9	3769457.9	87.7	0.00	
8	0.00	YES	HRDOW7				

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE
GROUPS ***

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

ALL	PAREA1	,
-----	--------	---

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** SOURCE IDs DEFINED AS URBAN

SOURCES ***

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

800000.	PAREA1	,
---------	--------	---

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = MONDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = TUESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = WEDNESDY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = THURSDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = FRIDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.1000E+01	7	.1000E+01	8	.1000E+01	9	.1000E+01	10
11	.1000E+01	12	.1000E+01	13	.1000E+01	14	.1000E+01	15
16	.0000E+00	17	.0000E+00	18	.0000E+00	19	.0000E+00	20
21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00	25
DAY OF WEEK = SATURDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
6	.0000E+00	7	.0000E+00	8	.0000E+00	9	.0000E+00	10

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		

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** DISCRETE CARTESIAN

RECEPTORS ***

(X-COORD, Y-COORD, ZELEV,

ZHILL, ZFLAG)

(METERS)

(385914.9, 3769216.4,	86.2,	86.2,	1.8);	(
385600.5, 3769338.3,	92.0,	122.8,	1.8);	(
(385614.7, 3769365.2,	92.0,	122.8,	1.8);	(
385623.2, 3769392.1,	92.5,	122.8,	1.8);	(
(385667.1, 3769345.3,	91.3,	122.4,	1.8);	(
385679.8, 3769368.0,	91.8,	122.3,	1.8);	(
(385715.2, 3769328.3,	90.8,	90.8,	1.8);	(
385720.9, 3769342.5,	91.2,	91.2,	1.8);	(
(385729.4, 3769358.1,	91.4,	91.4,	1.8);	(
385745.0, 3769385.0,	91.3,	91.3,	1.8);	(
(385998.5, 3769206.5,	85.0,	89.7,	1.8);	(
385990.0, 3769166.9,	89.0,	89.0,	1.8);	(
(385944.7, 3769232.0,	85.8,	85.8,	1.8);	(
385861.1, 3769190.9,	85.7,	85.7,	1.8);	(
(386029.7, 3769193.8,	85.2,	90.7,	1.8);	(
386022.6, 3769151.3,	90.2,	90.2,	1.8);	(
(385931.9, 3769175.4,	85.8,	85.8,	1.8);	(
386110.9, 3769190.8,	89.7,	89.7,	1.8);	(
(386106.7, 3769167.2,	89.6,	89.6,	1.8);	(
386102.4, 3769143.6,	89.7,	89.7,	1.8);	(
(386098.2, 3769120.0,	89.6,	89.6,	1.8);	(
386093.9, 3769096.5,	89.6,	89.6,	1.8);	(
(386089.7, 3769072.9,	89.6,	89.6,	1.8);	(
386085.4, 3769049.3,	89.6,	89.6,	1.8);	(
(386081.2, 3769025.8,	89.6,	89.6,	1.8);	(
386076.9, 3769002.2,	89.6,	89.6,	1.8);	(
(386072.7, 3768978.6,	89.6,	89.6,	1.8);	(
386068.4, 3768955.0,	89.6,	89.6,	1.8);	(
(386064.2, 3768931.5,	89.6,	89.6,	1.8);	(
386059.9, 3768907.9,	89.6,	89.6,	1.8);	(
(386055.7, 3768884.3,	89.7,	89.7,	1.8);	(
386051.4, 3768860.7,	89.3,	90.0,	1.8);	(
(386024.9, 3768840.2,	84.6,	92.2,	1.8);	(
386001.0, 3768843.4,	84.5,	92.2,	1.8);	(
(385975.3, 3768876.6,	88.9,	92.2,	1.8);	(
385979.5, 3768900.2,	89.0,	91.4,	1.8);	(
(385983.6, 3768923.7,	88.3,	90.8,	1.8);	(
385987.8, 3768947.3,	89.3,	90.5,	1.8);	(
(385991.9, 3768970.9,	89.3,	89.3,	1.8);	(
385996.0, 3768994.5,	89.8,	89.8,	1.8);	(

(386000.2, 3769018.0,	89.8,	89.8,	1.8);	(
386004.3, 3769041.6,	89.8,	89.8,	1.8);	
(386008.5, 3769065.2,	89.9,	89.9,	1.8);	(
386012.6, 3769088.8,	90.0,	90.0,	1.8);	
(386016.8, 3769112.3,	90.0,	90.0,	1.8);	(
386020.9, 3769135.9,	90.0,	90.0,	1.8);	
(386025.1, 3769159.5,	89.8,	89.8,	1.8);	(
386029.2, 3769183.0,	86.7,	90.5,	1.8);	
(386033.4, 3769206.6,	83.5,	90.7,	1.8);	(
386046.3, 3769235.2,	84.2,	90.7,	1.8);	
(386057.0, 3769257.2,	89.0,	90.0,	1.8);	(
386067.8, 3769279.1,	88.9,	90.0,	1.8);	
(386078.5, 3769301.1,	86.5,	90.3,	1.8);	(
386089.2, 3769323.0,	89.1,	90.3,	1.8);	
(386100.0, 3769345.0,	90.3,	90.3,	1.8);	(
386110.7, 3769366.9,	90.3,	90.3,	1.8);	
(386121.5, 3769388.9,	89.4,	90.2,	1.8);	(
386132.2, 3769410.8,	87.1,	90.3,	1.8);	
(386143.0, 3769432.8,	87.2,	90.3,	1.8);	(
386153.7, 3769454.8,	87.0,	90.1,	1.8);	
(386164.4, 3769476.7,	86.4,	90.4,	1.8);	(
386193.1, 3769487.2,	87.3,	90.4,	1.8);	
(386213.0, 3769475.6,	90.3,	90.3,	1.8);	(
386227.9, 3769438.1,	84.2,	90.6,	1.8);	
(386218.0, 3769417.0,	87.0,	90.5,	1.8);	(
386208.1, 3769395.9,	90.4,	90.4,	1.8);	
(386198.2, 3769374.7,	90.4,	90.4,	1.8);	(
386188.3, 3769353.6,	90.2,	90.2,	1.8);	
(386178.4, 3769332.5,	90.0,	90.0,	1.8);	(
386168.5, 3769311.3,	89.9,	89.9,	1.8);	
(386158.5, 3769290.2,	89.9,	89.9,	1.8);	(
386148.6, 3769269.1,	89.8,	89.8,	1.8);	
(386138.7, 3769248.0,	89.8,	89.8,	1.8);	(
386128.8, 3769226.8,	89.8,	89.8,	1.8);	
(386186.9, 3769465.7,	84.7,	90.4,	1.8);	(
386058.0, 3769202.3,	90.0,	90.0,	1.8);	
(385999.9, 3768872.3,	92.0,	92.0,	1.8);	(
386001.3, 3768870.8,	92.0,	92.0,	1.8);	
(386008.4, 3768866.6,	91.8,	92.2,	1.8);	(
386026.8, 3768865.2,	89.9,	92.2,	1.8);	
(386086.3, 3769195.2,	89.7,	89.7,	1.8);	(
386205.3, 3769448.7,	83.6,	90.5,	1.8);	

8.23, 10.80, 1.54, 3.09, 5.14,

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF

METEOROLOGICAL DATA ***

Surface file: CELA_v9.SFC

Met Version: 16216

Profile file: CELA_v9.PFL

Surface format: FREE

Profile format: FREE

Surface station no.: 93134
 3190

Upper air station no.:

Name: 386790.00

Name:

UNKNOWN

Year: 2010

Year:

2010

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					
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	01	01	1	01	-33.0	0.331	-9.000	-9.000	-999.	456.	120.2	0.56	
0.86	1.00			3.10	38.	21.3	284.9	17.7					
10	01	01	1	02	-26.9	0.285	-9.000	-9.000	-999.	367.	89.6	0.56	
0.86	1.00			2.70	38.	21.3	284.2	17.7					
10	01	01	1	03	-38.6	0.387	-9.000	-9.000	-999.	577.	164.6	0.56	
0.86	1.00			3.60	35.	21.3	284.2	17.7					
10	01	01	1	04	-33.0	0.331	-9.000	-9.000	-999.	458.	120.2	0.56	
0.86	1.00			3.10	34.	21.3	283.8	17.7					
10	01	01	1	05	-33.1	0.331	-9.000	-9.000	-999.	456.	120.2	0.56	
0.86	1.00			3.10	37.	21.3	283.1	17.7					
10	01	01	1	06	-38.7	0.387	-9.000	-9.000	-999.	577.	164.5	0.56	
0.86	1.00			3.60	24.	21.3	283.1	17.7					
10	01	01	1	07	-38.6	0.387	-9.000	-9.000	-999.	577.	164.5	0.56	
0.86	1.00			3.60	35.	21.3	283.8	17.7					
10	01	01	1	08	-29.6	0.435	-9.000	-9.000	-999.	688.	251.8	0.56	
0.86	0.55			4.00	35.	21.3	283.8	17.7					
10	01	01	1	09	30.0	0.426	0.367	0.008	59.	666.	-232.0	0.56	
0.86	0.32			3.60	38.	21.3	286.4	17.7					
10	01	01	1	10	72.3	0.359	0.629	0.008	124.	519.	-57.8	0.56	
0.86	0.24			2.70	34.	21.3	290.4	17.7					
10	01	01	1	11	104.4	0.321	0.998	0.008	344.	437.	-28.6	0.56	
0.86	0.21			2.20	43.	21.3	292.5	17.7					
10	01	01	1	12	115.1	0.283	1.156	0.008	484.	363.	-17.9	0.56	
0.86	0.20			1.80	62.	21.3	295.9	17.7					
10	01	01	1	13	91.4	0.406	1.130	0.008	568.	622.	-66.2	0.56	
0.86	0.20			3.10	263.	21.3	294.2	17.7					

