



Exposition Metro Line Construction Authority

Exposition Corridor Transit Project Phase 2

Final Environmental Impact Report

Technical Background Report

FINAL

Air Quality

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Prepared for:

Exposition Metro Line Construction Authority

By:



ERRATA

The Exposition Metro Line Construction Authority (Expo Authority) has determined that the bike path and Second Street Santa Monica Terminus are no longer under consideration as part of the Expo Phase 2 Light-Rail Transit project. This Technical Background Report was drafted prior to the final definition of the LRT Alternatives that was presented in the Draft Environmental Impact Report (DEIR). Accordingly, discussion of the bike path and Second Street Santa Monica Terminus still remain in this report but no longer apply and should be disregarded.



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1. INTRODUCTION

1.1 Overview

This report considers the air quality implications of improved transit service of the Exposition Corridor Transit Project Phase 2, which is located in west Los Angeles County from the city of Culver City to the city of Santa Monica. Los Angeles County is part of the four-county South Coast Air Basin. While overall air quality in the Air Basin is generally good, the area does not achieve federal and state standard for certain pollutants. This report describes the existing air quality conditions in the Air Basin and in the project corridor, as well as the various plans and regulations that are intended to attain federal and state air quality standards. Enhanced transit service typically offers regional air quality benefits by diverting automobiles off the roads. However, the use of diesel fuels to operate some of the project's transit alternatives and the increase in local congestion around station areas result in elevated air emissions. This report quantifies the pollutant emission changes associated with the project alternatives and compares them to thresholds so that the magnitude and significance of the impacts can be evaluated.

1.2 Project Summary

The proposed Exposition Corridor Transit Project Phase 2 (referred to as either the Expo Phase 2 project or proposed project) would involve the implementation of new or upgraded corridor transit solutions within a western portion of Los Angeles County in the cities of Los Angeles, Culver City, and Santa Monica. Six alternatives are analyzed. The alternatives include the No-Build Alternative, Transportation Systems Management (TSM) Alternative, and four Light-Rail Transit (LRT) Alternatives. A brief description of these alternatives is provided below.

1.2.1 No-Build Alternative

The No-Build Alternative includes only Metro service features that currently exist or have been explicitly committed for project buildout in the year 2030. As such, the No-Build Alternative includes existing fixed guideway Metro Rail and Metro Liner bus rapid transit (BRT) systems currently under operation, the full implementation of the Metro Rapid Bus program, represented as twenty-eight routes across Los Angeles County, and planned peak-only rapid bus lanes along Wilshire Boulevard between Western Avenue and Bundy Drive. The rest of the bus network is based on June 2007 service patterns for Metro, Los Angeles Department of Transportation (LADOT), Culver City, and Santa Monica Big Blue Bus, as well as committed enhancements to those services anticipated by 2030. Based on direction from Metro, their bus fleet will be assumed to include a mix of articulated and higher-capacity 45-foot buses in 2030.

1.2.2 Transportation Systems Management (TSM) Alternative

The TSM Alternative seeks to address the corridor transit needs without major capital investments and includes the improvements outlined in the No-Build Alternative plus three additional components. These three components include (1) addition of a rapid bus route connecting downtown Culver City with downtown Santa Monica; (2) associated service improvements on selected north/south routes to feed stations along the new rapid bus route;



and (3) service improvements on selected routes, connecting Westside communities to the Phase 1 Terminus.

1.2.3 Light-Rail Transit (LRT) Alternatives

LRT is defined as a metropolitan electric railway system characterized by its ability to operate single cars or short trains along exclusive rights-of-way at ground level, on aerial structures, in subways, or, occasionally, in streets, and to board and discharge passengers at track or car-floor level. Light-rail vehicles are driven electrically with power drawn from an overhead electric line. LRT provides a cleaner, more energy-efficient form of transportation than automobiles and is quieter than conventional rail systems.

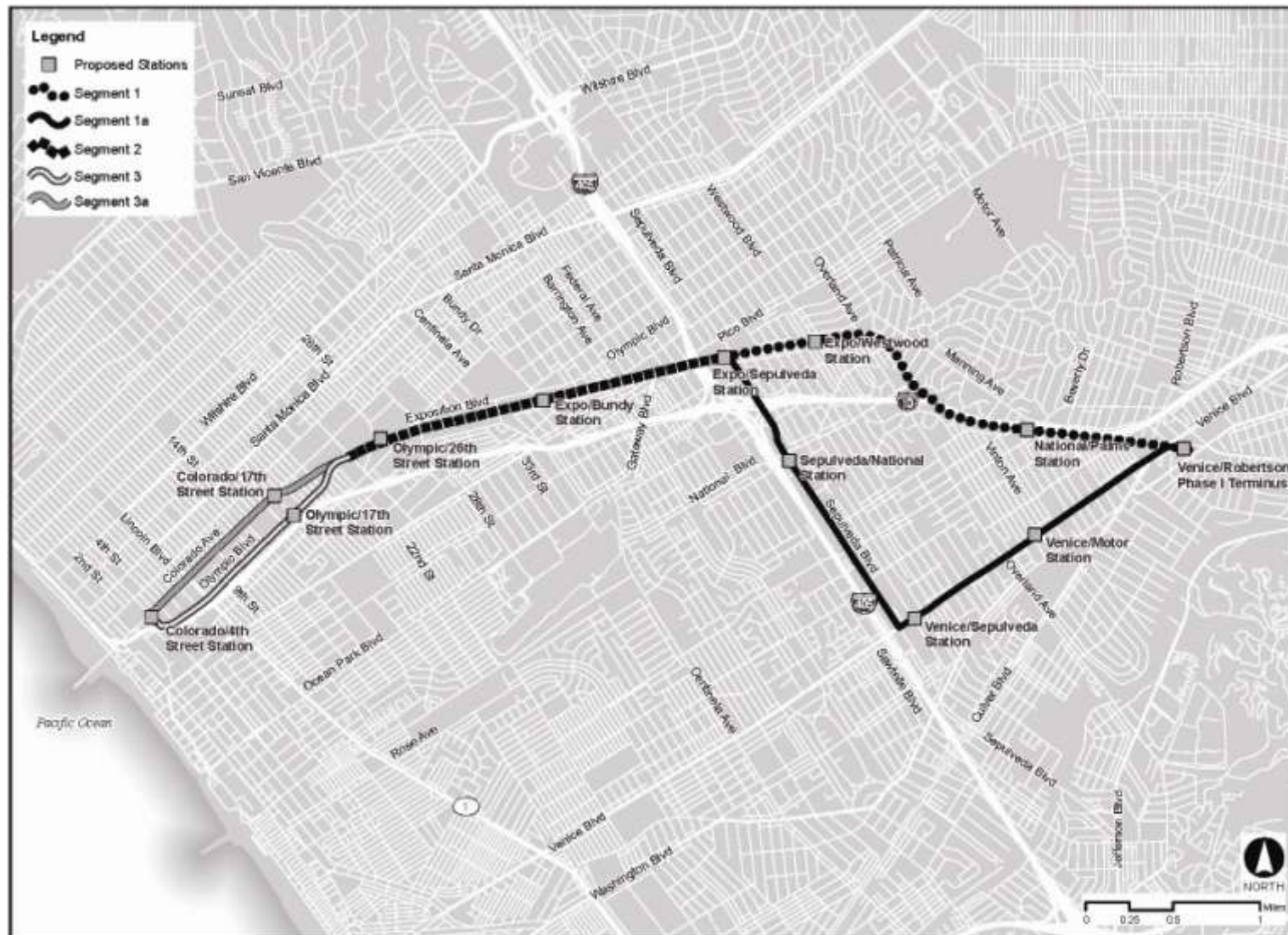
The LRT alignment would extend rail from the current Phase 1 terminus station at Venice/Robertson to a terminus station in Santa Monica at 4th Street and Colorado Avenue. The LRT Alternatives are as follows:

- LRT 1 (Expo ROW–Olympic Alternative) would utilize approximately 5 miles of the existing Expo ROW from the Expo Phase 1 terminus until reaching the intersection with Olympic Boulevard in Santa Monica. From that point, the alignment would follow Olympic Boulevard to the proposed terminus station.
- LRT 2 (Expo ROW–Colorado Alternative) would also utilize the existing Expo ROW from the Expo Phase 1 terminus until reaching the intersection with Olympic Boulevard in Santa Monica. From that point, the alignment would continue within the Expo ROW to west of 19th Street, then diverge from the Expo ROW and enter onto Colorado Avenue east of 17th Street and follow the center of Colorado Avenue to the proposed terminus.
- LRT 3 (Venice/Sepulveda–Olympic Alternative) would divert from the Expo ROW at the Expo Phase 1 terminus and follow Venice Boulevard and Sepulveda Boulevard until reaching the intersection with the Expo ROW. The alignment would then continue westward along the Expo ROW and Olympic Boulevard identical to the LRT 1 Expo ROW–Olympic Alternative.
- LRT 4 (Venice/Sepulveda–Colorado Alternative) would divert from the Expo ROW at the Expo Phase 1 terminus and follow Venice Boulevard and Sepulveda Boulevard until reaching the intersection with the Expo ROW. The alignment would then continue westward along the Expo ROW and Colorado Avenue identical to the LRT 2 Expo ROW–Colorado Alternative.

Geographic Segments

The proposed project traverses several jurisdictions, including the cities of Los Angeles, Culver City, and Santa Monica, and spans distinct communities within each jurisdiction. In order to account for these differences, the proposed project is described and examined at two different scales, from broad to specific—Westside of Los Angeles County and geographic segments with special consideration of proposed station areas—to identify potential impacts.

For purposes of this discussion, the LRT Alternatives have been divided into geographic segments for ease of analysis (Figure 1-1 [Project Location]). For the area between the Phase 1 terminus and the Exposition/Sepulveda intersection, there are two alternative alignments: Segment 1 (Expo ROW) and Segment 1a (Venice/Sepulveda). Segment 2 (Sepulveda to Cloverfield) is common to all LRT Alternatives. For the area between the Cloverfield/Olympic



Source: PBS&J, ESRI 2009

Figure 1-1 Project Location



intersection and a terminus in Santa Monica, there are also two alternative alignments: Segment 3 (Olympic) and Segment 3a (Colorado). Thus, the segments are as follows:

- Segment 1: Follows the Expo ROW from the Expo Phase 1 terminus station in Culver City to the Expo ROW/Sepulveda Boulevard intersection, approximately 2.8 miles in length
- Segment 1a: Follows westerly in the median of Venice Boulevard from the Expo Phase 1 terminus station in Culver City to the Venice Boulevard/Sepulveda Boulevard intersection, then follows northerly in the center of Sepulveda Boulevard to the Expo ROW/Sepulveda Boulevard intersection, approximately 3.7 miles in length
- Segment 2: Follows the Expo ROW from the Expo ROW/Sepulveda Boulevard intersection to the Expo ROW/Olympic Boulevard intersection, approximately 2.3 miles in length
- Segment 3: Follows the median of Olympic Boulevard from the Expo ROW/Olympic Boulevard intersection to the Phase 2 terminus option at 4th Street and Colorado Avenue in Santa Monica, approximately 1.5 miles in length
- Segment 3a: Follows the Expo ROW from the Expo ROW/Olympic Boulevard intersection to west of 19th Street in Santa Monica. The alignment then diverges onto Colorado Avenue east of 17th Street and continues along the center of Colorado Avenue terminating between 4th Street and 5th Street, approximately 1.5 miles in length.

In response to comments received on the DEIR and after further analysis and coordination with various stakeholders, five design options have been added in the FEIR for the LRT Alternatives:

- Sepulveda Grade Separation Design Option
- Expo/Westwood Station No Parking Design Option
- Maintenance Facility Buffer Design Option
- Colorado Parking Retention Design Option
- Colorado/4th Parallel Platform and South Side Parking Design Option

Stations

Table 1-1 (Station Locations) provides a description of each station within the various segments, including the approximate location, the type of proposed station (i.e., at grade or aerial), and the amount of parking to be provided.

Table 1-1 Station Locations

Name	Location	LRT: EXPO ROW Alignment	LRT: Venice/ Sepulveda Alignment	Parking
Segment 1: Expo ROW				
National/Palms	Expo ROW just west of the aerial structure over National Boulevard/Palms Boulevard	On Embankment	N/A	0



Table 1-1 Station Locations

Name	Location	LRT: EXPO ROW Alignment	LRT: Venice/ Sepulveda Alignment	Parking
Expo/Westwood	~~Within Expo ROW, East of Westwood Boulevard on Exposition Boulevard~~	At grade	N/A	170
Segment 1a: Venice/Sepulveda				
Venice/Motor	Venice Boulevard, east of Motor Avenue	N/A	At grade	0
Venice/Sepulveda	On Venice Boulevard, east of Sepulveda Boulevard	N/A	Aerial	0
Sepulveda/National	South of National Boulevard above the center of Sepulveda Boulevard	N/A	Aerial	250
Segment 2: Sepulveda to Cloverfield				
Expo/Sepulveda	West of Sepulveda Boulevard and Exposition Boulevard	At grade (aerial design option)	At grade (aerial design option)	~~270~~ 260
Expo/Bundy	Bundy Drive and Exposition Boulevard	Aerial	Aerial	250
Olympic/26 th Street	East of 26 th Street on Olympic	At grade	At grade	0
Segment 3: Olympic				
Olympic/17 th Street	East and west side of 17 th Street within the median of Olympic Boulevard	At grade	At grade	0
Colorado/4 th	~~4th Street, east of Colorado Avenue~~ On the existing commercial block bounded by 4 th Street, 5 th Street, and Colorado Avenue	Aerial	Aerial	~~250~~ 0
Segment 3a: Colorado				
Colorado/17 th Street	Center of Colorado Avenue west of 17 th Street	At grade	At grade	70
Colorado/4 th	~~Center of Colorado Avenue between 2nd Street and 4th Street or on~~ On the existing commercial block bounded by 4 th Street, 5 th Street, and Colorado Avenue	At grade	At grade	~~225~~ 0

SOURCE: DMJM Harris, 2008, [updated 2009](#).