10	01	01	1	14	89.3	0.316	1.168	0.008	642.	432.	-31.9	0.56
0.86	0.21			2.20	259.	21.3	294.9	17.7				
10	01	01	1	15	42.6	0.295	0.928	0.008	675.	384.	-54.0	0.56
0.86	0.25			2.20	267.	21.3	294.9	17.7				
10	01	01	1	16	12.0	0.359	0.609	0.008	680.	516.	-347.9	0.56
0.86	0.33			3.10	264.	21.3	292.5	17.7				
10	01	01	1	17	-15.7	0.231	-9.000	-9.000	-999.	276.	70.7	0.56
0.86	0.60			2.20	288.	21.3	290.9	17.7				
10	01	01	1	18	-6.1	0.135	-9.000	-9.000	-999.	124.	36.7	0.56
0.86	1.00			1.30	344.	21.3	289.2	17.7				
10	01	01	1	19	-11.4	0.184	-9.000	-9.000	-999.	190.	49.2	0.56
0.86	1.00			1.80	2.	21.3	288.8	17.7				
10	01	01	1	20	-17.4	0.229	-9.000	-9.000	-999.	263.	62.1	0.56
0.86	1.00			2.20	22.	21.3	288.1	17.7				
10	01	01	1	21	-17.4	0.229	-9.000	-9.000	-999.	263.	61.9	0.56
0.86	1.00			2.20	40.	21.3	287.0	17.7				
10	01	01	1	22	-11.5	0.184	-9.000	-9.000	-999.	190.	49.1	0.56
0.86	1.00			1.80	306.	21.3	287.0	17.7				
10	01	01	1	23	-11.5	0.184	-9.000	-9.000	-999.	190.	49.0	0.56
0.86	1.00			1.80	45.	21.3	286.4	17.7				
10	01	01	1	24	-11.5	0.184	-9.000	-9.000	-999.	190.	49.0	0.56
0.86	1.00			1.80	67.	21.3	286.4	17.7				

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	17.7	0	-999.	-99.00	284.9	99.0	-99.00	-99.00
10	01	01	01	21.3	1	38.	3.10	-999.0	99.0	-99.00	-99.00

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

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 LA_LAUS_Construction_Area\HSR_B-LA_LAUS_C *** 12/18/19
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 *** 00:10:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)		
385914.94	3769216.44	225.65312	(15020908)		
385600.50	3769338.26	91.13901	(15063006)		
385614.67	3769365.17	91.42148	(15063006)		
385623.16	3769392.08	90.26580	(15063006)		
385667.07	3769345.34	100.11174	(15063006)		
385679.82	3769368.00	99.62024	(15063006)		
385715.23	3769328.34	109.89017	(15063006)		
385720.90	3769342.51	109.25770	(15063006)		
385729.40	3769358.09	108.40753	(15063006)		
385744.98	3769385.00	109.65988	(14073106)		
385998.51	3769206.53	554.84276	(15020908)		
385990.01	3769166.87	466.45399	(15022008)		
385944.69	3769232.03	260.83796	(15022008)		
385861.12	3769190.95	198.24011	(15020908)		
386029.67	3769193.78	678.69705	(15020908)		
386022.59	3769151.29	668.34745	(14070206)		
385931.94	3769175.37	313.49152	(15020908)		
386110.93	3769190.76	663.35942	(14060506)		
386106.68	3769167.19	648.87951	(16060906)		
386102.43	3769143.62	619.12135	(10121408)		
386098.19	3769120.05	587.81576	(16070106)		
386093.94	3769096.47	598.73250	(15061106)		
386089.69	3769072.90	619.22721	(15061106)		
386085.44	3769049.33	644.65125	(16072606)		
386081.19	3769025.75	687.46476	(16072606)		
386076.94	3769002.18	651.27885	(16072606)		
386072.69	3768978.61	619.03379	(16072606)		
386068.44	3768955.04	614.78098	(14060406)		
386064.19	3768931.46	614.45608	(14060406)		
386059.94	3768907.89	605.94148	(16062406)		
386055.69	3768884.32	609.90150	(14070706)		
386051.44	3768860.74	609.89485	(14070706)		

	386024.93	3768840.25	796.39745	(16062906)
386001.04	3768843.41	857.68244	(10071306)	
	385975.31	3768876.59	651.34196	(14051606)
385979.46	3768900.17	661.18788	(14051606)	
	385983.60	3768923.74	663.85110	(14120406)
385987.75	3768947.31	664.24762	(14120406)	
	385991.90	3768970.88	658.02452	(14120406)
385996.05	3768994.46	665.46858	(14061206)	
	386000.20	3769018.03	676.25378	(14061206)
386004.34	3769041.60	694.12594	(15101307)	
	386008.49	3769065.18	700.71830	(15061906)
386012.64	3769088.75	722.21749	(14061206)	
	386016.79	3769112.32	712.53125	(14061206)
386020.93	3769135.89	699.51503	(14070206)	
	386025.08	3769159.47	688.43286	(14070206)
386029.23	3769183.04	673.64431	(15020908)	
	386033.38	3769206.61	639.94703	(15061906)
386046.28	3769235.22	682.68358	(16052406)	
	386057.03	3769257.17	742.79583	(15020908)
386067.77	3769279.13	768.67480	(15020908)	
	386078.51	3769301.08	769.95289	(15020908)
386089.25	3769323.04	726.58162	(15020908)	
	386099.99	3769344.99	716.43324	(14061006)
386110.73	3769366.95	721.81352	(14061006)	
	386121.47	3769388.90	721.80902	(14061006)
386132.21	3769410.85	714.50644	(14061006)	
	386142.95	3769432.81	708.29950	(14061006)
386153.69	3769454.76	670.95574	(16063006)	
	386164.43	3769476.72	638.35324	(14061006)
386193.06	3769487.20	730.85099	(16063006)	
	386213.05	3769475.61	747.35996	(16060306)
386227.94	3769438.12	590.83689	(16070106)	
	386218.03	3769416.99	598.77973	(14072906)
386208.11	3769395.86	636.87654	(14032507)	
	386198.20	3769374.73	628.81511	(14032507)
386188.28	3769353.61	611.48408	(14032507)	
	386178.37	3769332.48	647.27013	(14032507)
386168.45	3769311.35	626.43754	(16083106)	
	386158.54	3769290.22	587.50323	(15080506)
386148.62	3769269.09	608.70396	(14060506)	
	386138.71	3769247.96	656.52844	(15061106)
386128.79	3769226.84	666.40973	(15061106)	
	386186.89	3769465.73	1264.41276	(16063006)
386058.00	3769202.28	1475.01675	(16052406)	
	385999.93	3768872.26	1199.28101	(14061306)
386001.35	3768870.84	1247.31193	(15062406)	
	386008.43	3768866.59	1592.36167	(10071306)
386026.84	3768865.18	1269.58685	(15061606)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_LAUS_Construction_Area\HSR_B-LA_LAUS_C *** 12/18/19
*** AERMET - VERSION 16216 *** ***
*** 00:10:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE
CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN
RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
386086.33	3769195.20	1785.44649 (14070706)	
386205.31	3769448.74	1089.06962 (16070106)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_LAUS_Construction_Area\HSR_B-LA_LAUS_C *** 12/18/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:10:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF CO	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	
385914.94	3769216.44	69.89531	(15021708)	
385600.50	3769338.26	25.84277	(15021708)	
385614.67	3769365.17	26.38212	(15021708)	
385623.16	3769392.08	26.52660	(15021708)	
385667.07	3769345.34	29.69176	(15021708)	
385679.82	3769368.00	30.12726	(15021708)	
385715.23	3769328.34	33.35911	(15021708)	
385720.90	3769342.51	33.53892	(15021708)	
385729.40	3769358.09	33.72003	(15021708)	
385744.98	3769385.00	33.60184	(15021708)	
385998.51	3769206.53	160.19386	(14022508)	
385990.01	3769166.87	148.40590	(14022508)	
385944.69	3769232.03	82.06282	(15021708)	
385861.12	3769190.95	54.52385	(15021708)	
386029.67	3769193.78	221.22539	(10121516)	
386022.59	3769151.29	211.06096	(15012008)	
385931.94	3769175.37	85.55231	(14022508)	
386110.93	3769190.76	209.74859	(14021908)	
386106.68	3769167.19	189.21713	(14021908)	
386102.43	3769143.62	184.23132	(14021908)	
386098.19	3769120.05	183.46239	(14021908)	
386093.94	3769096.47	187.74451	(14021908)	
386089.69	3769072.90	198.65910	(14021908)	
386085.44	3769049.33	203.59795	(14021908)	
386081.19	3769025.75	205.70044	(14021908)	
386076.94	3769002.18	208.17695	(14021908)	
386072.69	3768978.61	208.63890	(14021908)	
386068.44	3768955.04	208.39482	(14021908)	
386064.19	3768931.46	207.68226	(14021908)	
386059.94	3768907.89	206.06603	(14021908)	
386055.69	3768884.32	204.87657	(14021908)	
386051.44	3768860.74	198.08238	(14021908)	

	386024.93	3768840.25	204.73310	(15121108)
386001.04	3768843.41	244.50237	(16012008)	
	385975.31	3768876.59	198.89522	(14021108)
385979.46	3768900.17	218.35270	(15012008)	
	385983.60	3768923.74	214.38697	(15012008)
385987.75	3768947.31	215.28384	(15012008)	
	385991.90	3768970.88	215.19400	(15012008)
385996.05	3768994.46	215.59786	(15012008)	
	386000.20	3769018.03	218.92909	(15012008)
386004.34	3769041.60	221.85697	(15012008)	
	386008.49	3769065.18	228.16856	(14022508)
386012.64	3769088.75	231.62207	(15012008)	
	386016.79	3769112.32	231.54859	(15012008)
386020.93	3769135.89	225.24341	(15012008)	
	386025.08	3769159.47	220.20279	(10121516)
386029.23	3769183.04	230.97429	(10121516)	
	386033.38	3769206.61	221.38252	(10121516)
386046.28	3769235.22	235.50003	(10121516)	
	386057.03	3769257.17	243.52606	(10121516)
386067.77	3769279.13	246.44747	(10121516)	
	386078.51	3769301.08	239.39281	(10121516)
386089.25	3769323.04	228.52058	(10121516)	
	386099.99	3769344.99	224.19601	(10121516)
386110.73	3769366.95	212.20696	(10121516)	
	386121.47	3769388.90	199.40869	(10121516)
386132.21	3769410.85	187.30184	(10121516)	
	386142.95	3769432.81	187.20970	(10122208)
386153.69	3769454.76	160.62579	(10122208)	
	386164.43	3769476.72	136.11149	(15031908)
386193.06	3769487.20	171.01941	(11041816)	
	386213.05	3769475.61	169.57096	(11041816)
386227.94	3769438.12	120.71237	(10100408)	
	386218.03	3769416.99	132.69217	(10100408)
386208.11	3769395.86	145.43731	(14032508)	
	386198.20	3769374.73	161.24789	(10121608)
386188.28	3769353.61	166.43102	(10121608)	
	386178.37	3769332.48	174.71629	(14021908)
386168.45	3769311.35	190.64951	(14021908)	
	386158.54	3769290.22	189.42085	(14021908)
386148.62	3769269.09	190.42407	(14021908)	
	386138.71	3769247.96	192.35558	(14021908)
386128.79	3769226.84	196.96846	(14021908)	
	386186.89	3769465.73	365.07369	(10102016)
386058.00	3769202.28	603.03368	(10121516)	
	385999.93	3768872.26	369.40940	(16121208)
386001.35	3768870.84	385.50762	(16121208)	
	386008.43	3768866.59	489.19152	(16012008)
386026.84	3768865.18	371.41671	(14021908)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_LAUS_Construction_Area\HSR_B-LA_LAUS_C *** 12/18/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:10:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	X-
COORD (M)	Y-COORD (M)	CONC (YYMMDDHH)	
386086.33	3769195.20	466.05177 (14021908)	
386205.31	3769448.74	259.79869 (10100416)	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_LAUS_Construction_Area\HSR_B-LA_LAUS_C *** 12/18/19
*** AERMET - VERSION 16216 *** ***
*** 00:10:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF

HIGHEST 1-HR RESULTS ***

MICROGRAMS/M**3

** CONC OF CO IN
**

DATE

NETWORK

GROUP ID AVERAGE CONC (YYMMDDHH)

RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

- - - - -
- - - - -

ALL HIGH 1ST HIGH VALUE IS 1785.44649 ON 14070706: AT (
386086.33, 3769195.20, 89.70, 89.70, 1.80) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_LAUS_Construction_Area\HSR_B-LA_LAUS_C *** 12/18/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:10:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

*** THE SUMMARY OF

HIGHEST 8-HR RESULTS ***

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

DATE

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

ALL HIGH 1ST HIGH VALUE IS 603.03368 ON 10121516: AT (
 386058.00, 3769202.28, 89.98, 89.98, 1.80) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_LAUS_Construction_Area\HSR_B-LA_LAUS_C *** 12/18/19
*** AERMET - VERSION 16216 *** ***
*** 00:10:57

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA URBAN ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 4 Warning Message(s)
A Total of 808 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 4 Calm Hours Identified

A Total of 804 Missing Hours Identified (1.83 Percent)

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

***** WARNING MESSAGES *****
ME W186 93 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 93 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological
File at: 14010101
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological
File at: 2 year gap

*** AERMOD Finishes Successfully ***

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.8.0
** Lakes Environmental Software Inc.
** Date: 12/18/2019
** File: C:\Lakes\AERMOD View\HSR_B-
LA_NO2_LAUS_Platform_Construction_Area\HSR_B-
LA_NO2_LAUS_Platform_Construction_Area.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Lakes\AERMOD View\HSR_B-LA_LAUS_Construction_Area\HSR_B-
LA_LAUS_C
  MODELOPT CONC FASTAREA ARM2
  AVERTIME 1 PERIOD
  URBANOPT 800000
  POLLUTID NO2
  FLAGPOLE 1.80
  RUNORNOT RUN
** NO2 Conversion Options
  ARMRATIO 0.200 0.900
  ERRORFIL HSR_B-LA_NO2_LAUS_Platform_Construction_Area.err
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
  LOCATION PAREA1      AREAPOLY      386184.873      3769457.946      87.720
** Source Parameters **
  SRCPARAM PAREA1      0.0000204572      0.000      8
  AREAVERT PAREA1      386184.873 3769457.946 386061.316 3769199.285
  AREAVERT PAREA1      386007.269 3768879.079 386010.508 3768871.340
  AREAVERT PAREA1      386022.386 3768871.204 386080.620 3769196.112
  AREAVERT PAREA1      386178.622 3769407.002 386195.853 3769448.076
  URBANSRC ALL
** Variable Emissions Type: "By Hour / Seven Days (HRDOW7)"
** Variable Emission Scenario: "Scenario 2"
  EMISFACT PAREA1      HRDOW7 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
  EMISFACT PAREA1      HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0

```

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EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT PAREA1 HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT PAREA1 HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT PAREA1 HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT PAREA1 HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 1.0 1.0 1.0
EMISFACT PAREA1 HRDOW7 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1 HRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
    INCLUDED HSR_B-LA_NO2_LAUS_Platform_Construction_Area.rou
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
    SURFFILE CELA_v9.SFC
    PROFFILE CELA_v9.PFL
    SURFDATA 93134 2010 386790.00 3770000.00
    UAIRDATA 3190 2010
    SITEDATA 99999 2010
    PROFBASE 87.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
    RECTABLE ALLAVE 1ST 8TH
    RECTABLE 1 1ST 8TH
** Auto-Generated Plotfiles

```

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PLOTFILE 1 ALL 1ST HSR_B-
LA_NO2_LAUS_PLATFORM_CONSTRUCTION_AREA.AD\01H1GALL.PLT 31
PLOTFILE 1 ALL 8TH HSR_B-
LA_NO2_LAUS_PLATFORM_CONSTRUCTION_AREA.AD\01H8GALL.PLT 32
PLOTFILE PERIOD ALL HSR_B-
LA_NO2_LAUS_PLATFORM_CONSTRUCTION_AREA.AD\PE00GALL.PLT 33
MXDYBYR ALL HSR_B-
LA_NO2_LAUS_PLATFORM_CONSTRUCTION_AREA.AD\MXDYBYR_ALL_NO2.DAT 34
MAXDAILY ALL HSR_B-
LA_NO2_LAUS_PLATFORM_CONSTRUCTION_AREA.AD\MAXDAILY_ALL_NO2.DAT 35
SUMMFILE HSR_B-LA_NO2_LAUS_Platform_Construction_Area.sum
OU FINISHED

```

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

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

```

A Total of          0 Fatal Error Message(s)
A Total of          4 Warning Message(s)
A Total of          0 Informational Message(s)

```

```

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

```

```

***** WARNING MESSAGES *****
CO W380      27  ARM2_Ratios: This Input Variable is Out-of-Range:
ARM2Min <0.5
CO W361      29      COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2
require MULTYEAR Opt
ME W186      95      MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used      0.50
ME W187      95      MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

```