Maintenance Facilities

A Maintenance Facility is proposed to be constructed as a part of the Expo Phase 2 project. The Maintenance Facility site would be located on a parcel or parcels within the City of Santa Monica immediately south of the Expo ROW, north of Exposition Boulevard, and east of Stewart

Street. The site is currently occupied by a surface parking lot and light-industrial facility. The maintenance facility is to be designed and built to meet the maintenance needs of the LRT vehicles required to operate Phase 2 through the year 2030. It could operate 24 hours a day in three shifts. The maintenance facility would consist of outdoor storage for ~~20 to 36~~ approximately 43 to 45 LRT vehicles and associated storage track; trackway to connect to the main line and allow the movement of LRT vehicles from the main line track to and within the maintenance facility area; main yard shop building with office and vehicle repair areas; vehicle wash facility; traction power substation; and parking for ~~65 to 70~~ employees. The main yard shop structure would be approximately ~~300-350~~ feet long and ~~166-189~~ feet wide, two stories in height, and with a total area of approximately 125,000 square feet. The structure would be built of concrete block or corrugated metal or a combination thereof.

Since the release of the DEIR and in response to comments, the Expo Authority has worked with the City of Santa Monica, Metro, and the community to identify alternative layouts for the Maintenance Facility. As a result of these collaborative efforts, a Maintenance Facility Buffer Design Option has been developed for evaluation in the FEIR. This design option would occupy only a portion of the Verizon site, with an extension of the facility into the existing Santa Monica College parking lot to the west. Utilization of the adjacent parking lot on the west side of the Verizon site would create an approximate 100- to 110-foot buffer between the Maintenance Facility and the residential area on the south side of Exposition Boulevard. The Maintenance Facility Buffer Design Option would include much of the same facilities as the original Maintenance Facility concept.

2. AFFECTED ENVIRONMENT

2.1 Climate and Meteorology

The proposed project is located within the South Coast Air Basin (Basin), so named because the geographical formation of the region is that of a basin, with the surrounding mountains trapping the air and its pollutants in the valleys below. This area includes portions of Los Angeles, Riverside and San Bernardino counties and all of Orange County. The regional climate within the Basin is considered semi-arid and is characterized by warm summers, mild winters, infrequent seasonal rainfall, moderate daytime onshore breezes, and moderate humidity. The air quality within the Basin is influenced by a wide range of emissions sources, such as dense population centers, heavy vehicular traffic, and industry, and meteorology.

The annual average temperature varies little throughout the Basin, ranging from the low to middle 60s, measured in degrees Fahrenheit (°F). Coastal areas have a more pronounced oceanic influence, and show less variability in annual minimum and maximum temperatures than inland areas. The Expo Phase 2 project would be located in the western portion of the Basin, and would encompass three cities—the cities of Culver City, Los Angeles, and Santa Monica. The climatological station closest to the LRT Alternatives that monitors temperature and precipitation is the Santa Monica station (WRCC 2008). The annual average temperature at this station is 66.8°F, and the annual average minimum is 55.6°F. January and December are typically the coldest months in this area of the Basin.

Although the climate of the Basin can be characterized as semi-arid, the air near the land surface is quite moist on most days because of the presence of a marine layer. This shallow

layer of sea air is an important modifier of Basin climate. Humidity restricts visibility in the Basin. The annual average relative humidity is 71 percent along the coast and 59 percent inland. Because the ocean effect is dominant, periods of heavy early morning fog are frequent and low stratus clouds are a characteristic feature. These effects decrease with distance from the coast.

The majority of annual rainfall in the Basin occurs between November and April. Summer rainfall is minimal and generally limited to scattered thundershowers in coastal regions and slightly heavier showers in the eastern portion of the Basin, along the coastal side of the mountains. Average rainfall measured at the Santa Monica climatological station for the last 59 years varied from 2.99 inches in February to 0.02 inch or less between May and October, with an average annual total of approximately 12.73 inches. The influence of rainfall on the contaminant levels in the Basin is minimal (WRCC 2008).

The Basin experiences a persistent temperature inversion, which is characterized by increasing temperature with increasing altitude. This inversion limits the vertical dispersion of air contaminants, holding them relatively near the ground. As the sun warms the ground and the lower air layer, the temperature of the lower air layer approaches the temperature of the base of the inversion (upper) layer until the inversion layer finally breaks, allowing vertical mixing with the lower layer. The mixing height for this inversion structure is normally situated 1,000 to 1,500 feet above mean sea level.

The vertical dispersion of air contaminants in the Basin is also affected by wind conditions. The combination of stagnant wind conditions and low inversions produces the greatest pollutant concentrations. On days of no inversion or high wind speeds, ambient air pollutant concentrations are the lowest. During periods of low inversions and low wind speeds, air pollutants generated in developed areas in the Basin are transported predominantly on-shore into Riverside and San Bernardino Counties. The Santa Ana winds, which are strong and dry north or northeasterly winds that occur during the fall and winter months, also disperse air contaminants in the Basin. The Santa Ana conditions tend to last for several days at a time.

Winds in the vicinity of the LRT Alternatives blow predominantly from the west-southwest, with relatively low velocities. Wind speeds in the proposed project site average about 8 knots. Summer wind speeds are, on average, slightly higher than winter wind speeds (WRCC 2008).

2.2 Ambient Air Quality

Air pollutant emissions within the Basin are generated by stationary and mobile sources. Stationary sources can be divided into two major subcategories: point and area sources. Point sources are usually subject to a permit to operate from the South Coast Air Quality Management District (SCAQMD), occur at specific identified locations, and are usually associated with manufacturing and industry. Examples of point sources are boilers or combustion equipment that produce electricity or generate heat, such as heating, ventilation, and air conditioning (HVAC) units. In contrast, area sources are widely distributed, produce many small emissions, and they do not require permits to operate from the SCAQMD. Examples of area sources include residential and commercial water heaters, painting operations, portable generators, lawn mowers, agricultural fields, landfills, and consumer products, such as barbeque lighter fluid and hairspray, the area-wide use of which contributes to regional air pollution. Mobile sources refer to emissions from motor vehicles, including tailpipe and evaporative emissions, and are classified as either on-road or off-road. On-road sources are

those that are legally operated on roadways and highways. Off-road sources include aircraft, ships, trains, racecars, and construction vehicles.

Mobile sources account for the majority of the air pollutant emissions within the Basin. However, air pollutants can also be generated by the natural environment, such as when fine dust particles are pulled off the ground surface and suspended in the air during high winds.

Both the federal and state governments have established ambient air quality standards for outdoor concentrations of specific pollutants, referred to as “criteria pollutants,” in order to protect public health. The federal and state ambient air quality standards have been set at concentration levels to protect the most sensitive persons from illness or discomfort with a margin of safety. It is the responsibility of the SCAQMD to bring air quality within the Basin into attainment with the federal and state ambient air quality standards, which are identified later in this *Air Quality Technical Background Report*.

The criteria pollutants for which federal and state standards have been promulgated — and that are most relevant to air quality planning and regulation in the Basin — are ozone, carbon monoxide, fine suspended particulate matter, nitrogen dioxide, sulfur dioxide, and lead. Toxic air contaminants are also of concern in the Basin. Each of these pollutants is briefly described below.

- *Ozone (O_3)* is a highly reactive and unstable gas that is formed when volatile organic compounds (VOCs) and nitrogen oxides (NO_x), both byproducts of internal combustion engine exhaust, undergo slow photochemical reactions in the presence of sunlight. Ozone concentrations are generally highest during the summer months when direct sunlight, light wind, and warm temperature conditions are favorable to the formation of this pollutant.
- *Carbon Monoxide (CO)* is a colorless, odorless gas produced by the incomplete combustion of carbon-containing fuels, such as gasoline or wood. CO concentrations tend to be the highest during the winter morning, when little to no wind and surface-based inversions trap the pollutant at ground levels. Because CO is emitted directly from internal combustion engines, unlike ozone, motor vehicles operating at slow speeds are the primary source of CO in the Basin. The highest ambient CO concentrations are generally found near congested transportation corridors and intersections.
- *Respirable Particulate Matter (PM_{10})* and *Fine Particulate Matter ($PM_{2.5}$)* consist of extremely small, suspended particles or droplets 10 microns and 2.5 microns or smaller in diameter, respectively. Some sources of particulate matter, like pollen and windstorms, are naturally occurring. However, in populated areas, most particulate matter is caused by road dust, diesel soot, combustion products, abrasion of tires and brakes, and construction activities.
- *Nitrogen dioxide (NO_2)* is a nitrogen oxide compound that is produced by the combustion of fossil fuels, such as in internal combustion engines (both gasoline and diesel powered), as well as point sources, especially power plants. Of the seven types of nitrogen oxide compounds, NO_2 is the most abundant in the atmosphere. As ambient concentrations of NO_2 are related to traffic density, commuters in heavy traffic may be exposed to higher concentrations of NO_2 than those indicated by regional monitors.
- *Sulfur dioxide (SO_2)* is a colorless, extremely irritating gas or liquid. It enters the atmosphere as a pollutant mainly as a result of burning high sulfur-content fuel oils and

coal and from chemical processes occurring at chemical plants and refineries. When SO_2 oxidizes in the atmosphere, it forms sulfates (SO_4). Collectively, these pollutants are referred to as sulfur oxides (SO_x).

- *Lead (Pb)* occurs in the atmosphere as particulate matter. The combustion of leaded gasoline is the primary source of airborne Pb in the Basin. The use of leaded gasoline is no longer permitted for on road motor vehicles, so the majority of such combustion emissions are associated with off-road vehicles such as race cars. However, because it was emitted in large amounts from vehicles when leaded gasoline was used for on-road motor vehicles, Pb is present in many soils and can get re-suspended in the air. Other sources of Pb include the manufacturing and recycling of batteries, paint, ink, ceramics, ammunition, and the use of secondary Pb smelters.
- *Toxic Air Contaminants (TAC)* refer to a diverse group of air pollutants that are capable of causing chronic (i.e., of long duration) and acute (i.e., severe but of short duration) adverse effects on human health. They include both organic and inorganic chemical substances that may be emitted from a variety of common sources including gasoline stations, motor vehicles, dry cleaners, industrial operations, painting operations, and research and teaching facilities. TACs are different than “criteria” pollutants in that ambient air quality standards have not been established for them, largely because there are hundreds of air toxics and their effects on health tend to be felt on a local scale rather than on a regional basis.

State standards have been developed for other criteria air pollutants, including SO_4 , hydrogen sulfide, and visibility-reducing particles. The state also recognizes vinyl chloride as a TAC, but with an undetermined threshold level of exposure for adverse health effects. Vinyl chloride and hydrogen sulfide emissions are generally generated from mining, milling, refining, smelting, landfills, sewer plants, cement manufacturing, or the manufacturing or decomposition of organic matter. The state standards for sulfate and visibility reducing particles are not exceeded anywhere in the Basin. Lead is typically only emitted during demolition of structures expected to include lead-based paint and materials. However, developers are required to follow federal and state regulations that govern the renovation and demolition of structures where materials containing lead are present.

2.2.1 Existing Regional Air Quality

Measurements of ambient concentrations of the criteria pollutants are used by the United States Environmental Protection Agency (U.S. EPA) and the California Air Resources Board (ARB) to assess and classify the air quality of each air basin, county, or, in some cases, a specific developed area. The classification is determined by comparing actual monitoring data with federal and state standards. If a pollutant concentration in an area is lower than the standard, the area is classified as being in “attainment.” If the pollutant exceeds the standard, the area is classified as a “nonattainment” area. If there are not enough data available to determine whether the standard is exceeded in an area, the area is designated “unclassified.”

The entire Basin is designated as a federal-level extreme nonattainment area for ozone, meaning that federal ambient air quality standards are not expected to be met for more than 17 years, and as a serious nonattainment area for CO and PM_{10} . The area is also a federal-level nonattainment area for NO_x and $\text{PM}_{2.5}$, as designated by the U.S. EPA. The Basin is a state-level extreme nonattainment area for ozone, and is a state-level nonattainment area for $\text{PM}_{2.5}$.

and PM₁₀. It is in attainment for the state CO standard, and it is in attainment for both the federal and state ambient air quality standards for SO₂, Pb, and NO₂, which is a pure form of NO_x (ARB 2006).

The SCAQMD divides the Basin into thirty-eight source receptor areas (SRAs) in which thirty-two monitoring stations operate to monitor the various concentrations of air pollutants in the region. The proposed alignments are located within SRA 2, which covers the Northwest Los Angeles County Coastal region. The ARB also collects ambient air quality data through a network of air monitoring stations throughout the state. These data are summarized annually and are published in the ARB's California Air Quality Data Summaries. The West Los Angeles–VA Hospital monitoring station is the nearest monitoring station to the LRT Alternatives. This station currently monitors emission levels of ozone, CO, and NO₂, but does not monitor the pollutant levels of PM₁₀, PM_{2.5}, and SO₂. The air quality monitoring station with complete air quality data that is closest to the project site is the Los Angeles–North Main Street station. Data from both stations are used in this analysis.

Table 2-1 (Summary of Ambient Air Quality in the Proposed Project Vicinity) identifies the federal and state ambient air quality standards for the relevant air pollutants, along with the ambient pollutant concentrations that were measured at the two relevant air quality monitoring stations closest to the proposed project site between 2004⁶ and 2006⁸. [Table 2-1 \(Summary of Ambient Air Quality in the Proposed Project Vicinity\) was updated in the FEIR to reflect the latest available information.](#) As not all criteria air pollutants are monitored at a single station, the ozone, NO₂, and CO levels were taken from the West Los Angeles–VA Hospital station, while the PM₁₀, PM_{2.5}, and SO₂ levels were taken from the Los Angeles–North Main Street station.