```

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

```

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_LAUS_Construction_Area\HSR_B-LA_LAUS_C *** 12/18/19
*** AERMET - VERSION 16216 *** ***
*** 00:13:39

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

*** MODEL SETUP OPTIONS
SUMMARY ***

**Model Is Setup For Calculation of Average CONCentration Values.

-- DEPOSITION LOGIC --

**NO GAS DEPOSITION Data Provided.

**NO PARTICLE DEPOSITION Data Provided.

**Model Uses NO DRY DEPLETION. DRYDPLT = F

**Model Uses NO WET DEPLETION. WETDPLT = F

**Model Uses URBAN Dispersion Algorithm for the SBL for 1 Source(s),
for Total of 1 Urban Area(s):

Urban Population = 800000.0 ; Urban Roughness Length = 1.000 m

**Model Allows User-Specified Options:

1. Stack-tip Downwash.
2. Model Accounts for ELEVated Terrain Effects.
3. Use Calms Processing Routine.
4. Use Missing Data Processing Routine.
5. No Exponential Decay.
6. Ambient Ratio Method Ver 2 (ARM2) Used for NO2 Conversion
with a Minimum NO2/NOx Ratio of 0.200
and a Maximum NO2/NOx Ratio of 0.900
7. Urban Roughness Length of 1.0 Meter Used.

**Other Options Specified:

FASTAREA - Use hybrid approach to optimize AREA sources;
also applies to LINE sources (formerly TOXICS option)
ADJ_U* - Use ADJ_U* option for SBL in AERMET
TEMP_Sub - Meteorological data includes TEMP substitutions

**Model Accepts FLAGPOLE Receptor Heights.

**The User Specified a Pollutant Type of: NO2

**Note that special processing requirements apply for the 1-hour NO2
NAAQS - check available guidance.

Model will process user-specified ranks of daily maximum 1-hour values
averaged across the number of years modeled.

For annual NO2 NAAQS modeling, the multi-year maximum of PERIOD values
can be simulated using the MULTYEAR keyword.

Multi-year PERIOD and 1-hour values should only be done in a single model run using the MULTYEAR option with a single multi-year meteorological data file using STARTEND keyword.

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

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

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 0 VOLUME source(s)
and: 1 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 0 line(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)
Model Outputs External File(s) of Maximum Daily 1-hr Values by
Day (MAXDAILY Keyword)
Model Outputs External File(s) of Maximum Daily 1-hr Values by
Year (MXDYBYR 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) = 87.00 ;
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 = 3.5 MB of RAM.

**Input Runstream File: aermod.inp

**Output Print File: aermod.out

**Detailed Error/Message File: HSR_B-
LA_NO2_LAUS_Platform_Construction_Area.err
**File for Summary of Results: HSR_B-
LA_NO2_LAUS_Platform_Construction_Area.sum

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** AREAPOLY SOURCE DATA

NUMBER	NUMBER	EMISSION	RATE	LOCATION OF AREA		BASE	RELEASE
SOURCE	INIT.	URBAN	EMISSION	RATE			
OF VERTS.	PART.	(GRAMS/SEC	X	Y	ELEV.	HEIGHT	
ID	SZ	SOURCE	SCALAR	VARY			
(METERS)	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	
	BY						
PAREA1	0	0.20457E-04	386184.9	3769457.9	87.7	0.00	
8	0.00	YES	HRDOW7				

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

*** SOURCE IDs DEFINING SOURCE

GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL PAREA1 ,

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

*** SOURCE IDs DEFINED AS URBAN

SOURCES ***

URBAN ID	URBAN POP	SOURCE IDs
-----	-----	-----
	800000.	PAREA1 ,

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY
 AND BY DAY OF WEEK (HRDOW7) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR	SCALAR
DAY OF WEEK = MONDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
.0000E+00	6	.1000E+01	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	.1000E+01	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 = TUESDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
.0000E+00	6	.1000E+01	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	.1000E+01	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 = WEDNESDY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
.0000E+00	6	.1000E+01	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	.1000E+01	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 = THURSDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
.0000E+00	6	.1000E+01	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	.1000E+01	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 = FRIDAY								
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5
.0000E+00	6	.1000E+01	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	.1000E+01	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			

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

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

(385914.9, 3769216.4,	86.2,	86.2,	1.8);	(
385600.5, 3769338.3,	92.0,	122.8,	1.8);	(
(385614.7, 3769365.2,	92.0,	122.8,	1.8);	(
385623.2, 3769392.1,	92.5,	122.8,	1.8);	(
(385667.1, 3769345.3,	91.3,	122.4,	1.8);	(
385679.8, 3769368.0,	91.8,	122.3,	1.8);	(
(385715.2, 3769328.3,	90.8,	90.8,	1.8);	(
385720.9, 3769342.5,	91.2,	91.2,	1.8);	(
(385729.4, 3769358.1,	91.4,	91.4,	1.8);	(
385745.0, 3769385.0,	91.3,	91.3,	1.8);	(
(385998.5, 3769206.5,	85.0,	89.7,	1.8);	(
385990.0, 3769166.9,	89.0,	89.0,	1.8);	(
(385944.7, 3769232.0,	85.8,	85.8,	1.8);	(
385861.1, 3769190.9,	85.7,	85.7,	1.8);	(
(386029.7, 3769193.8,	85.2,	90.7,	1.8);	(
386022.6, 3769151.3,	90.2,	90.2,	1.8);	(
(385931.9, 3769175.4,	85.8,	85.8,	1.8);	(
386110.9, 3769190.8,	89.7,	89.7,	1.8);	(
(386106.7, 3769167.2,	89.6,	89.6,	1.8);	(
386102.4, 3769143.6,	89.7,	89.7,	1.8);	(
(386098.2, 3769120.0,	89.6,	89.6,	1.8);	(
386093.9, 3769096.5,	89.6,	89.6,	1.8);	(
(386089.7, 3769072.9,	89.6,	89.6,	1.8);	(
386085.4, 3769049.3,	89.6,	89.6,	1.8);	(
(386081.2, 3769025.8,	89.6,	89.6,	1.8);	(
386076.9, 3769002.2,	89.6,	89.6,	1.8);	(
(386072.7, 3768978.6,	89.6,	89.6,	1.8);	(
386068.4, 3768955.0,	89.6,	89.6,	1.8);	(
(386064.2, 3768931.5,	89.6,	89.6,	1.8);	(
386059.9, 3768907.9,	89.6,	89.6,	1.8);	(
(386055.7, 3768884.3,	89.7,	89.7,	1.8);	(
386051.4, 3768860.7,	89.3,	90.0,	1.8);	(
(386024.9, 3768840.2,	84.6,	92.2,	1.8);	(
386001.0, 3768843.4,	84.5,	92.2,	1.8);	(
(385975.3, 3768876.6,	88.9,	92.2,	1.8);	(
385979.5, 3768900.2,	89.0,	91.4,	1.8);	(
(385983.6, 3768923.7,	88.3,	90.8,	1.8);	(
385987.8, 3768947.3,	89.3,	90.5,	1.8);	(

(385991.9, 3768970.9,	89.3,	89.3,	1.8);	(
385996.0, 3768994.5,	89.8,	89.8,	1.8);	
(386000.2, 3769018.0,	89.8,	89.8,	1.8);	(
386004.3, 3769041.6,	89.8,	89.8,	1.8);	
(386008.5, 3769065.2,	89.9,	89.9,	1.8);	(
386012.6, 3769088.8,	90.0,	90.0,	1.8);	
(386016.8, 3769112.3,	90.0,	90.0,	1.8);	(
386020.9, 3769135.9,	90.0,	90.0,	1.8);	
(386025.1, 3769159.5,	89.8,	89.8,	1.8);	(
386029.2, 3769183.0,	86.7,	90.5,	1.8);	
(386033.4, 3769206.6,	83.5,	90.7,	1.8);	(
386046.3, 3769235.2,	84.2,	90.7,	1.8);	
(386057.0, 3769257.2,	89.0,	90.0,	1.8);	(
386067.8, 3769279.1,	88.9,	90.0,	1.8);	
(386078.5, 3769301.1,	86.5,	90.3,	1.8);	(
386089.2, 3769323.0,	89.1,	90.3,	1.8);	
(386100.0, 3769345.0,	90.3,	90.3,	1.8);	(
386110.7, 3769366.9,	90.3,	90.3,	1.8);	
(386121.5, 3769388.9,	89.4,	90.2,	1.8);	(
386132.2, 3769410.8,	87.1,	90.3,	1.8);	
(386143.0, 3769432.8,	87.2,	90.3,	1.8);	(
386153.7, 3769454.8,	87.0,	90.1,	1.8);	
(386164.4, 3769476.7,	86.4,	90.4,	1.8);	(
386193.1, 3769487.2,	87.3,	90.4,	1.8);	
(386213.0, 3769475.6,	90.3,	90.3,	1.8);	(
386227.9, 3769438.1,	84.2,	90.6,	1.8);	
(386218.0, 3769417.0,	87.0,	90.5,	1.8);	(