Table 2-1 — Summary of Ambient Air Quality in the Proposed Project Vicinity

Air Pollutants Monitored Within SRA 2—Northwest Los Angeles County Coastal region	Year		
	2004	2005	2006
Ozone (O₃)^a			
Maximum 1-hour concentration measured	0.107 ppm ^e	0.114 ppm	0.099 ppm
Number of days exceeding federal 0.12 ppm 1-hour standard	0	0	0
Number of days exceeding state 0.09 ppm 1-hour standard	5	7	3
Maximum 8-hour concentration measured	0.089 ppm	0.090 ppm	0.074 ppm
Number of days exceeding federal 0.08 ppm 8-hour standard	1	1	0
Number of days exceeding state 0.07 ppm 8-hour standard	6	5	0
Nitrogen Dioxide (NO₂)^a			
Maximum 1-hour concentration measured	0.086 ppm	0.075 ppm	0.078 ppm
Number of days exceeding state 0.25 ppm 1-hour standard	0	0	0
Annual average	0.020 ppm	0.017 ppm	0.017 ppm
Does measured annual average exceed federal 0.0534 ppm annual average standard?	No	No	No
Carbon Monoxide (CO)^a			
Maximum 1-hour concentration measured	4 ppm	3 ppm	3 ppm
Number of days exceeding national 35.0 ppm 1-hour standard	0	0	0
Number of days exceeding state 20.0 ppm 1-hour standard	0	0	0

Table 2-1 Summary of Ambient Air Quality in the Proposed Project Vicinity

Air Pollutants Monitored Within SRA 2—Northwest Los Angeles County Coastal region	Year		
	2004	2005	2006
Maximum 8-hour concentration measured	2.33 ppm	2.11 ppm	2.00 ppm
Number of days exceeding federal 9.0 ppm 8-hour standard	0	0	0
Number of days exceeding state 9.0 ppm 8-hour standard	0	0	0
Respirable Particulate Matter (PM₁₀)^b			
Maximum 24-hour concentration measured	72.0 µg/m ³ - ^d	70.0 µg/m ³	59.0 µg/m ³
Number of days exceeding federal 150 µg/m ³ 24-hour standard	0	0	0
Number of days exceeding state 50 µg/m ³ 24-hour standard	5	3	3
Fine Particulate Matter (PM_{2.5})^b			
Maximum 24-hour concentration measured	60.3 µg/m ³ - ^c	73.7 µg/m ³	45.7 µg/m ³
Number of days exceeding federal 65.0 µg/m ³ 24-hour standard ^e	0	2	0
Sulfur Dioxide (SO₂)^b			
Maximum 24-hour concentration measured	0.015 ppm	0.010 ppm	0.006 ppm
Number of days exceeding federal 0.14 ppm 24-hour standard	0	0	0
Number of days exceeding state 0.04 ppm 24-hour standard	0	0	0

SOURCE: ARB, 2008.

a. Data is taken from the West Los Angeles—VA Hospital monitoring station.

b. Data is taken from the Los Angeles—North Main Street monitoring station.

c. ppm = parts per million by volume of air.

d. µg/m³ = micrograms per cubic meter.

e. Federal PM_{2.5} 24-hour standard was changed to 35 µg/m³ in 2006.

Table 2-1 Summary of Ambient Air Quality in the Proposed Project Vicinity

<u>Pollutant/Standard</u>	<u>Number of Days Threshold Were Exceeded and Maximum Levels During Such Violations</u>					
	<u>2006</u>		<u>2007</u>		<u>2008</u>	
<u>Ozone</u>						
<u>State 1-Hour > 0.09 ppm</u>	<u>3</u>	<u>days</u>	<u>2</u>	<u>days</u>	<u>3</u>	<u>days</u>
<u>Federal 1-Hour > 0.12 ppm</u>	<u>0</u>	<u>days</u>	<u>0</u>	<u>days</u>	<u>0</u>	<u>days</u>
<u>Federal 8-Hour > 0.08 ppm</u>	<u>0</u>	<u>days</u>	<u>2</u>	<u>days</u>	<u>2</u>	<u>days</u>
<u>Max. 1-Hour Conc. (ppm)</u>	<u>0.099</u>	<u>ppm</u>	<u>0.117</u>	<u>ppm</u>	<u>0.111</u>	<u>ppm</u>
<u>Max. 8-Hour Conc. (ppm)</u>	<u>0.074</u>	<u>ppm</u>	<u>0.088</u>	<u>ppm</u>	<u>0.097</u>	<u>ppm</u>
<u>Carbon Monoxide</u>						
<u>State 8-Hour > 9.0 ppm</u>	<u>0</u>	<u>days</u>	<u>0</u>	<u>days</u>	<u>0</u>	<u>days</u>
<u>Federal 8-Hour > 9.5 ppm</u>	<u>0</u>	<u>days</u>	<u>0</u>	<u>days</u>	<u>0</u>	<u>days</u>
<u>Max 1-Hour Conc. (ppm)</u>	<u>3</u>	<u>ppm</u>	<u>3</u>	<u>ppm</u>	<u>3</u>	<u>ppm</u>

Table 2-1 Summary of Ambient Air Quality in the Proposed Project Vicinity

<u>Pollutant/Standard</u>	<u>Number of Days Threshold Were Exceeded and Maximum Levels During Such Violations</u>					
	<u>2006</u>		<u>2007</u>		<u>2008</u>	
<u>Max. 8-Hour Conc. (ppm)</u>	<u>2</u>	<u>ppm</u>	<u>1.96</u>	<u>ppm</u>	<u>1.76</u>	<u>ppm</u>
<u>Nitrogen Dioxide</u>						
<u>State 1-Hour > 0.25 ppm</u>	<u>0</u>	<u>days</u>	<u>0</u>	<u>days</u>	<u>0</u>	<u>days</u>
<u>Max. 1-Hour Conc. (ppm)</u>	<u>0.078</u>	<u>ppm</u>	<u>0.082</u>	<u>ppm</u>	<u>0.090</u>	<u>ppm</u>
<u>Max. Annual Conc. (ppm)</u>	<u>0.017</u>	<u>ppm</u>	<u>0.019</u>	<u>ppm</u>	<u>0.018</u>	<u>ppm</u>
<u>Inhalable Particulates (PM₁₀)</u>						
<u>State 24-Hour > 50 µg/m³</u>	<u>3</u>	<u>days</u>	<u>5</u>	<u>days</u>	<u>3</u>	<u>days</u>
<u>Federal 24-Hour > 150 µg/m³</u>	<u>0</u>	<u>days</u>	<u>0</u>	<u>days</u>	<u>0</u>	<u>days</u>
<u>Max. 24-Hour Conc. (µg/m³)</u>	<u>59</u>	<u>µg/m³</u>	<u>78</u>	<u>µg/m³</u>	<u>66</u>	<u>µg/m³</u>
<u>Max. Annual Conc. (µg/m³)</u>	<u>32</u>	<u>µg/m³</u>	<u>33</u>	<u>µg/m³</u>	<u>33</u>	<u>µg/m³</u>
<u>Inhalable Particulates (PM_{2.5})</u>						
<u>Federal 24-Hour > 35 µg/m³</u>	<u>11</u>	<u>days</u>	<u>20</u>	<u>days</u>	<u>4</u>	<u>days</u>
<u>Max. 24-Hour Conc. (µg/m³)</u>	<u>56.2</u>	<u>µg/m³</u>	<u>64.2</u>	<u>µg/m³</u>	<u>43.7</u>	<u>µg/m³</u>
<u>Max. Annual. (µg/m³)</u>	<u>15.6</u>	<u>µg/m³</u>	<u>16.8</u>	<u>µg/m³</u>	<u>*</u>	<u>µg/m³</u>

Source: California Air Resources Board, <http://www.arb.ca.gov/adam/cgi-bin/db2www/adamtop4b.d2w/start> (accessed August 20, 2009); South Coast Air Quality Management District, <http://www.aqmd.gov/smog/historicaldata.htm> (accessed August 20, 2009)

Ambient concentrations of Ozone, Carbon Monoxide, and Nitrogen Dioxide were measured at SRA 2. Ambient concentrations of PM₁₀, PM_{2.5}, and SO₂ were measured at SRA 1.

ppm = parts per million; µg/m³ = micrograms per cubic meter

* There was insufficient data available throughout the year to determine the value.

According to the air quality data from the West Los Angeles–VA Hospital monitoring station shown in Table 2-1 (Summary of Ambient Air Quality in the Proposed Project Vicinity), the federal 1 hour ozone standard was not exceeded over the last 3 years within SRA 2, while the state 1 hour ozone standard was exceeded a total of ~~153~~ days over the last 3 years. ~~The federal 8-hour ozone standard was exceeded a total of 2 days over the last three years, while the~~ The state 8-hour ozone standard was exceeded a total of ~~112~~ days over the last three years. The federal 24-hour PM₁₀ standard was not exceeded on any days over the last 3 years, but the state 24-hour standard for PM₁₀ was exceeded a total of ~~115~~ days over the last 3 years within the region. The federal 24-hour PM_{2.5} standard was exceeded on ~~20~~ days over the last 3 years. No federal or state standards for CO or NO₂ have been exceeded over the last 3 years within SRA 2. According to data from the Los Angeles–North Main Street monitoring station, no federal or state standards for SO₂ have been exceeded during this time.

2.3 Sensitive Receptors

The SCAQMD defines typical sensitive receptors as schools, playgrounds, childcare centers, athletic facilities, hospitals, long-term health care facilities, rehabilitation centers, convalescent

centers, and retirement homes. These are all uses that could be occupied by individuals with a low tolerance for air quality pollutants such that negative health impacts could occur. These individuals include, but are not necessarily limited to, children, seniors, the physically ill, and/or those engaging in active physical activity. Figure 2-1 (Sensitive Receptors within 0.5 Miles of Proposed Alignments) depicts the sensitive land uses found within 0.5 mile of the alignment, from an east-to-west direction along the project corridor that could potentially be affected due to an increase in pollutant levels during the construction and/or operation of the LRT Alternatives.

3. REGULATORY FRAMEWORK

Air quality within the Basin is addressed through the efforts of various federal, state, regional, and local government agencies. These agencies work jointly, as well as individually, to improve air quality through legislation, regulations, planning, policy-making, education, and a variety of programs. The agencies responsible for improving the air quality within the Basin are discussed below.

3.1 Federal

3.1.1 United States Environmental Protection Agency

The U.S. EPA is responsible for setting and enforcing the National Ambient Air Quality Standards for atmospheric pollutants. It regulates emission sources that are under the exclusive authority of the federal government, such as aircraft, ships, and certain locomotives.

As part of its enforcement responsibilities, the EPA requires each state with federal non-attainment areas to prepare and submit a State Implementation Plan (SIP) that demonstrates the means to attain the federal standards. The SIP must integrate federal, State, and local plan components and regulations to identify specific measures to reduce pollution, using a combination of performance standards and market-based programs within the timeframe identified in the SIP. The EPA's Transportation Conformity Rule requires metropolitan planning organizations (e.g., SCAG), the Federal Highway Administration (FHWA), and Federal Transit Administration (FTA) to make conformity determinations on projects before they are approved. Transit projects that are funded or approved by the FTA must be found to conform. Since the proposed project is a non-exempt project under these regulations, it must be demonstrated that it would be consistent with the policies and purpose of the conforming transportation plan.

3.2 State

3.2.1 California Air Resources Board

The ARB, a part of the California EPA, is responsible for the coordination and administration of both federal and state air pollution control programs within California. In this capacity, the ARB conducts research, sets state ambient air quality standards, compiles emission inventories, develops suggested control measures, provides oversight of local programs, and prepares the SIP. The ARB establishes emissions standards for motor vehicles sold in California, consumer products (e.g., hairspray, aerosol paints, and barbecue lighter fluid), and various types of commercial equipment. It also sets fuel specifications to further reduce vehicular emissions.

3.3 Regional

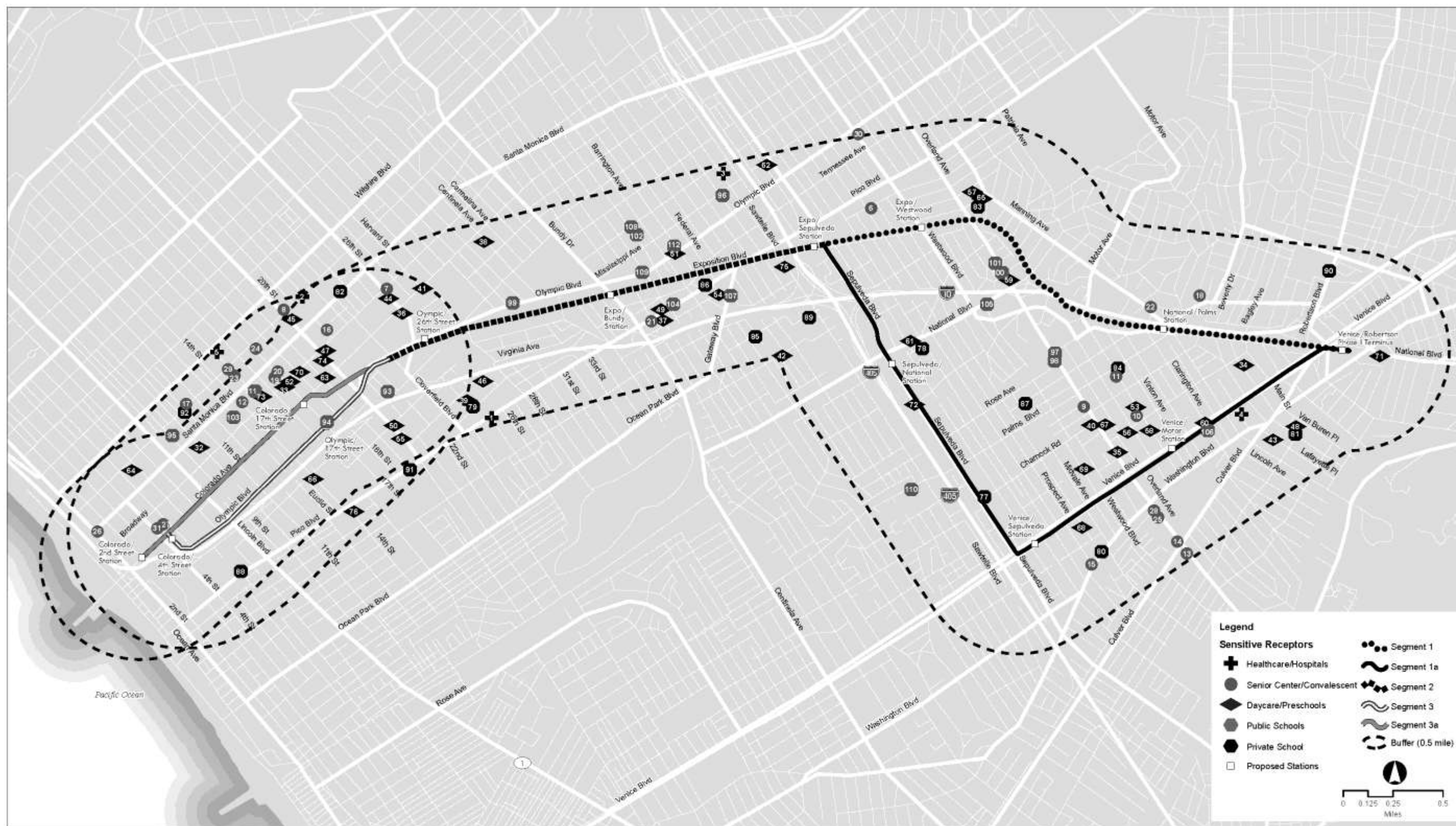
3.3.1 South Coast Air Quality Management District (SCAQMD)

The SCAQMD is the agency principally responsible for comprehensive air pollution control in the Basin. To that end, the SCAQMD, a regional agency, works directly with SCAG, county transportation commissions, and local governments and cooperates actively with all federal and state government agencies. The SCAQMD develops rules and regulations, establishes permitting requirements for stationary sources, inspects emissions sources, and enforces such measures through educational programs or fines, when necessary.