386208.1, 3769395.9,	90.4,	90.4,	1.8);	
(386198.2, 3769374.7,	90.4,	90.4,	1.8);	(
386188.3, 3769353.6,	90.2,	90.2,	1.8);	
(386178.4, 3769332.5,	90.0,	90.0,	1.8);	(
386168.5, 3769311.3,	89.9,	89.9,	1.8);	
(386158.5, 3769290.2,	89.9,	89.9,	1.8);	(
386148.6, 3769269.1,	89.8,	89.8,	1.8);	
(386138.7, 3769248.0,	89.8,	89.8,	1.8);	(
386128.8, 3769226.8,	89.8,	89.8,	1.8);	
(386186.9, 3769465.7,	84.7,	90.4,	1.8);	(
386058.0, 3769202.3,	90.0,	90.0,	1.8);	
(385999.9, 3768872.3,	92.0,	92.0,	1.8);	(
386001.3, 3768870.8,	92.0,	92.0,	1.8);	
(386008.4, 3768866.6,	91.8,	92.2,	1.8);	(
386026.8, 3768865.2,	89.9,	92.2,	1.8);	
(386086.3, 3769195.2,	89.7,	89.7,	1.8);	(
386205.3, 3769448.7,	83.6,	90.5,	1.8);	

8.23, 10.80, 1.54, 3.09, 5.14,

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** UP TO THE FIRST 24 HOURS OF

METEOROLOGICAL DATA ***

Surface file: CELA_v9.SFC
 Met Version: 16216
 Profile file: CELA_v9.PFL
 Surface format: FREE
 Profile format: FREE
 Surface station no.: 93134 Upper air station no.:
 3190
 Name: 386790.00 Name:
 UNKNOWN
 Year: 2010 Year:
 2010

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					
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	01	01	1	01	-33.0	0.331	-9.000	-9.000	-999.	456.	120.2	0.56	
0.86	1.00			3.10	38.	21.3	284.9	17.7					
10	01	01	1	02	-26.9	0.285	-9.000	-9.000	-999.	367.	89.6	0.56	
0.86	1.00			2.70	38.	21.3	284.2	17.7					
10	01	01	1	03	-38.6	0.387	-9.000	-9.000	-999.	577.	164.6	0.56	
0.86	1.00			3.60	35.	21.3	284.2	17.7					
10	01	01	1	04	-33.0	0.331	-9.000	-9.000	-999.	458.	120.2	0.56	
0.86	1.00			3.10	34.	21.3	283.8	17.7					
10	01	01	1	05	-33.1	0.331	-9.000	-9.000	-999.	456.	120.2	0.56	
0.86	1.00			3.10	37.	21.3	283.1	17.7					
10	01	01	1	06	-38.7	0.387	-9.000	-9.000	-999.	577.	164.5	0.56	
0.86	1.00			3.60	24.	21.3	283.1	17.7					
10	01	01	1	07	-38.6	0.387	-9.000	-9.000	-999.	577.	164.5	0.56	
0.86	1.00			3.60	35.	21.3	283.8	17.7					
10	01	01	1	08	-29.6	0.435	-9.000	-9.000	-999.	688.	251.8	0.56	
0.86	0.55			4.00	35.	21.3	283.8	17.7					
10	01	01	1	09	30.0	0.426	0.367	0.008	59.	666.	-232.0	0.56	
0.86	0.32			3.60	38.	21.3	286.4	17.7					
10	01	01	1	10	72.3	0.359	0.629	0.008	124.	519.	-57.8	0.56	
0.86	0.24			2.70	34.	21.3	290.4	17.7					
10	01	01	1	11	104.4	0.321	0.998	0.008	344.	437.	-28.6	0.56	
0.86	0.21			2.20	43.	21.3	292.5	17.7					
10	01	01	1	12	115.1	0.283	1.156	0.008	484.	363.	-17.9	0.56	
0.86	0.20			1.80	62.	21.3	295.9	17.7					

10	01	01	1	13	91.4	0.406	1.130	0.008	568.	622.	-66.2	0.56
0.86	0.20			3.10	263.	21.3	294.2	17.7				
10	01	01	1	14	89.3	0.316	1.168	0.008	642.	432.	-31.9	0.56
0.86	0.21			2.20	259.	21.3	294.9	17.7				
10	01	01	1	15	42.6	0.295	0.928	0.008	675.	384.	-54.0	0.56
0.86	0.25			2.20	267.	21.3	294.9	17.7				
10	01	01	1	16	12.0	0.359	0.609	0.008	680.	516.	-347.9	0.56
0.86	0.33			3.10	264.	21.3	292.5	17.7				
10	01	01	1	17	-15.7	0.231	-9.000	-9.000	-999.	276.	70.7	0.56
0.86	0.60			2.20	288.	21.3	290.9	17.7				
10	01	01	1	18	-6.1	0.135	-9.000	-9.000	-999.	124.	36.7	0.56
0.86	1.00			1.30	344.	21.3	289.2	17.7				
10	01	01	1	19	-11.4	0.184	-9.000	-9.000	-999.	190.	49.2	0.56
0.86	1.00			1.80	2.	21.3	288.8	17.7				
10	01	01	1	20	-17.4	0.229	-9.000	-9.000	-999.	263.	62.1	0.56
0.86	1.00			2.20	22.	21.3	288.1	17.7				
10	01	01	1	21	-17.4	0.229	-9.000	-9.000	-999.	263.	61.9	0.56
0.86	1.00			2.20	40.	21.3	287.0	17.7				
10	01	01	1	22	-11.5	0.184	-9.000	-9.000	-999.	190.	49.1	0.56
0.86	1.00			1.80	306.	21.3	287.0	17.7				
10	01	01	1	23	-11.5	0.184	-9.000	-9.000	-999.	190.	49.0	0.56
0.86	1.00			1.80	45.	21.3	286.4	17.7				
10	01	01	1	24	-11.5	0.184	-9.000	-9.000	-999.	190.	49.0	0.56
0.86	1.00			1.80	67.	21.3	286.4	17.7				

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
10	01	01	01	17.7	0	-999.	-99.00	284.9	99.0	-99.00	-99.00
10	01	01	01	21.3	1	38.	3.10	-999.0	99.0	-99.00	-99.00

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
385914.94	3769216.44	0.46186		
385600.50	3769338.26	0.03796		
385614.67	3769365.17	0.03608		
385623.16	3769392.08	0.03344		
385667.07	3769345.34	0.04660		
385679.82	3769368.00	0.04445		
385715.23	3769328.34	0.06059		
385720.90	3769342.51	0.05810		
385729.40	3769358.09	0.05631		
385744.98	3769385.00	0.05385		
385998.51	3769206.53	1.64148		
385990.01	3769166.87	1.78900		
385944.69	3769232.03	0.59753		
385861.12	3769190.95	0.31074		
386029.67	3769193.78	3.55260		
386022.59	3769151.29	3.72272		
385931.94	3769175.37	0.74663		
386110.93	3769190.76	2.99427		
386106.68	3769167.19	2.83029		
386102.43	3769143.62	2.73880		
386098.19	3769120.05	2.76523		
386093.94	3769096.47	2.54117		
386089.69	3769072.90	2.50660		
386085.44	3769049.33	2.47105		
386081.19	3769025.75	2.41428		
386076.94	3769002.18	2.32496		
386072.69	3768978.61	2.20246		
386068.44	3768955.04	2.04953		
386064.19	3768931.46	1.88132		
386059.94	3768907.89	1.63127		

	386055.69	3768884.32	1.23247
386051.44	3768860.74	0.77175	
	386024.93	3768840.25	1.06499
386001.04	3768843.41	1.97245	
	385975.31	3768876.59	2.57249
385979.46	3768900.17	3.05327	
	385983.60	3768923.74	3.30738
385987.75	3768947.31	3.42008	
	385991.90	3768970.88	3.52773
385996.05	3768994.46	3.62757	
	386000.20	3769018.03	3.74167
386004.34	3769041.60	3.84469	
	386008.49	3769065.18	3.91341
386012.64	3769088.75	3.94652	
	386016.79	3769112.32	3.96728
386020.93	3769135.89	3.90994	
	386025.08	3769159.47	3.86176
386029.23	3769183.04	3.83194	
	386033.38	3769206.61	3.51291
386046.28	3769235.22	3.72845	
	386057.03	3769257.17	3.69448
386067.77	3769279.13	3.66678	
	386078.51	3769301.08	3.68025
386089.25	3769323.04	3.60101	
	386099.99	3769344.99	3.48957
386110.73	3769366.95	3.31065	
	386121.47	3769388.90	3.11397
386132.21	3769410.85	2.82844	
	386142.95	3769432.81	2.38442
386153.69	3769454.76	1.77848	
	386164.43	3769476.72	1.25873
386193.06	3769487.20	1.30756	
	386213.05	3769475.61	1.42040
386227.94	3769438.12	1.32583	
	386218.03	3769416.99	1.62877
386208.11	3769395.86	1.74108	
	386198.20	3769374.73	1.89523
386188.28	3769353.61	2.00157	
	386178.37	3769332.48	2.12039
386168.45	3769311.35	2.22458	
	386158.54	3769290.22	2.31482
386148.62	3769269.09	2.39743	
	386138.71	3769247.96	2.47256
386128.79	3769226.84	2.54618	
	386186.89	3769465.73	3.25910
386058.00	3769202.28	10.16544	
	385999.93	3768872.26	4.57602
386001.35	3768870.84	4.59834	
	386008.43	3768866.59	4.61248
386026.84	3768865.18	2.33596	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE
 CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN
 RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
386086.33	3769195.20	9.15467		
386205.31	3769448.74	3.41580		

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
385914.94	3769216.44	23.61316		
385600.50	3769338.26	9.44745		
385614.67	3769365.17	9.30308		
385623.16	3769392.08	9.13426		
385667.07	3769345.34	10.24282		
385679.82	3769368.00	10.16545		
385715.23	3769328.34	11.29616		
385720.90	3769342.51	11.20189		
385729.40	3769358.09	11.21599		
385744.98	3769385.00	11.28280		
385998.51	3769206.53	52.30591		
385990.01	3769166.87	49.37013		
385944.69	3769232.03	27.32257		
385861.12	3769190.95	19.67576		
386029.67	3769193.78	70.56231		
386022.59	3769151.29	72.10543		
385931.94	3769175.37	29.55523		
386110.93	3769190.76	71.28322		
386106.68	3769167.19	67.53287		
386102.43	3769143.62	64.12643		
386098.19	3769120.05	62.31347		
386093.94	3769096.47	64.83182		
386089.69	3769072.90	67.83063		
386085.44	3769049.33	70.07064		
386081.19	3769025.75	70.74655		
386076.94	3769002.18	68.78993		
386072.69	3768978.61	66.54991		
386068.44	3768955.04	65.76646		
386064.19	3768931.46	65.28730		
386059.94	3768907.89	64.93487		

	386055.69	3768884.32	65.23332
386051.44	3768860.74	64.86232	
	386024.93	3768840.25	85.10916
386001.04	3768843.41	90.35029	
	385975.31	3768876.59	70.02292
385979.46	3768900.17	72.34712	
	385983.60	3768923.74	72.36187
385987.75	3768947.31	72.41374	
	385991.90	3768970.88	71.50273
385996.05	3768994.46	72.28389	
	386000.20	3769018.03	73.29557
386004.34	3769041.60	75.39850	
	386008.49	3769065.18	77.05821
386012.64	3769088.75	77.81205	
	386016.79	3769112.32	77.32323
386020.93	3769135.89	75.73276	
	386025.08	3769159.47	74.24082
386029.23	3769183.04	72.93612	
	386033.38	3769206.61	70.03278
386046.28	3769235.22	74.45975	
	386057.03	3769257.17	78.54692
386067.77	3769279.13	77.70241	
	386078.51	3769301.08	77.57649
386089.25	3769323.04	77.50211	
	386099.99	3769344.99	75.54548
386110.73	3769366.95	75.66889	
	386121.47	3769388.90	75.14621
386132.21	3769410.85	74.47836	
	386142.95	3769432.81	74.05835
386153.69	3769454.76	69.67100	
	386164.43	3769476.72	67.12441
386193.06	3769487.20	71.20197	
	386213.05	3769475.61	75.52684
386227.94	3769438.12	60.28080	
	386218.03	3769416.99	63.17122
386208.11	3769395.86	66.65113	
	386198.20	3769374.73	64.44242
386188.28	3769353.61	63.21911	
	386178.37	3769332.48	65.36897
386168.45	3769311.35	64.49855	
	386158.54	3769290.22	64.29253
386148.62	3769269.09	66.00407	
	386138.71	3769247.96	67.07833
386128.79	3769226.84	66.42962	
	386186.89	3769465.73	114.86140
386058.00	3769202.28	128.63360	
	385999.93	3768872.26	116.26543
386001.35	3768870.84	119.18683	
	386008.43	3768866.59	130.96365
386026.84	3768865.18	119.94726	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
386086.33	3769195.20	130.07712		
386205.31	3769448.74	107.89320		

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
385914.94	3769216.44	20.59652		
385600.50	3769338.26	6.73686		
385614.67	3769365.17	6.60677		
385623.16	3769392.08	6.47598		
385667.07	3769345.34	7.58892		
385679.82	3769368.00	7.74527		
385715.23	3769328.34	8.67149		
385720.90	3769342.51	8.79793		
385729.40	3769358.09	8.97812		
385744.98	3769385.00	9.12978		
385998.51	3769206.53	43.68458		
385990.01	3769166.87	42.57751		
385944.69	3769232.03	23.95312		
385861.12	3769190.95	16.76243		
386029.67	3769193.78	62.68446		
386022.59	3769151.29	65.21784		
385931.94	3769175.37	25.24302		
386110.93	3769190.76	63.10609		
386106.68	3769167.19	60.10414		
386102.43	3769143.62	58.50245		
386098.19	3769120.05	57.37048		
386093.94	3769096.47	57.97340		
386089.69	3769072.90	60.42641		
386085.44	3769049.33	61.41940		
386081.19	3769025.75	62.01934		
386076.94	3769002.18	62.05783		
386072.69	3768978.61	61.35854		
386068.44	3768955.04	60.51132		
386064.19	3768931.46	60.39807		
386059.94	3768907.89	59.88480		

	386055.69	3768884.32	59.65207
386051.44	3768860.74	58.50324	
	386024.93	3768840.25	69.81990
386001.04	3768843.41	74.90884	
	385975.31	3768876.59	63.08007
385979.46	3768900.17	66.21572	
	385983.60	3768923.74	66.23067
385987.75	3768947.31	65.84678	
	385991.90	3768970.88	65.41985
385996.05	3768994.46	65.60568	
	386000.20	3769018.03	66.69773
386004.34	3769041.60	68.53446	
	386008.49	3769065.18	69.50268
386012.64	3769088.75	69.83831	
	386016.79	3769112.32	70.27907
386020.93	3769135.89	68.41165	
	386025.08	3769159.47	66.20082
386029.23	3769183.04	65.72805	
	386033.38	3769206.61	62.78267
386046.28	3769235.22	65.02913	
	386057.03	3769257.17	64.28671
386067.77	3769279.13	63.92507	
	386078.51	3769301.08	64.71260
386089.25	3769323.04	66.03620	
	386099.99	3769344.99	66.03225
386110.73	3769366.95	66.07864	
	386121.47	3769388.90	65.17896
386132.21	3769410.85	64.75508	
	386142.95	3769432.81	64.13023
386153.69	3769454.76	58.08237	
	386164.43	3769476.72	57.44295
386193.06	3769487.20	59.47044	
	386213.05	3769475.61	51.53930
386227.94	3769438.12	39.40653	
	386218.03	3769416.99	48.20787
386208.11	3769395.86	54.33143	
	386198.20	3769374.73	53.79523
386188.28	3769353.61	54.73354	
	386178.37	3769332.48	56.06892
386168.45	3769311.35	57.19376	
	386158.54	3769290.22	58.49345
386148.62	3769269.09	59.18593	
	386138.71	3769247.96	58.48657
386128.79	3769226.84	58.91011	
	386186.89	3769465.73	103.58799
386058.00	3769202.28	123.80178	
	385999.93	3768872.26	108.59393
386001.35	3768870.84	111.49947	
	386008.43	3768866.59	124.04745
386026.84	3768865.18	111.52860	

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE 8TH-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES
 AVERAGED OVER 5 YEARS FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): PAREA1 ,

*** DISCRETE CARTESIAN

RECEPTOR POINTS ***

MICROGRAMS/M**3			** CONC OF NO2	IN
			**	
X-COORD (M)	Y-COORD (M)	CONC		X-
COORD (M)	Y-COORD (M)	CONC		
386086.33	3769195.20	120.46989		
386205.31	3769448.74	80.83456		

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD

(43824 HRS) RESULTS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN **

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

ALL	1ST HIGHEST VALUE IS	10.16544 AT (386058.00,
3769202.28,	89.98, 89.98,	1.80) DC
	2ND HIGHEST VALUE IS	9.15467 AT (386086.33,
3769195.20,	89.70, 89.70,	1.80) DC
	3RD HIGHEST VALUE IS	4.61248 AT (386008.43,
3768866.59,	91.75, 92.17,	1.80) DC
	4TH HIGHEST VALUE IS	4.59834 AT (386001.35,
3768870.84,	92.02, 92.02,	1.80) DC
	5TH HIGHEST VALUE IS	4.57602 AT (385999.93,
3768872.26,	91.98, 91.98,	1.80) DC
	6TH HIGHEST VALUE IS	3.96728 AT (386016.79,
3769112.32,	90.00, 90.00,	1.80) DC
	7TH HIGHEST VALUE IS	3.94652 AT (386012.64,
3769088.75,	89.98, 89.98,	1.80) DC
	8TH HIGHEST VALUE IS	3.91341 AT (386008.49,
3769065.18,	89.88, 89.88,	1.80) DC
	9TH HIGHEST VALUE IS	3.90994 AT (386020.93,
3769135.89,	90.04, 90.04,	1.80) DC
	10TH HIGHEST VALUE IS	3.86176 AT (386025.08,
3769159.47,	89.78, 89.78,	1.80) DC

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

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE SUMMARY OF MAXIMUM 1ST-HIGHEST MAX DAILY
 1-HR RESULTS AVERAGED OVER 5 YEARS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN **

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

ALL	1ST HIGHEST VALUE IS	130.96365 AT (	386008.43,
3768866.59,	91.75, 92.17,	1.80) DC	
	2ND HIGHEST VALUE IS	130.07712 AT (	386086.33,
3769195.20,	89.70, 89.70,	1.80) DC	
	3RD HIGHEST VALUE IS	128.63360 AT (	386058.00,
3769202.28,	89.98, 89.98,	1.80) DC	
	4TH HIGHEST VALUE IS	119.94726 AT (	386026.84,
3768865.18,	89.90, 92.17,	1.80) DC	
	5TH HIGHEST VALUE IS	119.18683 AT (	386001.35,
3768870.84,	92.02, 92.02,	1.80) DC	
	6TH HIGHEST VALUE IS	116.26543 AT (	385999.93,
3768872.26,	91.98, 91.98,	1.80) DC	
	7TH HIGHEST VALUE IS	114.86140 AT (	386186.89,
3769465.73,	84.70, 90.42,	1.80) DC	
	8TH HIGHEST VALUE IS	107.89320 AT (	386205.31,
3769448.74,	83.63, 90.47,	1.80) DC	
	9TH HIGHEST VALUE IS	90.35029 AT (	386001.04,
3768843.41,	84.47, 92.22,	1.80) DC	
	10TH HIGHEST VALUE IS	85.10916 AT (	386024.93,
3768840.25,	84.60, 92.22,	1.80) DC	

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
 LA_LAUS_Construction_Area\HSR_B-LA_LAUS_C *** 12/18/19
 *** AERMET - VERSION 16216 *** ***
 *** 00:13:39

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
 ADJ_U*

*** THE SUMMARY OF MAXIMUM 8TH-HIGHEST MAX DAILY
 1-HR RESULTS AVERAGED OVER 5 YEARS ***

MICROGRAMS/M**3 ** CONC OF NO2 IN **

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

ALL	1ST HIGHEST VALUE IS	124.04745 AT (386008.43,
3768866.59,	91.75, 92.17,	1.80) DC
	2ND HIGHEST VALUE IS	123.80178 AT (386058.00,
3769202.28,	89.98, 89.98,	1.80) DC
	3RD HIGHEST VALUE IS	120.46989 AT (386086.33,
3769195.20,	89.70, 89.70,	1.80) DC
	4TH HIGHEST VALUE IS	111.52860 AT (386026.84,
3768865.18,	89.90, 92.17,	1.80) DC