The SCAQMD is directly responsible for reducing emissions from stationary (area and point), mobile, and indirect sources. It has responded to this requirement by preparing a sequence of AQMPs. The most recent of these was adopted by the Governing Board of the SCAQMD on June 1, 2007, to update and revise the previous 2003 AQMP. The 2007 AQMP was prepared to comply with the federal and state Clean Air Acts and amendments, to accommodate growth, to reduce the high pollutant levels in the Basin, to meet federal and State ambient air quality standards, and to minimize the fiscal impact that pollution control measures have on the local economy. The purpose of the 2007 AQMP for the Basin is to set forth a comprehensive program that will lead the area into compliance with all federal and state air quality planning requirements. Compared with the 2003 AQMP, the 2007 AQMP utilizes revised emissions inventory projections that use 2003 as the base year, relies on the ARB on-road motor vehicle emissions model EMFAC2007 and the SCAG 2004 Regional Transportation Plan (RTP) forecast assumptions, updates the attainment demonstration for the federal standards for ozone, replaces the 2003 attainment demonstration for the federal CO standard and provides a basis for a maintenance plan for CO for the future, and updates the maintenance plan for the federal NO₂ standard that the Basin has met since 1992. In terms of working towards ozone attainment, the 2007 AQMP builds upon the 2003 AQMP. In terms of PM₁₀ and PM_{2.5} attainment, the PM₁₀ and PM_{2.5} control strategy in the 2007 AQMP has augmented the 2003 AQMP with a number of additional PM₁₀ and PM_{2.5} control measures.

The 2007 AQMP also addresses several state and federal planning requirements and incorporates significant new scientific data, primarily in the form of updated emissions inventories, ambient measurements, new meteorological episodes, and new air quality modeling tools. Specifically, the 2007 AQMP is designed to satisfy the California Clean Air Act (CCAA) tri-annual update requirements and fulfill the SCAQMD's commitment to update transportation emission budgets based on the latest approved motor vehicle emissions model and planning assumptions.

The 2007 AQMP control measures consist of (1) the District's Stationary and Mobile Source Control Measures; (2) ARB's Proposed State Strategy; (3) District Staff's Proposed Policy Options to Supplement ARB's Control Strategy; and (4) Regional Transportation Strategy and Control Measures provided by SCAG. Overall, there are 31 stationary and 30 mobile source measures that are defined under the 2007 AQMP. These measures primarily rely on the traditional command-and-control approach facilitated by market incentive programs, as well as advanced technologies expected to be implemented in the immediate future. The proposed control measures in the 2007 AQMP are based on implementation of all feasible control measures through the application of available technologies and management practices, as well as advanced technologies and control methods. The basic principles used in designing the



Source: PBS&J, ESRI

Figure 2-1 Sensitive Receptors within 0.5 Miles of the Proposed Alignments



Healthcare/Hospitals	◆ 37, Creative Space	Public Schools
✚ 1, Venice Family Clinic Smo Man Health & Wellness Center	◆ 38, Dreamland Preschool	● 77, Chamock Road Elementary School
✚ 2, Saint Johns Hospital & Health Center	◆ 39, Edison Preschool	● 78, Clover Avenue Elementary School
✚ 3, New Center for Psychoanalysis	◆ 40, Estrella E. Lee Center Head Start	● 79, Edison Elementary School
✚ 4, Brotman Medical Center	◆ 41, Evergreen Community School	● 80, La Balfona Elementary School
✚ 5, UCLA Medical Center and Orthopedic Hospital	◆ 42, Greenhouse Daycare	● 81, Linwood E. Howe Elementary School
Senior Center/Convalescent	◆ 43, Happyland Preschool	● 82, McKinley Elementary School
● 6, Ayres Residential Care	◆ 44, Hill An' Dale Discovery Pre-K Center	● 83, Overland Avenue Elementary
● 7, Berkeley Gardens	◆ 45, Kennedy Child Study Center	● 84, Palms Elementary School
● 8, Berkeley East Convalescent Hospital	◆ 46, Les Enfants	● 85, Richland Ave Elementary School
● 9, Cheviot Hills Golden Manor	◆ 47, Lighthouse Church Preschool	● 86, New West Charter School
● 10, Comfort Keepers	◆ 48, Linwood Howe Child Development Center	● 87, Palms Middle School
● 11, Country Villa, Cheviot Garden	◆ 49, Little Village School	● 88, Santa Monica High School
● 12, Crescent Bay Convalescent Hospital	◆ 50, Los Amigos Head Start	● 89, Webster Middle School
● 13, Culver City Multipurpose Senior Center	◆ 51, Mann Family Early Childhood Center	● 90, Hamilton High School
● 14, Culver City Senior Center	◆ 52, Masonic Head Start	● 91, Santa Monica College
● 15, Culver Village	◆ 53, Mel-o-dee Montessori Center	● 92, Santa Monica College Madison Ave Campus
● 16, Geneva Plaza	◆ 54, Nelson Family Preschool-St. Joan of Arc	Private Schools
● 17, Good Shepherd Convalescent	◆ 55, New Path Montessori	● 93, Crossroads Middle and High School
● 18, Hallmark Cheviot Hills	◆ 56, New World Montessori	● 94, Crossroads Elementary School
● 19, Holiday Villa	◆ 57, Overland Star Camp	● 95, Gan Israel Pre-School
● 20, Holiday Villa East	◆ 58, Palms Area Center Delta Head Start	● 96, Japanese Institute of Satele
● 21, Inglewood Adult Center	◆ 59, Palms Recreation Center	● 97, Le Lycée Français de Los Angeles Elementary School
● 22, Nazareth House	◆ 60, Saint Augustine School Pre-K	● 98, Le Lycée Français de Los Angeles High School
● 23, Oceanview Convalescent Hospital	◆ 61, Saint John's Presbyterian School	● 99, New Roads High School
● 24, Pacific Convalescent Center	◆ 62, Samuel Goldwyn Center	● 100, Notre Dame Academy Elementary School
● 25, Palm Court	◆ 63, Santa Monica Montessori	● 101, Notre Dame Academy High School
● 26, Santa Monica Senior Center	◆ 64, Santa Monica YMCA Child Development Center	● 102, Park Century School
● 27, Silvercrest Senior Citizens	◆ 65, Star-Overland	● 103, PS No 1-Elementary School
● 28, Studio Royale	◆ 66, Step by Step Edu-Play Programs, Inc	● 104, Rosendon School
● 29, Sunrise Assisted Living Center	◆ 67, Success! Educational Center	● 105, Redeemer Baptist School
● 30, Westwood Plays Retirement	◆ 68, Sunshine Daydreams Child Development Center	● 106, Saint Augustine Elementary School
● 31, Wise Senior Center	◆ 69, Sunshine Learning Center & Preschool	● 107, Saint Joan of Art Elementary School
Daycare/Preschools	◆ 70, The First School-Broadway	● 108, The Westview School
◆ 32, 10th Street Preschool	◆ 71, Turning Point	● 109, The Wildwood School
◆ 33, Bright Start Learning Center	◆ 72, University Parents Co-Op	● 110, Windward School
◆ 34, Butterfly Garden Preschool	◆ 73, Waldorf Early Childhood Center	● 111, Westside Waldorf School
◆ 35, California Witz Kids	◆ 74, Wellford R. Carter Christian Education Center	● 112, Wiltshire Boulevard Temple School
◆ 36, Cornerstone CDC (Bright Horizons)	◆ 75, Wonder Years Preschool	
	◆ 76, YWCA of Santa Monica After School Program	

Figure 2-1a Legend

District's control strategy were to (1) meet at least the same overall remaining emissions target of the 2003 SIP; (2) replace long-term measures with more specific near-term measures, where feasible; and (3) develop new short-term control measures and long-term strategies to achieve the needed reductions for attainment demonstration. Principal control measures of the 2007 AQMP focus on adoption of new regulations or enhancement of existing 2003 AQMP regulations for stationary sources and implementation/facilitation of advanced transportation technologies (i.e., zero emission and alternative-fueled vehicles and infrastructure; fuel cell vehicles; heavy-duty electric and hybrid-electric vehicles; and both capital and non-capital transportation improvements). Capital improvements consist of high-occupancy vehicle (HOV) lanes; transit improvements; traffic flow improvements; park-and-ride and intermodal facilities; and freeway, bicycle, and pedestrian facilities. Noncapital improvements consist of rideshare matching and transportation demand management activities derived from the congestion management program.

Programs set forth in the 2007 AQMP require the cooperation of all levels of government: local, regional, state, and federal. Each level is represented in the Plan by the appropriate agency or jurisdiction that has the authority over specific emissions sources. Accordingly, each agency or jurisdiction is associated with specific planning and implementation responsibilities.

3.4 Local

The Expo Authority is not subject to compliance with local land use plans and regulations, including general plans and zoning, when constructing projects within Metro-owned rights-of-way. However, the Expo Authority seeks to cooperate with local jurisdictions to reduce any physical consequences of construction and operation to the extent feasible to do so.

3.4.1 City of Culver City General Plan

Local jurisdictions, such as the City of Culver City, have the authority and responsibility to reduce air pollution through their police power and decision-making authority. Specifically, the City is responsible for the assessment and mitigation, as necessary, of air emissions resulting from its land use decisions. The City of Culver City is also responsible for the implementation of transportation control measures within their jurisdiction as outlined in the 2007 AQMP. Examples of such measures include bus turnouts, energy-efficient streetlights, and synchronized traffic signals. In accordance with CEQA requirements and the CEQA review process, the City assesses the air quality impacts of new development projects, mitigates potentially significant air quality impacts by conditional discretionary permits, and monitors and enforces implementation of such mitigation.

While no goals or policies exist in the City of Culver City General Plan that specifically pertains to air quality, the Circulation Element of the General Plan includes a number of measures to guide development of transportation system within Culver City which would affect air quality.

3.4.2 City of Los Angeles General Plan

Local jurisdictions, such as the City of Los Angeles, have the authority and responsibility to reduce air pollution through their police power and decision-making authority. Specifically, the City is responsible for the assessment and mitigation, as necessary, of air emissions resulting

from its land use decisions. The City of Los Angeles is also responsible for the implementation of transportation control measures within their jurisdiction as outlined in the 2007 AQMP. Examples of such measures include bus turnouts, energy-efficient streetlights, and synchronized traffic signals. In accordance with CEQA requirements and the CEQA review process, the City assesses the air quality impacts of new development projects, mitigates potentially significant air quality impacts by conditional discretionary permits, and monitors and enforces implementation of such mitigation.

The Air Quality Element in the City of Los Angeles General Plan was adopted in 1992. It contains a number of objectives and policies which are designed to reduce air pollution within the City of Los Angeles, most of which are in relation to transportation management and reducing the number of vehicle trips.

3.4.3 City of Santa Monica General Plan

Local jurisdictions, such as the City of Santa Monica, have the authority and responsibility to reduce air pollution through their police power and decision-making authority. Specifically, the City is responsible for the assessment and mitigation, as necessary, of air emissions resulting from its land use decisions. The City of Santa Monica is also responsible for the implementation of transportation control measures within their jurisdiction as outlined in the 2007 AQMP. Examples of such measures include bus turnouts, energy-efficient streetlights, and synchronized traffic signals. In accordance with CEQA requirements and the CEQA review process, the City assesses the air quality impacts of new development projects, mitigates potentially significant air quality impacts by conditional discretionary permits, and monitors and enforces implementation of such mitigation.

Similar to the City of Culver City General Plan, the City of Santa Monica General Plan does not contain goals or policies that specifically pertain to air quality. However, both the Land Use Element and the Circulation Element of the City's General Plan includes a number of measures to guide development of transportation and land use patterns with Santa Monica, which would affect air quality.

4. ENVIRONMENTAL CONSEQUENCES

4.1 Analytic Methodology

The analysis in this section focuses on the nature and magnitude of the change in the air quality environment due to implementation of the proposed project, which would involve the implementation of new or upgraded corridor transit solutions within a western portion of Los Angeles County in the cities of Los Angeles, Culver City, and Santa Monica. Six alternatives are analyzed: the No-Build, TSM, and four LRT Alternatives. The LRT Alternative includes two optional alignments on the east end connecting to the Phase 1 terminus station and two options on the west end connecting to the Santa Monica terminus station at 4th Street and Colorado Avenue, or 2nd Street and Main Street. Air pollutant emissions associated with each alternative would result from construction activities, project operation, and project-related effects on traffic volumes. Air quality impacts are estimated as they would affect the nearest schools, hospitals, convalescent homes, and other sensitive uses. The health of people on these properties may be adversely impacted if air emissions exceed a level deemed significant by federal, state, or local

agencies. The net increase in project site emissions generated by these activities and other secondary sources have been quantitatively estimated and compared to thresholds of significance recommended by the SCAQMD for all alternatives of the proposed project.

4.1.1 Construction Emissions

Construction emissions are analyzed according to the thresholds established by the SCAQMD utilizing the URBEMIS 2007 computer model developed for ARB. The model uses the ARB's EMFAC2007 model for on-road vehicle emissions and the OFFROAD2007 model for off-road vehicle emissions. Construction emissions are calculated from the activities and equipment that would be used to grade, excavate, transport soil on and off site, and prepare the project site, and to construct each of the proposed LRT Alternatives. The construction equipment used for all the LRT Alternatives would emit the ozone precursors VOC and NO_x, and diesel particulate matter (DPM), while construction activities could generate emissions of fugitive dust. [URBEMIS model runs for construction emissions are included as Appendix A.](#)

4.1.2 Operational Emissions

Operational emissions associated with each project alternative were estimated using the URBEMIS 2007 computer model developed for ARB and the County-wide Vehicle Miles Traveled (VMT) information provided in Section 3.2 (Transportation/Traffic) and the traffic study prepared for the proposed project. Operational emissions would come from mobile and area sources. Mobile source emissions are generated by the motor vehicle trips associated with project operation. Area source emissions are generated by natural gas consumption for facility energy use, and from other sources associated with facility maintenance. Emission estimates for the No-Build Alternative were used as a baseline to compare with the Transportation Systems Management Alternative, and the four transit project build alternatives to determine the reduction in passenger vehicle-related emissions that would occur with implementation of the proposed project. [URBEMIS model runs for construction emissions are included as Appendix A.](#)

4.1.3 Localized Pollutant Concentrations ~~for Construction~~

Localized Significance Thresholds (LSTs) were developed and adopted by the SMAQMD in response to the SCAQMD Governing Board's Environmental Justice Enhancement Initiative. LSTs are upper limits on construction-phase pollutant emissions to assure that a project would not cause or contribute to violations of the most stringent applicable federal or state ambient air quality standards; they vary based on location of the project construction site (i.e., the specific SMAQMD-defined source-receptor area in which the site is located), [size of the site](#), and distance of the nearest sensitive receptor to the site. LSTs are defined for CO, NO₂, PM₁₀, and PM_{2.5} emissions and may be applied in CEQA analysis at the discretion of the lead agency. Screening-level analysis of LSTs for construction sites 5 acres or less use LST lookup tables developed by SCAQMD. [Sensitive receptors are located within 25 meters of each of the construction sites modeled, therefore the 25 meter screening-level thresholds were applied to all but the maintenance facility analysis. Emission rates for construction emissions were determined from the URBEMIS2007 version 9.2.4 model. Modeling output and the SCAQMD look up tables are included as Appendix A1.](#)

Any project sites over 5 acres would require dispersion modeling to assess impacts to nearby sensitive receptors. As the maintenance facility would cover an area greater than 5 acres,

dispersion modeling was performed to determine whether construction activities associated with the maintenance facility could expose sensitive receptors to substantial pollutant concentrations. Localized concentrations were estimated using ~~BEEST for Windows (version 9.65) and calculation formulas and emissions factors prescribed by SCAQMD and USEPA~~ ISC3-Prime and calculation formulas and emissions factors prescribed by SCAQMD and USEPA. Because there are numerous receptors just south the maintenance facility and the operations of the Expo/Bundy Station has the potential to provide cumulative impacts for some sensitive receptors, a representative sample of the receptors were chosen to analysis. Figure 4-1 (Sensitive Receptors Associated with the Dispersion Modeling) shows these receptors with respect to the maintenance facility and Expo/Bundy Station. Receptors 1 to 17 were used for the analysis of the construction of the maintenance facility only, where Receptors 1 to 25 were used for the analysis of the cumulative operational impacts. ISC3 modeling output is included as Appendix A1 (Construction LST—URBEMIS Output).

4.1.4 — Localized CO Concentrations for Operation

The effects of motor vehicles on ambient CO concentrations were evaluated using the CAL3QHC dispersion model and traffic volumes provided in the project traffic study. CAL3QHC is a Gaussian dispersion model specifically designed to evaluate air quality impacts of roadway projects. Each roadway link analyzed in the model is treated as a sequence of short segments. Each segment of a roadway link is treated as a separate emission source producing a plume of pollutants which disperses downwind. Pollutant concentrations at any specific location are calculated using the total contribution from overlapping pollution plumes originating from the sequence of roadway segments. For this analysis, CO concentrations were estimated near six roadway intersections determined to be near sensitive receptors and that operate at congested levels of service (LOS) (LOS D, E, or F) during the year 2030. CAL3QHC modeling outputs are included as Appendix A.

4.1.54.1.4 Toxic Air Contaminants

The only project TAC emission of potential concern would be DPM, a form of PM_{2.5} emitted mostly from diesel-powered equipment used during construction phases. The potential for violation of PM_{2.5} ambient air quality standards during construction are evaluated by comparison with appropriate LSTs, as specified above. The Office of Environmental Health Hazards' (OEHHA) *Air Toxics Hot Spots Program Risk Assessment Guidelines, Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments* (August 2003) specify procedures for evaluating cancer risk from DPM exposure. Although a cancer risk factor has been established for DPM, the OEHHA Guidelines assume it would apply to a continuous exposure over a 70-year timeframe. DPM exposure from construction emissions would last a much shorter time in the limited portions of the project corridor while construction activities occur. Accordingly, the potential cancer risk from construction equipment DPM is not addressed in this analysis. All on-site equipment for operational activities within the maintenance shop would be electric. The only diesel-operated equipment will be a back-up generator, which will operate for a maximum of 30 minutes per week. Solvents for the maintenance shop will be water based. Currently there are no plans for painting activities to be conducted on site, however should that change a permitted self-contained paint booth with filters will be used thus eliminating any potential inhalation of contaminants from nearby receptor locations. Accordingly, the potential hazard risk from operational activities is not addressed any further in this analysis. ISC3 modeling output is included as Appendix A1 (Construction LST—URBEMIS Output).



Source: Lakes Environmental Software, ISC3.

Figure 4-1 Sensitive Receptors Associated with the Dispersion Modeling

4.2 Environmental Criteria

4.2.1 CEQA Environmental Criteria

As the agency principally responsible for comprehensive air pollution control in the Basin, the SCAQMD recommends that projects should be evaluated in terms of air pollution control thresholds established by the SCAQMD and published in the CEQA Air Quality Handbook. These thresholds were developed by the SCAQMD to provide quantifiable levels so that projects can be compared with the same standard. Expo utilizes the SCAQMD's thresholds that are recommended at the time that development projects are proposed to assess the significance of quantifiable impacts. The quantifiable thresholds shown below are currently recommended by the SCAQMD and are used to determine the significance of air quality impacts associated with the proposed project.

FTA and Expo have identified the following CEQA criteria, which are taken or adapted from Appendix G of the 2008 CEQA Guidelines, as appropriate for this project. The FTA does not have specific criteria for evaluating effects under NEPA; therefore, the FTA and Expo have determined that an assessment based on CEQA criteria provides a reasonable means for determining environmental effects. ~~The project would have significant impacts associated with air quality, for the purposes of CEQA and NEPA, if the project would result in any of the following:~~

- ~~Violate any air quality standard or contribute substantially to an existing or projected air quality violation—Exceed SCAQMD recommended threshold for daily emissions from construction, as follows:~~

Criteria Pollutant	lbs/day
VOC	75
NO _x	100
CO	550
SO _x	150
PM ₁₀	100
PM _{2.5}	55

~~Exceed SCAQMD recommended threshold for daily emissions from operation, as follows:~~

Criteria Pollutant	lbs/day
VOC	55
NO _x	55
CO	550
SO _x	150
PM ₁₀	150
PM _{2.5}	55

~~In order to assess cumulative impacts, the SCAQMD recommends that projects be evaluated to determine whether they would be consistent with 2007 AQMP performance standards and project specific emissions thresholds. In the case of the proposed project, air pollutant emissions would be considered to be cumulatively considerable if the new sources of emissions exceed SCAQMD emissions thresholds.~~

- ~~• Result in a cumulatively considerable net increase of any criteria pollutant for which the proposed project region is in nonattainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors, including VOCs and NO_x)~~
- ~~• Expose sensitive receptors to substantial pollutant concentrations—Conform to SCAQMD Localized Significance Thresholds for SRA 2 for construction emissions, as follows:~~

Criteria Pollutant	lbs/day
NO _x	310
CO	1,299
PM ₁₀	12
PM _{2.5}	6

~~As described previously, LSTs were developed in response to the SCAQMD Governing Board's Environmental Justice Enhancement Initiative (I-4). LSTs are only applicable for construction emissions of CO, NO_x, PM₁₀, and PM_{2.5}. LSTs do not apply to emissions during operation of the proposed project. Thresholds of significance for localized concentrations were developed by comparing the highest ambient air quality measurements between 2004 and 2006 (as shown in Table 2-1 [Summary of Ambient Air Quality in the Proposed Project Vicinity]) to the most stringent air quality standards. The difference is the maximum concentration of criteria air pollutants that the proposed project would be able to create without causing an exceedance in the ambient air quality standard.~~

4.2.2 Regional Thresholds of Significance

The following significance thresholds (Table 4-1 [Regional Thresholds of Significance]) for air quality have been established by the SCAQMD on a daily basis for construction and operations emissions.

During construction or operation, if any of the identified daily air pollutant thresholds are exceeded by the proposed Project, then the project's air quality impacts may be considered significant. The SCAQMD indicates in Chapter 6 of its Handbook that it considers a project to be mitigated to a level of insignificance if its primary effects are mitigated below the thresholds provided above.

Table 4-1 Regional Thresholds of Significance

<u>Pollutant</u>	<u>Construction Emissions (lbs/day)</u>	<u>Operations Emissions (lbs/day)</u>
<u>VOC</u>	<u>75</u>	<u>55</u>
<u>NO_x</u>	<u>100</u>	<u>55</u>
<u>CO</u>	<u>550</u>	<u>550</u>
<u>PM₁₀</u>	<u>150</u>	<u>150</u>
<u>PM_{2.5}</u>	<u>55</u>	<u>55</u>
<u>SO_x</u>	<u>150</u>	<u>150</u>

SOURCE: SCAQMD, 2009.

4.2.3 Localized Thresholds of Significance

In addition to the mass daily threshold values presented above, the SCAQMD has established the following threshold criteria to determine if a project has the potential to contribute to a localized exceedance of the state Ambient Air Quality Standards in the immediate vicinity of the site:

- California State 1-hour CO standard of 20.0 ppm
- California State 8-hour CO standard of 9.0 ppm
- California State 1-hour NO₂ standard of 0.25 ppm
- SCAQMD 24-hour construction PM₁₀ LST of 10.4 µg/m³
- SCAQMD 24-hour construction PM_{2.5} LST of 10.4 µg/m³
- SCAQMD 24-hour operational PM₁₀ LST of 2.5 µg/m³
- SCAQMD 24-hour operational PM_{2.5} LST of 2.5 µg/m³

The SCAQMD provides screening tables to allow users to readily determine if the daily emissions for proposed construction or operational activities have the potential to result in significant localized air quality impacts. If calculated daily emissions are below the LST emission levels within the look-up tables a project can be considered less than significant. However, if the calculated emissions are above the applicable look-up table emission levels, then more detailed emissions calculations and/or dispersion modeling should be conducted to determine if the project will generate adverse impacts. The tables are organized by pollutant and by source receptor area. CO and NO_x LST thresholds are the same for both construction and operational activities. PM₁₀ and PM_{2.5} have separate thresholds for construction and operation as indicated above.

4.2.4 Additional Indicators

The SCAQMD recommends that “additional indicators” should be used as screening criteria with respect to air quality. Additional factors relevant to the project at hand identified in the Handbook include the following significance criteria:



- Interference with the attainment of the federal or state ambient air quality standards by either violating or contributing to an existing or projected air quality violation
- Emit carcinogenic or toxic contaminants that exceed the maximum individual cancer risk of 10 in one million

Again, the SCAQMD indicates in Chapter 6 of its Handbook that it considers a project to be mitigated to a level of insignificance if its effects are mitigated below the thresholds provided above.

4.2.5 Project Potential to Create Objectionable Odors

The CEQA Guidelines suggest, from an “air quality” perspective, that a project would normally be judged to produce a significant or potentially significant effect on the environment if the project were to expose sensitive receptors to substantial air pollutant concentrations:

- Create objectionable odors affecting a substantial number of people

4.3 NEPA Environmental Criteria

For the evaluation of effects associated with air quality, FTA and Expo have identified the following additional criteria based on the Council on Environmental Quality’s NEPA regulations or other applicable guidance:

- Conflict with or obstruct implementation of the applicable air quality plan—According to 40 CFR Part 93.102, conformity determinations are required for projects that require the approval, funding, or implementation of FHWA or FTA projects. The proposed Project would be funded by FTA and would be required to comply with U.S. EPA Transportation Conformity Rule (40 CFR Part 93). A project-level conformity determination is required for the proposed Project because it is a nonexempt project in a non-attainment area for O₃, CO, and PM₁₀.

4.3.1 Analysis

Criterion	Would the project conflict with or obstruct implementation of the applicable air quality plan?

Impact AQ-1 The proposed project would not conflict with the 2007 AQMP or California’s SIP; therefore, the proposed project would result in beneficial effect.

No-Build Alternative

Regional VMT, and corresponding mobile source emissions, are expected to increase by 2030 in response to increased population and economic activity as accounted for in the 2007 Air Quality Management Plan (AQMP) (refer to Table 4-12 [Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy Miles Traveled in 2030, Los Angeles County]). The AQMP seeks to reduce mobile source emissions and thereby improve air quality with transit and other improvements, including the Expo Phase 2 project. By excluding this project, the No-Build Alternative would conflict or obstruct implementation of the AQMP.