	5TH HIGHEST VALUE IS	111.49947 AT (386001.35,
3768870.84,	92.02, 92.02,	1.80) DC
	6TH HIGHEST VALUE IS	108.59393 AT (385999.93,
3768872.26,	91.98, 91.98,	1.80) DC
	7TH HIGHEST VALUE IS	103.58799 AT (386186.89,
3769465.73,	84.70, 90.42,	1.80) DC
	8TH HIGHEST VALUE IS	80.83456 AT (386205.31,
3769448.74,	83.63, 90.47,	1.80) DC
	9TH HIGHEST VALUE IS	74.90884 AT (386001.04,
3768843.41,	84.47, 92.22,	1.80) DC
	10TH HIGHEST VALUE IS	70.27907 AT (386016.79,
3769112.32,	90.00, 90.00,	1.80) DC

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

*** AERMOD - VERSION 19191 *** *** C:\Lakes\AERMOD View\HSR_B-
LA_LAUS_Construction_Area\HSR_B-LA_LAUS_C *** 12/18/19
*** AERMET - VERSION 16216 *** ***
*** 00:13:39

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*** MODELOPTs: NonDEFAULT CONC ELEV FLGPOL FASTAREA ARM2 URBAN
ADJ_U*

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

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

A Total of 0 Fatal Error Message(s)
A Total of 6 Warning Message(s)
A Total of 808 Informational Message(s)

A Total of 43824 Hours Were Processed

A Total of 4 Calm Hours Identified

A Total of 804 Missing Hours Identified (1.83 Percent)

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

***** WARNING MESSAGES *****
CO W380 27 ARM2_Ratios: This Input Variable is Out-of-Range:
ARM2Min <0.5
CO W361 29 COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2
require MULTYEAR Opt
ME W186 95 MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used 0.50
ME W187 95 MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological
File at: 14010101
MX W450 17521 CHKDAT: Record Out of Sequence in Meteorological
File at: 2 year gap

*** AERMOD Finishes Successfully ***

ATTACHMENT B: HUMAN HEALTH RISK ANALYSIS

This attachment contains the following summary sheets and calculations sheets for each of the scenarios analyzed:

1. Burbank Airport Station SEM Tunneling and Cut and Cover Rail Segment Construction Area
2. Burbank Boulevard Grade Separation Construction Area
3. Glendale 2-mile Track Segment Construction Area
4. Metrolink CMF Construction Area
5. Main Street Overpass Construction Area
6. Los Angeles Union Station Platform Construction Area

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HSR B-LA Construction Areas 1 through 6 -- DPM Cancer Risk and Chronic Hazard Quotient Estimates from Construction Activity																				
Construction DPM Cancer Risk Values at Selected Sensitive Receptors (including Residential Land Uses, Senior Living Communities, Recreational Parks, and Schools)																				
Pollutant*	Sensitive Receptor Type	Sensitive Receptor Age Group	Construction Area 1: BAS Tunneling Cut & Cover			Construction Area 2: Burbank Blvd Overcrossing			Construction Area 3: Glendale 2-Miles Segment			Construction Area 4: Metrolink CMF			Construction Area 5: Main Street Overcrossing			Construction Area 6: LAUS Platforms		
			Estimated Concentration (µg/m3)	Cancer Risk (per million)**	Chronic Hazard Quotient***	Estimated Concentration (µg/m3)	Cancer Risk (per million)	Chronic Hazard Quotient***	Estimated Concentration (µg/m3)	Cancer Risk (per million)	Chronic Hazard Quotient***	Estimated Concentration (µg/m3)	Cancer Risk (per million)	Chronic Hazard Quotient***	Estimated Concentration (µg/m3)	Cancer Risk (per million)	Chronic Hazard Quotient***	Estimated Concentration (µg/m3)	Cancer Risk (per million)	Chronic Hazard Quotient***
DPM	Residential	16 < 70 year	0.02768	3.84E-06	5.54E-03	0.06557	9.09E-06	1.31E-02	0.07375	1.02E-05	1.48E-02	0.02742	3.80E-06	5.48E-03	0.27044	3.75E-05	5.41E-02	0.05324	7.38E-06	1.06E-02
		16 < 30 year	0.02768	1.11E-06	NA	0.06557	2.64E-06	NA	0.07375	2.97E-06	NA	0.02742	1.10E-06	NA	0.27044	1.09E-05	NA	0.05324	2.14E-06	NA
		2 < 16 year	0.02768	1.00E-05	NA	0.06557	2.38E-05	NA	0.07375	2.67E-05	NA	0.02742	9.94E-06	NA	0.27044	9.80E-05	NA	0.05324	1.93E-05	NA
		2 < 9 Year	0.02768	5.53E-06	NA	0.06557	1.31E-05	NA	0.07375	1.47E-05	NA	0.02742	5.48E-06	NA	0.27044	5.41E-05	NA	0.05324	1.06E-05	NA
		0 < 2 year	0.02768	9.10E-06	NA	0.06557	2.16E-05	NA	0.07375	2.43E-05	NA	0.02742	9.02E-06	NA	0.27044	8.89E-05	NA	0.05324	1.75E-05	NA
		3rd trimester	0.02768	3.77E-07	NA	0.06557	8.93E-07	NA	0.07375	1.00E-06	NA	0.02742	3.73E-07	NA	0.27044	3.68E-06	NA	0.05324	7.25E-07	NA
DPM	Recreational	16 < 70 year	0.03332	0.00E+00	NA	0.02066	0.00E+00	NA	0.05938	0.00E+00	NA	0.08370	0.00E+00	NA	0.04837	0.00E+00	NA	0.00000	0.00E+00	NA
		16 < 30 year	0.03332	4.40E-08	NA	0.02066	2.73E-08	NA	0.05938	7.85E-08	NA	0.08370	1.11E-07	NA	0.04837	6.39E-08	NA	0.00000	0.00E+00	NA
		2 < 16 year	0.03332	1.31E-07	NA	0.02066	8.10E-08	NA	0.05938	2.33E-07	NA	0.08370	3.28E-07	NA	0.04837	1.90E-07	NA	0.00000	0.00E+00	NA
		2 < 9 Year	0.03332	5.63E-07	NA	0.02066	3.49E-07	NA	0.05938	1.00E-06	NA	0.08370	1.41E-06	NA	0.04837	8.17E-07	NA	0.00000	0.00E+00	NA
		0 < 2 year	0.03332	1.01E-06	NA	0.02066	6.23E-07	NA	0.05938	1.79E-06	NA	0.08370	2.53E-06	NA	0.04837	1.46E-06	NA	0.00000	0.00E+00	NA
		3rd trimester	0.03332	0.00E+00	NA	0.02066	0.00E+00	NA	0.05938	0.00E+00	NA	0.08370	0.00E+00	NA	0.04837	0.00E+00	NA	0.00000	0.00E+00	NA
DPM	School	16 < 70 year	0.02050	0.00E+00	NA	0.01673	0.00E+00	NA	0.01571	0.00E+00	NA	0.04421	0.00E+00	NA	0.05004	0.00E+00	NA	0.00000	0.00E+00	NA
		16 < 30 year	0.02050	0.00E+00	NA	0.01673	0.00E+00	NA	0.01571	0.00E+00	NA	0.04421	0.00E+00	NA	0.05004	0.00E+00	NA	0.00000	0.00E+00	NA
		2 < 16 year	0.02050	4.22E-07	NA	0.01673	3.45E-07	NA	0.01571	3.24E-07	NA	0.04421	9.10E-07	NA	0.05004	1.03E-06	NA	0.00000	0.00E+00	NA
		2 < 9 Year	0.02050	5.20E-07	NA	0.01673	4.24E-07	NA	0.01571	3.98E-07	NA	0.04421	1.12E-06	NA	0.05004	1.27E-06	NA	0.00000	0.00E+00	NA
		0 < 2 year	0.02050	0.00E+00	NA	0.01673	0.00E+00	NA	0.01571	0.00E+00	NA	0.04421	0.00E+00	NA	0.05004	0.00E+00	NA	0.00000	0.00E+00	NA
		3rd trimester	0.02050	0.00E+00	NA	0.01673	0.00E+00	NA	0.01571	0.00E+00	NA	0.04421	0.00E+00	NA	0.05004	0.00E+00	NA	0.00000	0.00E+00	NA
Notes:																				
*** Chronic hazard quotient calculated for the maximally exposed individual. This is assumed to be the 30 to 70 year residential exposure. Average annual exposure concentration is used, calculated over five years of representative MET and Terrain data..																				
* Based on the estimated 5-year average annual ground-level concentrations																				
** Regulatory acceptable threshold is 10 per million, or 1.00E-05.																				
Acronymes and abbreviations:																				
DPM	diesel particulate matter																			
(µg/m3)	micrograms per cubic meter																			
	Unacceptable cancer risk level, greater than 1.00E-5																			
	Unacceptable chronic hazard quotient, greater than 1.0E+0																			
UTM	Universal Transverse Mercator coordinate system (standard system to locate objects on the surface of Earth)																			

Construction Area 2	Burbank Boulevard Grade Separation Construction-- DPM Cancer Risk Estimates from Construction Activity								DPM Chronic Risk Estimates from Construction Activity
	Sensitive Receptor: Residential, Schools and Health Care Facilities								
	Diesel Particulate Matter (DPM) Cancer Risk Calculations (assuming DPM = 100% PM10 exhaust emissions from project)								
Receptor Age Categories			3rd trimester	0<2 years	2<9 years	2<16 years	16<30 years	16<70 years	Estimated Chronic Hazard Quotient
Cancer Risk _{inh:} ⁽¹⁾ - Residential			8.93E-07	2.16E-05	1.31E-05	2.38E-05	2.64E-06	9.09E-06	Acceptable Chronic Hazard Quotient: less than 1.0 1.31E-02