Table 4-12 Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy Miles Traveled in 2030, Los Angeles County

Measure	No-Build Alternative (baseline)	TSM Alternative	LRT 1: Expo ROW– Olympic Alternative	LRT 2: Expo ROW– Colorado Alternative	LRT 3: Venice/Sepulveda– Olympic Alternative	LRT 4 Venice/Sepulveda– Colorado Alternative
VMT	223,164,138	223,163,833	223,073,743	223,120,245	223,147,690	223,152,265
Countywide Emissions (Annual, Tons per Year)						
VOC	11,447.88	11,447.87	11,443.25	11,445.63	11,447.04	11,447.28
NO _x	13,127.14	13,127.13	13,121.83	13,124.56	13,126.18	13,126.45
CO	131,703.25	131,703.08	131,649.89	131,677.34	131,693.57	131,696.29
SO _x	401.01	401.01	400.85	400.93	400.98	400.99
PM ₁₀	70,218.60	70,218.50	70,190.15	70,204.78	70,213.43	70,214.88
PM _{2.5}	13,571.34	13,571.32	13,565.84	13,568.67	13,570.34	13,570.62
Percent Change from No-Build (Tons per Year)						
VOC	—	-0.0000874	-0.0404442	-0.0196543	-0.0073376	-0.0052411
NO _x	—	-0.0000762	-0.0404505	-0.0196539	-0.0073131	-0.0052563
CO	—	-0.0001291	-0.0405153	-0.0196730	-0.0073499	-0.0052846
SO _x	—	0.0000000	-0.0398993	-0.0199496	-0.0074811	-0.0049874
PM ₁₀	—	-0.0001424	-0.0405163	-0.0196814	-0.0073627	-0.0052977
PM _{2.5}	—	-0.0001474	-0.0405266	-0.0196738	-0.0073685	-0.0053053

SOURCE: Data from URBEMIS2007; based on VMT in the *Transportation/Traffic Technical Background Report*.

However, the vast majority of other projects assumed in the AQMP would proceed. Therefore, **no adverse effect** would occur.

Transportation Systems Management (TSM) Alternative

The TSM Alternative would include all of the improvements under the No-Build Alternative and new on-street bus services to directly serve the Expo Phase 2 community transit needs. Those additional improvements would include minor physical modifications such as upgraded bus stops and additional buses. The increased bus service would result in a decrease in VMT in Los Angeles County (refer to Table 4-12 [Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy Miles Traveled in 2030, Los Angeles County]). [Further, the diesel buses that remain in the Metro fleet are being phased out for compressed natural gas or hybrid diesel.](#) While not in strict conformance with the AQMP because it does not include the Expo Phase 2 project, the TSM Alternative still represents improvements to regional transit service and would not obstruct implementation of the 2007 AQMP; therefore, implementation of the TSM Alternative would provide a **beneficial** effect.

LRT Alternatives

The 2007 AQMP, discussed previously, was prepared to accommodate growth, to reduce the high levels of pollutants within the areas under the jurisdiction of SCAQMD, to return clean air to the region, and to minimize the impact on the economy. Projects that are considered to be consistent with the AQMP would not interfere with attainment, because this growth is included in the projections used to formulate the AQMP. Therefore, projects, uses, and activities that are consistent with the applicable assumptions used in the development of the AQMP would not jeopardize attainment of the air quality levels identified in the AQMP, even if they exceed the SCAQMD's recommended daily emissions thresholds.

Transportation plans within the Basin are required to conform to air quality plans in the regions, as established by the Federal Clean Air Act (CAA). The long-term transportation planning requirements for emission reduction from on-road mobile sources within the Basin are met by SCAG's RTP, which was updated in 2008. The short-term implementation requirements are met by SCAG's biennial Regional Transportation Improvement Program (RTIP), which demonstrate timely implementation of a special category of transportation projects called Transportation Control Measures (TCMs).

The region is required to identify TCMs, as specified in the CAA (Section 108 (f)(1)(A)) and also by U.S. EPA's Transportation Conformity Rule (40 CFR Part 93). In the event the region fell out of conformity, only those projects identified as TCMs may go forward. In general, TCMs are those projects that provide emission reductions from on-road mobile sources, based on changes in the patterns and modes by which the regional transportation system is used. The various strategies considered as part of the 2008 RTP and 2008 RTIP are defined, collectively, as a single TCM, with specific strategies for various methods to reduce transportation-related emissions. The 2007 AQMP Transit and Systems Management Strategy is as follows:

Transit and Systems Management: This strategy relies primarily on the provision of facilities and infrastructure that incentivize an increase in the proportion of regional trips that make use of transit as a transportation mode. Such measures also promote the use of alternative modes of transportation (e.g., bicycle and pedestrian modes) and seek to incentivize increases in the average vehicle occupancy (AVO) or ridership (AVR) by

facilitating van-pools, smart shuttles and other such strategies. Systems management measures include projects such as grade separation and traffic signal synchronization.

The proposed project is included in SCAG's 2008 RTP and the 2008 RTIP, and would be consistent with the Transit and Systems Management strategy as outlined in the 2007 AQMP, and as such, the proposed project would conform to Rule 40 CFR Part 93, and would not conflict with nor obstruct the implementation of the SIP and the 2007 AQMP.

The proposed project would result in a net reduction in regional emissions as shown in Table 4-~~1~~2 (Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy Miles Traveled in 2030, Los Angeles County). The analysis was performed for VOC, NO_x, CO, SO_x, PM₁₀, and PM_{2.5} to determine whether the LRT Alternatives would improve or degrade regional air quality. Emissions were based on daily estimates of VMT in the County of Los Angeles for the 2030 analysis year under future No-Build conditions, TSM, and the proposed LRT Alternatives.

Implementation of the LRT Alternative would result in increased transit ridership in Los Angeles County, which would, in turn, reduce VMT associated with single-occupancy automotive traffic (refer to Table 4-~~1~~2). A regional reduction in VMT would be expected to contribute to a regional reduction in criteria pollutant emissions. Table 4-~~1~~2 indicates that operation of the LRT Alternative 1, would reduce regional emissions across all criteria pollutants by up to 0.04 percent annually. Operation of LRT Alternative 2 would reduce regional emissions across all criteria pollutants by up to 0.019 percent annually. Operation of LRT Alternative 3 would reduce regional emissions across all criteria pollutants by up to 0.007 percent annually. Operation of LRT Alternative 4 would reduce regional emissions across all criteria pollutants by up to 0.005 percent annually.

The LRT Alternatives are included in regional transportation plans, which are required to be consistent with the regional AQMP by the federal *Clean Air Act*. SCAG's Regional Transportation Plan (RTP), which was updated in 2008, meets the long-term transportation planning requirements specified in the *Clean Air Act* for reduction of on-road mobile source emissions. SCAG's biennial Regional Transportation Improvement Program (RTIP) meets the short-term implementation requirements through prioritization and implementation of a special category of transportation projects called Transportation Control Measures (TCMs).¹ The proposed LRT Alternatives are included in SCAG's 2008 RTP and the 2008 RTIP, and as such, all four of the LRT Alternatives would be consistent with and would not conflict or obstruct with implementation of the 2007 AQMP. Therefore, implementation of the LRT Alternatives would provide a **beneficial** effect with regards to implementation of the 2007 AQMP.

FEIR Design Options

[Implementation of the Sepulveda Grade Separation, Colorado Parking Retention, Colorado/4th Parallel Platform and South Side Parking, Maintenance Facility Buffer, or Expo/Westwood Station No Parking design options would not affect the operational activities \(frequency and](#)

¹ The region is required to identify TCMs, as specified in the *Clean Air Act* (Section 108 (f)(1)(A)), and also by U.S. EPA's Transportation Conformity Rule (40 CFR Part 93). In general, TCMs are those projects that provide emission reductions from on-road mobile sources, based on changes in the patterns and modes by which the regional transportation system is used. The various strategies considered as part of the 2008 RTP and 2008 RTIP are defined, collectively, as a single TCM, with specific strategies for various methods to reduce transportation-related emissions. If the Basin were to fall into a state of nonattainment for a criteria pollutant, only those projects identified as TCMs would be allowed to move forward.



[capacity\) of the LRT Alternatives. As such, no change in the impact of the LRT Alternatives is anticipated, and impacts would remain **beneficial** with implementation of the design options.](#)

CEQA Determination

Less-Than-Significant Impact. Regional VMT, and corresponding mobile source emissions, are expected to increase by 2030 in response to increased population and economic activity as accounted for in the 2007 Air Quality Management Plan (AQMP) (refer to Table 4-[12](#) [Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy Miles Traveled in 2030, Los Angeles County]). The AQMP seeks to reduce mobile source emissions and thereby improve air quality with transit and other improvements, including the Expo Phase 2 project. By excluding this project, the No-Build Alternative would conflict or obstruct implementation of the AQMP. However, the vast majority of other projects assumed in the AQMP would proceed. Therefore, the impact is ***less than significant***.

Beneficial Impact. The TSM Alternative would include all of the improvements under the No-Build Alternative and new on-street bus services to directly serve the Expo Phase 2 community transit needs. Those additional improvements would include minor physical modifications such as upgraded bus stops and additional buses. The increased bus service would result in a decrease in VMT in Los Angeles County (refer to Table 4-[12](#) [Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy Miles Traveled in 2030, Los Angeles County]). While not in strict conformance with the AQMP because it does not include the Expo Phase 2 project, the TSM Alternative still represents improvements to regional transit service and would not obstruct implementation of the 2007 AQMP; therefore, implementation of the TSM Alternative would provide a ***beneficial*** impact.

Implementation of the LRT Alternatives would not conflict with or obstruct implementation of the 2007 AQMP. As discussed above, the LRT Alternatives are consistent with the 2007 AQMP, and are considered as TCM projects since a proposed LRT Alternative is included in the short-term planning for the 2008 RTP. Additionally, as shown in Table 4-[12](#) (Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy Miles Traveled in 2030, Los Angeles County), implementation and operation of the LRT Alternatives 1 would have a beneficial effect on regional pollutant levels over the life of the project, as the LRT Alternatives would result in a reduction of VMT within the project study area and a corresponding reduction in criteria pollutant emissions from single-occupancy vehicles within the study area; therefore, this impact would be considered ***beneficial***.

Criterion Would the project violate any air quality standard or contribute substantially to an existing or projected air quality violation?

Impact AQ-2 **Peak construction activities associated with the LRT Alternatives could generate emissions that exceed SCAQMD thresholds. Compliance with SCAQMD Rule 403 would reduce this effect; however, SCAQMD thresholds would still be exceeded, resulting in an *adverse effect*.**

No-Build Alternative

Regional VMT, and corresponding mobile source emissions, are expected to increase by 2030 in response to increased population and economic activity (refer to Table 4-[12](#) [Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy

Miles Traveled in 2030, Los Angeles County)). Under the No-Build Alternative, air pollutant emissions would increase as a result of the increased VMT. The minor improvements in bus service on existing routes would have a small but positive impact on future air quality. Nevertheless, the No-Build Alternative would not be consistent with the SCAG RTP, the 2007 AQMP, or the Metro Long Range Transportation# Plan (~~2001~~2009), because these plans that help attain air quality standards assume the reduction in mobile source emissions associated with the Expo Phase 2 project. In the absence of the proposed Expo Phase 2 transit improvements, the No-Build Alternative would contribute less to improving air quality. However, the vast majority of other projects assumed in the AQMP would proceed. Therefore, **no adverse effect** would occur.

Transportation Systems Management (TSM) Alternative

The TSM Alternative would include all of the improvements under the No-Build Alternative and new on-street bus services to directly serve the Expo Phase 2 community transit needs. Those additional improvements would include minor physical modifications such as upgraded bus stops and additional buses. The increased bus service would result in a decrease in VMT in Los Angeles County (refer to Table 4-~~12~~ [Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy Miles Traveled in 2030, Los Angeles County]). While not in strict conformance with the AQMP because it does not include the Expo Phase 2 project, the TSM Alternative still represents improvements to regional transit service and would not violate an air quality standard or contribute substantially to an existing or projected air quality violation. Therefore, implementation of the TSM Alternative would result in a **beneficial** effect with regards to air quality standards.

LRT Alternatives

Estimated air emissions from the proposed project's construction activities were calculated using the URBEMIS 2007 emissions model approved by ARB. The model incorporates mobile source emissions from the EMFAC 2007 computer model for as well as the Institute of Transportation Engineers (ITE) trip generation rates for vehicle emission projections. Note that for operational impacts, the electrically operated light-rail train would not produce CO, VOC, NO_x, SO_x, PM₁₀, or PM_{2.5} emissions and, therefore, do not add to the emission levels.

Construction activities associated with development under the ~~LST~~LRT Alternatives would occur over a period of four years and would involve seven stages: (1) Utility Relocation, (2) Guideway Construction, (3) Station Construction, (4) Maintenance Facility Construction, (5) Systems Installation, (6) Parking Structure Construction, and (7) Station Area and ROW Improvements.

Table 4-~~23~~ (Estimated Peak Daily Construction Emissions [Unmitigated]) show that on the days when construction activities are anticipated to be at their highest levels, these activities would result in emissions of NO_x that would exceed the SCAQMD's daily thresholds for construction-related emissions. This exceedance would be the result of construction vehicles, including haul trucks for excavated soils traveling to and from the areas under construction.

Table 4-23 Estimated Peak Daily Construction Emissions (Unmitigated)

Year of Construction	Phases under Construction	Peak Day Emissions (pounds per day)					
		VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
2010	Utility Relocation	13.89	129.14	51.76	0.01	105.88	26.27
2011	Guideway Construction, Station Construction, and Maintenance Facility Construction	47.36	352.13	166.11	0.01	117.76	37.19
2012	Guideway Construction, Station Construction, Maintenance Facility Construction, Systems Installation, and Parking Structure Construction	62.12	463.36	208.91	0.01	100.04	40.48
2013	Systems Installation, Parking Structure Construction, Station Area and ROW Improvements	62.12	463.36	208.91	0.01	100.04	40.48
Maximum Daily Emissions		62.12	463.36	208.91	0.01	117.76	40.48
SCAQMD Thresholds		75.0	100.0	550.0	150.0	150.0	55.0
Significant Impact?		No	Yes	No	No	No	No

SOURCE: PBS&J, 2008. Construction equipment data provided by DMJM Harris, 2008.

Although the construction period would last approximately four years, air quality impacts would still be localized and short-term. This is because construction equipment, and, therefore, air quality impacts, would move throughout the seven-mile project alignment area. Thus, impacts on individual receptor locations within the area that may be affected by the proposed project would be short-term. Furthermore, because of the nature of construction activity and the phased construction schedule, some days would experience a higher level of construction activity (which in turn generates a higher level of emissions), while others would not.

Best Available Control Measures (BACMs)

The construction contract for the selected alternative would require specific stipulations that the contractor must follow to meet criteria included in ~~MTA's Systems~~ the Metro Design Criteria and Standards, activities designed to minimize adverse effects during construction. A ~~Mitigation~~ Construction Plan would be required that would include a Fugitive Dust Plan using Best ~~Management Practices~~ Available Control Measures (BMP ACM) to control fugitive dust emissions. ~~The Mitigation Plan should also include use of add-on controls, such as catalysts and particulate traps where suitable, and fuel with 15 ppm of sulfur or less unless unavailable. An idling limit (e.g., 5 to 10 minutes per hour) should be established, and engines should be tuned to manufacturers' specifications and at manufacturers' recommended frequency. In addition, in conformance with the SCAQMD's Rule 403 shall be complied with prior to issuance of any grading permit as part of the construction of the LRT Alternatives to improve air quality emissions generated by construction activities. Rule 403 requires the following:~~

There is a wide array of BACMs available to the construction contractor that will enable the project to comply with SCAQMD's Rule 403 and the agency's guidance documents to avoid



significant fugitive dust impacts during construction. The Expo Authority has modeled a discrete set of verifiable BACMs using URBEMIS to confirm that resultant emissions would be below the regional and LST thresholds or, in the case of NO_x, be reduced to the maximum extent feasible. The following practices were included in reaching the conclusion that fugitive dust emissions could be reduced to less than significant and NO_x emissions will be further reduced. The Expo Authority and its contractor would be expected to implement these measures or ones of equivalent effectiveness:

- The construction contractor shall ensure that all disturbed areas and stock piles are watered or soil stabilizers are applied as necessary to prevent visible dust plumes from these areas. Stock piles not in use may be covered with a tarp to eliminate the need for watering or other stabilizers.
- The construction contractor shall ensure that all soils/debris/fill materials being loaded or unloaded at the site are watered down sufficiently to ensure that no visible dust plumes are generated during the loading/unloading activities.
- The construction contractor shall ensure that all on site construction traffic on unpaved roads is reduced to fifteen (15) mph or less.
- The construction contractor shall ensure that unpaved haul roads are watered as necessary to prevent visible dust plumes from these areas.
- The construction contractor shall limit disturbance of the site for grading activities to 5 acres per day or less.
- Prior to issuance of any grading permit or surcharge activities, the contractor shall demonstrate that the grading/erosion control plan will abide by the provisions of SCAQMD's Rule 403 as related to fugitive dust control.
- During construction, operators of any gas or diesel fueled equipment, including vehicles, shall be required to turn off equipment if not actively engaged in construction activities and will be idle for more than five (5) minutes.
- The Authority shall require by contract specifications that the architectural coating (paint and primer) products used would have a low VOC rating. Contract specifications shall be included in the proposed project construction documents.
- The contractor shall ensure that construction parking is configured to minimize traffic interference.
- The construction contractor shall ensure that temporary traffic controls, such as a flag person, is provided during all phases of construction to maintain smooth traffic control.
- The construction contractor shall provide dedicated turn lanes for movement of construction trucks and equipment on and off-site where possible given existing roadway widths and traffic conditions.
- The construction contractor shall schedule construction activities that affect traffic flow on the arterial system to off-peak hours to the extent possible or as allowed by local governing agencies.
- The construction contractor shall reroute construction trucks away from congested streets or sensitive receptor areas to the extent practicable.



- The construction contractor shall ensure that all construction vehicles and equipment are maintained and properly tuned according to manufactures' specifications.

In addition to the above BACMs, the Expo Authority will require the following actions:

SCAQMD Rule 403—Fugitive Dust

- Prior to issuance of any grading permit, the name and phone number of the contractor's superintendent hired by the ~~Applicant~~ Expo Authority shall be submitted to the Departments of Planning and Public Works. In addition, clearly visible signs shall be posted on the perimeter of the site every ~~250~~ 1,000 feet indicating who shall be contacted for information regarding this development and any construction/grading-related concerns. This contact person shall be available immediately to address any concerns or issues raised by adjacent property owners during the construction activity. He/she will be responsible for ensuring compliance with the conditions herein, specifically, grading activities, truck routes, construction hours, noise, etc. Signs shall include the Applicant's contact number regarding grading and construction activities, and "1-800-CUTSMOG" in the event there are concerns regarding fugitive dust and compliance with SCAQMD Rule No. 403.
- ~~Prior to issuance~~ In support of ~~any~~ the grading permit, the ~~Applicant~~ Contractor shall notify all property owners and tenants within 300 feet of the perimeter of the property of a tentative grading schedule at least 30 days prior to such grading.
- ~~Prior to issuance of any grading permit or surcharge activities, the Applicant shall demonstrate that the grading/erosion control plan will abide by the provisions of SCAQMD's Rule 403 as related to fugitive dust control.~~
- ~~Prior to issuance of any grading permit, wind barriers shall be installed along the perimeter of the site and/or around areas being graded.~~
- ~~As required by SCAQMD Rule 403—Fugitive Dust, all construction activities that are capable of generating fugitive dust are required to implement dust control measures during each phase of proposed project development to reduce the amount of particulate matter entrained in the ambient air. These measures include the following:~~
 - ~~—Limiting the amount of area disturbed during site grading to 2 acres per day or less~~
 - ~~—Application of soil stabilizers to inactive construction areas~~
 - ~~—Quick replacement of ground cover in disturbed areas~~
 - ~~—Watering of exposed surfaces three times daily~~
 - ~~—Watering of all unpaved haul roads three times daily~~
 - ~~—Covering all stock piles with tarp~~
 - ~~—Reduction of vehicle speed on unpaved roads~~
 - ~~—Post signs on site, limiting traffic to 15 miles per hour or less~~
 - ~~—Sweep streets adjacent to the proposed project site at the end of the day if visible soil material is carried over to adjacent roads~~

- ~~— Cover or have water applied to the exposed surface of all trucks hauling dirt, sand, soil, or other loose materials prior to leaving the site to prevent dust from impacting the surrounding areas~~
- ~~— Install wheel washers where vehicles enter and exit unpaved roads onto paved roads to wash off trucks and any equipment leaving the site each trip~~
- ~~— Require all construction equipment to be turned off when not in use, to reduce vehicular emissions.~~
- During construction, operators of any gas or diesel fueled equipment, including vehicles, shall be encouraged to turn off equipment if not in use or left idle for more than 5 minutes.
- The Applicant shall require by contract specifications that the architectural coating (paint and primer) products used would have a low VOC rating. Contract specifications shall be included in the proposed project construction documents, which shall be reviewed by the Applicant prior to issuance of a building permit.

Table 4-34 (Estimated Peak Daily Construction Emissions [~~Mitigated with BACMs~~]) identifies the emission levels that would be generated during the days when the maximum amount of construction activity would be expected to occur in each year of the construction period. Compliance with SCAQMD Rule 403—Fugitive Dust measures have been accounted for in the peak construction estimates. As shown, estimated construction-related peak daily emissions would exceed SCAQMD significance thresholds for NO_x for all years of construction of the LRT Alternatives, even with implementation of Rule 403. The NO_x emissions would primarily be the result of the construction equipment and diesel trucks that would haul soil and equipment to and from the project site(s). ~~No other air emissions threshold is anticipated to be exceeded during construction.~~ Although the use of aqueous fuel will reduce the emissions of NO_x, the fuel reduces the lifespan of the equipment engine and is not an option that will be used by the contractors constructing this project. Because of the amount of equipment needed for the project, the limited number of contractors that use aqueous fuel with their equipment, this measure, although considered, is unfeasible at this time. The use of construction equipment that meets or exceeds Tier 2 standards and is equipped with oxidation catalysts and particulate traps will reduce the emissions of NO_x. It is economically unfeasible for the project to require that all construction equipment meet this standard at the outset of the project. However, the construction contractor will use any currently available equipment meeting these requirements, and as this is a multi-year project, as older equipment is retired, the replacement equipment will meet the minimum Tier 2 standards and be equipped with oxidation catalysts and particulate traps to aid in the reduction of NO_x emissions from construction activities. No other air emissions threshold is anticipated to be exceeded during construction.

**Table 4-34** Estimated Peak Daily Construction Emissions (**Mitigated with BACMs**)

Year of Construction	Phases under Construction	Peak Day Emissions (pounds per day)					
		VOC	NO _x	CO	SO _x	PM ₁₀ ^a	PM _{2.5} ^a
2010	Utility Relocation	13.89	129.14	51.76	0.01	57.69	16.21
2011	Guideway Construction, Station Construction, and Maintenance Facility Construction	47.36	352.13	166.11	0.01	69.57	27.13
2012	Guideway Construction, Station Construction, Maintenance Facility Construction, Systems Installation, and Parking Structure Construction	62.12	463.36	208.91	0.01	73.14	30.42
2013	Systems Installation, Parking Structure Construction, Station Area and ROW Improvements	41.29	298.73	139.65	0.01	66.17	24.01
Maximum Daily Emissions		62.12	463.36	208.91	0.01	73.14	30.42
SCAQMD Thresholds		75.0	100.0	550.0	150.0	150.0	55.0
Significant Impact?		No	Yes	No	No	No	No

SOURCE: PBS&J, 2008. Construction equipment data provided by DMJM Harris, 2008.

a. Assumes watering of the proposed project site would occur three times per day during ground-disturbing activities.

Compliance with SCAQMD Rule 403—Fugitive Dust would be required for construction of the proposed project and these measures would ensure that construction-related emissions of PM₁₀ and PM_{2.5} would remain below the SCAQMD thresholds. Additionally compliance with the Rule would ensure that low VOC rated paint products are used to reduce emissions of VOCs during project construction. However, NO_x emissions would remain above the established thresholds established by the SCAQMD. Since there are no mitigation measures that would reduce NO_x emission levels below the established threshold, there would be an **adverse effect**.

FEIR Design Options

The length and intensity of construction activities associated with implementation of the Sepulveda Grade Separation, Colorado Parking Retention, Colorado/4th Parallel Platform and South Side Parking, Maintenance Facility Buffer, or Expo/Westwood Station No Parking design options, is anticipated to be consistent with those already contemplated as part of the LRT Alternatives. As such, construction of the design options in conjunction with the other facilities proposed under the LRT Alternatives would be expected to exceed SCAQMD thresholds for NO_x during construction, and impacts would remain **significant and unavoidable**, consistent with the LRT Alternatives.

CEQA Determination

Less-Than-Significant Impact. Project-related physical development would not occur under the No-Build Alternative other than improvements to the existing Metro systems. Those

additional improvements would include minor physical modifications such as upgraded bus stops and additional buses. These minor physical improvements would not require intensive construction activities that would result in the emission of criteria pollutants in excess of the thresholds established by the SCAQMD. Additionally, the increased bus service would result in a decrease in VMT in Los Angeles County (refer to Table 4-12 [Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy Miles Traveled in 2030, Los Angeles County]). The No-Build Alternative would not violate an air quality standard or contribute substantially to an existing or projected air quality violation. Therefore, implementation of the No-Build Alternative would result in a **less-than-significant** impact with regards to air quality standards.

Beneficial Impact. The TSM Alternative would include all of the improvements under the No-Build Alternative and new on-street bus services to directly serve the Expo Phase 2 community transit needs. Those additional improvements would include minor physical modifications such as upgraded bus stops and additional buses. These minor physical improvements would not require intensive construction activities that would result in the emission of criteria pollutants in excess of the thresholds established by the SCAQMD. The increased bus service would result in a decrease in VMT in Los Angeles County (refer to Table 4-12 [Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy Miles Traveled in 2030, Los Angeles County]). While not in strict conformance with the AQMP because it does not include the Expo Phase 2 project, the TSM Alternative still represents improvements to regional transit service and would not violate an air quality standard or contribute substantially to an existing or projected air quality violation. Therefore, implementation of the TSM Alternative would result in a **beneficial** impact with regards to air quality standards.

Significant and Unavoidable. Implementation of the LRT Alternatives would create construction phase NO_x emissions that exceed the SCAQMD's thresholds for construction-related emissions. Implementation of the requirements of SCAQMD Rule 403 would reduce emissions, but not reduce NO_x emissions to levels below the SCAQMD's established thresholds; therefore, this impact would remain **significant and unavoidable**.

Criterion Would the project exceed SCAQMD recommended thresholds for daily emissions from ~~construction and~~ operation?

Impact AQ-3 **Operation of the proposed LRT Alternatives would not generate emissions that exceed SCAQMD thresholds. The LRT Alternatives would result in a reduction of regional pollutants and there would be a *beneficial effect*.**

No-Build Alternative

Regional VMT, and corresponding mobile source emissions, are expected to increase by 2030 in response to increased population and economic activity (refer to Table 4-12 [Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy Miles Traveled in 2030, Los Angeles County]). Under the No-Build Alternative, air pollutant emissions would increase as a result of the increased VMT. The minor improvements in bus service on existing routes would have a small but positive impact on future air quality. Nevertheless, the No-Build Alternative would not be consistent with the SCAG RTP, the 2007 AQMP, or the Metro Long Range Transit Plan (2001), because these plans that help achieve the SCAQMD thresholds for daily emissions assume the reduction in daily emissions associated

with the Expo Phase 2 project. However, the vast majority of other projects assumed in the AQMP would proceed. Therefore, **no adverse effect** would occur.