Cancer Risk _{inh:} ⁽¹⁾ - Recreational			0.00E+00	6.23E-07	3.49E-07	8.10E-08	2.73E-08	0.00E+00	
Cancer Risk _{inh:} ⁽¹⁾ - School			0.00E+00	0.00E+00	4.24E-07	3.45E-07	0.00E+00	0.00E+00	
Equations used in calculating Cancer Risk:			Acceptable Risk: 10 in a million (1.00E-05) (ten in a million, SCAQMD and CARB)						Equation used in calculating Chronic Hazard Quotient:
Cancer Risk _{inh} = Dose _{air} * CPF * ASF * ED/AT * FAH									Hazard Quotient= C _{air} /REL _{DPM}
Dose _{air} = C _{air} * {BR/BW} * A * EF * 10 ⁻⁶									The hazard quotient is for the maximally exposed individual: assumed 16 to 70 year resident.
Definition of terms									Reference Source
CPF	Inhalation Cancer Potency Factor	mg/kg-day	1.1	1.1	1.1	1.1	1.1	1.1	CPF=Inhalation cancer potency factor for diesel particulate matter. OEHHA 2015 page 178
C _{air}	200 meters from source area: Concentration in air (from AERMOD model results, receptor analysis)	µg/m ³ (Residential)	0.06557	0.06557	0.06557	0.06557	0.06557	0.06557	Using Annual Average C _{air} from AERMOD output data file for applicable receptor
		µg/m ³ (Recreational)	0.02066	0.02066	0.02066	0.02066	0.02066	0.02066	
		µg/m ³ (School)	0.01673	0.01673	0.01673	0.01673	0.01673	0.01673	
{BR/BW}	Daily Breathing Rate normalized to body weight	L/kg-day (Residential)	361	1090	631	572	261	233	OEHHA 2015, Table 5.6, 95th percentile for 3rd trimester – 2 yrs old; 80th percentile for other age groups Table 5.7
		L/kg-day (Recreational)	0	1200	640	520	240	230	OEHHA 2015, Table 5.8 (95th, moderate) for all age bins but 3rd trimester; assume no 3rd trimester receptors
		L/kg-day (School)	0	1200	640	520	240	230	Same as recreational
A	Inhalation absorption factor	unitless	1	1	1	1	1	1	Constant
EF	Exposure Frequency, (Fraction of time exposed)	days/365 days (Residential)	0.96	0.96	0.96	0.96	0.96	0.96	OEHHA 2015, page 5-24, 350 days/year
		days/365 days (Recreational)	0.08	0.08	0.08	0.08	0.08	0.08	Yearly, based on estimated 350 day/yr, 2 hrs/day exposure
		days/365 days (School)	0.12	0.12	0.12	0.12	0.12	0.12	Based on 180 days/yr, 6 hrs/day
ED	Exposure duration for a specified age	years (Residential - 70 years)	0.25	2		14		54	Equation 8.2.4 A, OEHHA 2015
		years (Residential - 30 years)	0.25	2		14	14	0	Equation 8.2.4 A, OEHHA 2015
		years (Residential - 9 years)	0.25	2	7				Equation 8.2.4 A, OEHHA 2015
		years (Recreational)		2	7	2	6		Equation 8.2.4 A, OEHHA 2015
		years (School - 9 years))		0	7	7			OEHHA revised Risk Assessment Guidelines - enhanced protection of children
AT	Averaging time for lifetime cancer risk	years	70.00	70.00	70.00	70.00	70.00	70.00	Exposure years for lifetime cancer risk (years), always 70.
FAH	Fraction of time spent at home	unitless	1.00	1.00	1.00	1.00	0.73	0.73	Table I.4, OEHHA 2015 Guidance Appendix (for residential, and each scenario has schools present)
ASF	Age sensitivity Factor	unitless	10	10	3	3	1	1	OEHHA 2015, Table 8.3
WAF	Worker Adjustment Factor	unitless					1	1	Source is constant; WAF of 1 assumed per OEHHA 2015 page 5-31
1.00E-06	Conversion Factor	unitless	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.00E-06	Micrograms to milligrams and liters to cubic meters conversion factor
REL _{DPM}	Chronic Reference Exposure Level (DPM REL)	µg/m ³	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	OEHHA 2015
NOTES:									
(1) (Estimated Inhalation Cancer Risk from Construction Phase)									

Construction Area 6	LAUS Platforms Construction-- DPM Cancer Risk Estimates from Construction Activity								DPM Chronic Risk Estimates from Construction Activity
	Sensitive Receptor: Residential, Schools and Health Care Facilities								
	Diesel Particulate Matter (DPM) Cancer Risk Calculations (assuming DPM = 100% PM10 exhaust emissions from project)								
Receptor Age Categories			3rd trimester	0<2 years	2<9 years	2<16 years	16<30 years	16<70 years	Estimated Chronic Hazard Quotient
Cancer Risk _{inh:} ⁽¹⁾ - Residential			7.25E-07	1.75E-05	1.06E-05	1.93E-05	2.14E-06	7.38E-06	Acceptable Chronic Hazard Quotient: less than 1.0 1.06E-02
Cancer Risk _{inh:} ⁽¹⁾ - Recreational			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Cancer Risk _{inh:} ⁽¹⁾ - School			0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	
Equations used in calculating Cancer Risk:			Acceptable Risk: 10 in a million (1.00E-05) (ten in a million, SCAQMD and CARB)						Equation used in calculating Chronic Hazard Quotient:
Cancer Risk _{inh} = Dose _{air} * CPF * ASF * ED/AT * FAH									Hazard Quotient= C _{air} /REL _{DPM}
Dose _{air} = C _{air} * {BR/BW} * A * EF * 10 ⁻⁶									The hazard quotient is for the maximally exposed individual: assumed 16 to 70 year resident.
Definition of terms									Reference Source
CPF	Inhalation Cancer Potency Factor	mg/kg-day	1.1	1.1	1.1	1.1	1.1	1.1	CPF=Inhalation cancer potency factor for diesel particulate matter. OEHHA 2015 page 178
C _{air}	600 meters from source area: Concentration in air (from AERMOD model results, receptor analysis)	µg/m ³ (Residential)	0.05324	0.05324	0.05324	0.05324	0.05324	0.05324	Using Annual Average C _{air} from AERMOD output data file for applicable receptor
		µg/m ³ (Recreational)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
		µg/m ³ (School)	0.00000	0.00000	0.00000	0.00000	0.00000	0.00000	
{BR/BW}	Daily Breathing Rate normalized to body weight	L/kg-day (Residential)	361	1090	631	572	261	233	OEHHA 2015, Table 5.6, 95th percentile for 3rd trimester – 2 yrs old; 80th percentile for other age groups Table 5.7
		L/kg-day (Recreational)	0	1200	640	520	240	230	OEHHA 2015, Table 5.8 (95th, moderate) for all age bins but 3rd trimester; assume no 3rd trimester receptors
		L/kg-day (School)	0	1200	640	520	240	230	Same as recreational
A	Inhalation absorption factor	unitless	1	1	1	1	1	1	Constant
EF	Exposure Frequency, (Fraction of time exposed)	days/365 days (Residential)	0.96	0.96	0.96	0.96	0.96	0.96	OEHHA 2015, page 5-24, 350 days/year
		days/365 days (Recreational)	0.08	0.08	0.08	0.08	0.08	0.08	Yearly, based on estimated 350 day/yr, 2 hrs/day exposure
		days/365 days (School)	0.12	0.12	0.12	0.12	0.12	0.12	Based on 180 days/yr, 6 hrs/day
ED	Exposure duration for a specified age	years (Residential - 70 years)	0.25	2		14		54	Equation 8.2.4 A, OEHHA 2015
		years (Residential - 30 years)	0.25	2		14	14	0	Equation 8.2.4 A, OEHHA 2015
		years (Residential - 9 years)	0.25	2	7				Equation 8.2.4 A, OEHHA 2015
		years (Recreational)		2	7	2	6		Equation 8.2.4 A, OEHHA 2015
		years (School - 9 years))		0	7	7			OEHHA revised Risk Assessment Guidelines - enhanced protection of children
AT	Averaging time for lifetime cancer risk	years	70.00	70.00	70.00	70.00	70.00	70.00	Exposure years for lifetime cancer risk (years), always 70.
FAH	Fraction of time spent at home	unitless	1.00	1.00	1.00	1.00	0.73	0.73	Table I.4, OEHHA 2015 Guidance Appendix (for residential, and each scenarion has schools present)
ASF	Age sensitivity Factor	unitless	10	10	3	3	1	1	OEHHA 2015, Table 8.3
WAF	Worker Adjustment Factor	unitless					1	1	Source is constant; WAF of 1 assumed per OEHHA 2015 page 5-31
1.00E-06	Conversion Factor	unitless	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.00E-06	1.00E-06	Micrograms to milligrams and liters to cubic meters conversion factor
REL _{DPM}	Chronic Reference Exposure Level (DPM REL)	µg/m ³	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	5.00E+00	OEHHA 2015
NOTES:									
(1) (Estimated Inhalation Cancer Risk from Construction Phase)									

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