Transportation Systems Management (TSM) Alternative

The TSM Alternative would include all of the improvements under the No-Build Alternative and new on-street bus services to directly serve the Expo Phase 2 community transit needs. Those additional improvements would include minor physical modifications such as upgraded bus stops and additional buses. The increased bus service would result in a decrease in VMT in Los Angeles County (refer to Table 4-12 [Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy Miles Traveled in 2030, Los Angeles County]). While not in strict conformance with the AQMP because it does not include the Expo Phase 2 project, the TSM Alternative still represents improvements to regional transit service and would not exceed recommended thresholds for daily operational emissions. Therefore, implementation of the TSM Alternative would result in a **beneficial** effect with respect to daily emissions thresholds.

LRT Alternatives

As described under Impact AQ-1, the LRT Alternatives would result in a reduction of regional VMT, and as shown in Table 4-12 (Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy Miles Traveled in 2030, Los Angeles County), the reduction in VMT would result in a regional reduction of criteria pollutant emissions. [Note that for operational impacts, the electrically operated light-rail train will not produce CO, VOC, NO_x, SO_x, PM₁₀, or PM_{2.5} emissions and therefore do not add to the emission levels.](#) The LRT Alternatives would not result in additional vehicle trips; rather, the LRT Alternatives would serve to reduce the total vehicle trips on the road, as single-occupancy vehicles would travel to the LRT stations instead of their original final destination. Therefore, implementation of the LRT Alternatives would not result in the generation of new mobile source emissions. The result of implementation and operation of the LRT Alternatives would have a **beneficial effect** on regional pollutant levels over the life of the project.

FEIR Design Options

[Implementation of the Sepulveda Grade Separation, Colorado Parking Retention, Colorado/4th Parallel Platform and South Side Parking, Maintenance Facility Buffer, or Expo/Westwood Station No Parking design options would not affect the operational activities \(frequency and capacity\) of the LRT Alternatives. As such, no change in the impact of the LRT Alternatives is anticipated, and impacts would remain **beneficial** with implementation of the design options.](#)

CEQA Determination

Less-Than-Significant Impact. Regional VMT, and corresponding mobile source emissions, are expected to increase by 2030 in response to increased population and economic activity (refer to Table 4-12 [Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy Miles Traveled in 2030, Los Angeles County]). Under the No-Build Alternative, air pollutant emissions would increase as a result of the increased VMT. The minor improvements in bus service on existing routes would have a small but positive impact on future air quality. Nevertheless, the No-Build Alternative would not be consistent with the SCAG RTP, the 2007 AQMP, or the Metro Long Range Transit Plan (2001), because these plans that help achieve the SCAQMD thresholds for daily emissions assume the reduction in

daily emissions associated with the Expo Phase 2 project. However, the vast majority of other projects assumed in the AQMP would proceed. Therefore, the impact is ***less than significant***.

Beneficial Impact. The TSM Alternative would include all of the improvements under the No-Build Alternative and new on-street bus services to directly serve the Expo Phase 2 community transit needs. Those additional improvements would include minor physical modifications such as upgraded bus stops and additional buses. The increased bus service would result in a decrease in VMT in Los Angeles County (refer to Table 4-12 [Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy Miles Traveled in 2030, Los Angeles County]). While not in strict conformance with the AQMP because it does not include the Expo Phase 2 project, the TSM Alternative still represents improvements to regional transit service and would not exceed recommended thresholds for daily operational emissions. Therefore, implementation of the TSM Alternative would result in a ***beneficial*** impact with respect to daily emissions thresholds.

As shown in Table 4-12 (Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy Miles Traveled in 2030, Los Angeles County), implementation and operation of the LRT Alternatives would have a beneficial effect on regional pollutant levels over the life of the project and would result in a reduction of VMT within the project study area and a corresponding reduction in criteria pollutant emissions from single-occupancy vehicles within the study area; therefore, the impact would be considered ***beneficial***.

Criterion Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the proposed project region is in non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors, including VOCs and NO_x)?

Impact AQ-4 The LRT Alternative would result in a cumulatively considerable net increase of the criteria pollutant (NO_x) during construction activities for which the project region is classified non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions that exceed quantitative thresholds for ozone precursors). Compliance with SCAQMD Rule 403 and implementation of the above mitigation measures would reduce emissions, but not NO_x emissions to a level below the threshold of impact established by the SCAQMD. Therefore, there would be an ***adverse effect***.

No-Build Alternative

Regional VMT, and corresponding mobile source emissions, are expected to increase by 2030 in response to increased population and economic activity (refer to Table 4-12 [Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy Miles Traveled in 2030, Los Angeles County]). Under the No-Build Alternative, air pollutant emissions would increase as a result of the increased VMT. The minor improvements in bus service on existing routes would have a small but positive impact on future air quality. Nevertheless, the No-Build Alternative would not be consistent with the SCAG RTP, the 2007 AQMP, or the Metro Long Range Transit Plan (2001), because these plans that help achieve

the ambient air quality standards assume the reduction in air emissions associated with the Expo Phase 2 project. However, the vast majority of other projects assumed in the AQMP would proceed. Therefore, **no adverse effect** would occur.

Transportation Systems Management (TSM) Alternative

The TSM Alternative would include all of the improvements under the No-Build Alternative and new on-street bus services to directly serve the Expo Phase 2 community transit needs. Those additional improvements would include minor physical modifications such as upgraded bus stops and additional buses. The increased bus service would result in a decrease in VMT in Los Angeles County (refer to Table 4-12 [Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy Miles Traveled in 2030, Los Angeles County]). The TSM Alternative would result in lower countywide VMT and lower emissions of criteria pollutants for which the proposed project region is in nonattainment. Therefore, the TSM Alternative would have a **beneficial** effect.

LRT Alternatives

A significant impact could occur if a project would add a cumulatively considerable contribution to a federal or state non-attainment pollutant. Because the Basin is currently in non-attainment for ozone (for which VOC and NO_x are precursors), PM₁₀, and PM_{2.5} under federal and state standards, projects could cumulatively exceed an air quality standard or contribute to an existing or projected air quality exceedance. With regard to determining the significance of the LRT Alternatives contribution, the SCAQMD neither recommends quantified analyses of cumulative construction or operational emissions, nor provides separate methodologies or thresholds of significance to be used to assess cumulative construction or operational impacts. Instead, the SCAQMD recommends that a project's potential contribution to cumulative impacts should be assessed using the same significance criteria as those for project-specific impacts; that is, individual development projects that generate construction-related or operational emissions that exceed the SCAQMD-recommended daily thresholds for project-specific impacts would contribute to a cumulatively considerable increase in emissions for those pollutants for which the Basin is in non-attainment.

As discussed previously in Impact AQ-2 and shown in Table 4-2 (~~Estimated Peak Daily Construction Emissions [Unmitigated]~~) and Table 4-3 (~~Estimated Peak Daily Construction Emissions [Mitigated/Unmitigated]~~) and Table 4-4 (Estimated Peak Daily Construction Emissions [with BACMs]), construction-related daily emissions associated with the LRT Alternatives development would exceed SCAQMD significance thresholds for NO_x. Therefore, the emissions generated by construction of the LRT Alternatives would contribute to a cumulatively considerable impact, and thus would contribute to an air quality violation. As described above in Impact AQ-2, compliance with SCAQMD Rule 403 and implementation of mitigation measures provided above would reduce emissions for construction of the LRT Alternatives, but NO_x emissions would not be reduced to levels below the established thresholds.

Because the proposed project would exceed SCAQMD thresholds for the pollutants and precursors of ozone for which the Basin is in non-attainment, the proposed project would make cumulatively considerable contributions of these pollutants during construction of the proposed project. Because no feasible mitigation measures beyond what is proposed for Impact AQ-2 is available to further reduce the contribution to NO_x emissions to a level below SCAQMD threshold for the LRT Alternatives, this would result in an **adverse effect**.

FEIR Design Options

The length and intensity of construction activities associated with implementation of the Sepulveda Grade Separation, Colorado Parking Retention, Colorado/4th Parallel Platform and South Side Parking, Maintenance Facility Buffer, or Expo/Westwood Station No Parking design options, are anticipated to be consistent with those already contemplated as part of the LRT Alternatives. As such, construction of the design options in conjunction with the other facilities proposed under the LRT Alternatives would be expected to exceed SCAQMD thresholds for NO_x during construction, and impacts would remain **significant and unavoidable**, consistent with the LRT Alternatives.

CEQA Determination

Less-Than-Significant Impact. Regional VMT, and corresponding mobile source emissions, are expected to increase by 2030 in response to increased population and economic activity (refer to Table 4-12 [Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy Miles Traveled in 2030, Los Angeles County]). Under the No-Build Alternative, air pollutant emissions would increase as a result of the increased VMT. The minor improvements in bus service on existing routes would have a small but positive impact on future air quality. Nevertheless, the No-Build Alternative would not be consistent with the SCAG RTP, the 2007 AQMP, or the Metro Long Range Transit Plan (2001), because these plans that help achieve the ambient air quality standards assume the reduction in air emissions associated with the Expo Phase 2 project. However, the vast majority of other projects assumed in the AQMP would proceed. Therefore, the impact is **less than significant**.

Beneficial Impact. The TSM Alternative would include all of the improvements under the No-Build Alternative and new on-street bus services to directly serve the Expo Phase 2 community transit needs. Those additional improvements would include minor physical modifications such as upgraded bus stops and additional buses. The increased bus service would result in a decrease in VMT in Los Angeles County (refer to Table 4-12 [Annual Reductions in Criteria Pollutant Emissions Associated with Reduced Vehicle Single-Occupancy Miles Traveled in 2030, Los Angeles County]). The TSM Alternative would result in lower countywide VMT and lower emissions of criteria pollutants for which the proposed project region is in nonattainment. Therefore, the TSM Alternative would have a **beneficial** effect.

Significant and Unavoidable Impact. Construction of the LRT Alternatives would exceed SCAQMD thresholds for NO_x emissions. The LRT Alternatives would make a cumulatively considerable contribution of this pollutant during construction of the LRT Alternatives. Compliance with SCAQMD rule 403 and implementation of the above mitigation measures would reduce emissions for the proposed LRT Alternatives, but not NO_x emissions to levels below significance. Therefore, impacts would be significant, and the cumulative contribution would be considered **significant and unavoidable**.



Criterion	Would the project expose sensitive receptors to substantial pollutant concentrations?

Impact AQ-5 The construction of the proposed Project would not exceed any pollutant significance thresholds with the incorporation of the BACM measures included in this analysis. As described below, temporary construction emissions would be below localized significance thresholds with the incorporation of the BACMs. Therefore, with the incorporation of the BACMs, the project would result in a *less-than-significant* impact.

No-Build Alternative

There would be roadway and transit service improvements associated with the No-Build Alternative. However, the only improvement that would change the physical environment in the Expo Phase 2 ROW would be the I-405 Widening project. Within the Expo Phase 2 ROW, the I-405 Widening project would result in increased air emissions, but would not expose sensitive receptors to substantial pollution concentrations. The No-Build Alternative also includes improvements to Bus operations include converting a larger percentage of the fleet to CNG, which would reduce criteria air pollutant emissions. Therefore, the No-Build Alternative would result in a *no adverse effect*.

Transportation Systems Management (TSM) Alternative

The TSM Alternative would include all of the improvements under the No-Build Alternative and new on-street bus services to directly serve the Expo Phase 2 community transit needs. Those additional improvements would include minor physical modifications such as upgraded bus stops and additional buses. As shown in Table 4-29 (Carbon Monoxide Concentrations Near Six "Worst-Case" Intersections), the TSM Alternative would result in a *no adverse effect*.

LRT Alternatives

In accordance with the Methodology, emission estimates for Localized significance includes only on-site activities and emission rates expressed in pounds per day. PM₁₀ emissions include both fugitive dust and exhaust from stationary and mobile onsite construction equipment. Emission rates for construction emissions were determined from the URBEMIS2007 version 9.2.4 model.

The following sections detail the construction LST evaluations for the Bundy Drive aerial structure and the Expo/Bundy surface parking lot, the Expo/Westwood Station parking area, the Sepulveda Boulevard Grade Separation Design Option and the Centinela Avenue aerial structure. Construction for these project features include numerous phases, some which overlap. To provide a more concise evaluation, the significance determination is being made with respect to the highest reported emission levels for each of the criteria pollutants during the construction phase for each of these features. Details for each individual phase for the segments are included in Appendix A.

LST thresholds for the following project segments were chosen based on the nearest residential receptors being 25 meters or closer and are located within the SCAQMD's Source-Receptor Area #2 (Northwest Coastal LA County). Thresholds are further evaluated based on the size of the construction area ranging from 1 to 5 acres.

Modeling Assumptions

As described under Impact AQ-2, there are a wide array of BACMs available to the construction contractor that will enable the project to comply with SCAQMD's Rule 403 and the agency's guidance documents to avoid significant fugitive dust impacts during construction. The Expo Authority has modeled a discrete set of BACMs using URBEMIS to confirm that resultant emissions would be below the LST thresholds identified by the SCAQMD. At the time that the Fugitive Dust Plan is submitted to the jurisdiction issuing the construction permits the specific BACMs that will be implemented to satisfy Rule 403 and to attain a less-than-significant impact will be identified. The discrete set of BACMs modeled in URBEMIS and needed in the modeling to derive a less than significant finding for the LST thresholds are outlined below. The Authority and its contractor would be expected to implement these measures or ones of equivalent effectiveness. BACMs used in the URBEMIS model include:

- The construction contractor shall ensure that all disturbed areas and stock piles are watered or soil stabilizers are applied as necessary to prevent visible dust plumes from these areas.
- The construction contractor shall ensure that all soils/debris/fill materials being loaded or unloaded at the site are watered down sufficiently to ensure that no visible dust plumes are generated during the loading/unloading activities (modeled with watering at 3 times per day for all but the maintenance facility, maintenance facility modeled at 4 times per day.).
- The construction contractor shall ensure that all traffic on unpaved roads is reduced to fifteen (15) mph or less.
- The construction contractor shall ensure that all haul roads are watered as necessary to prevent visible dust plumes from these areas (modeled with watering at 3 times per day for all but the maintenance facility, maintenance facility modeled at 4 times per day.).
- The construction contractor shall limit disturbance of the site for grading activities to five (5) acres per day or less.

Table 4-5 (Incremental Localized Emissions from Construction Activities of the Bundy Aerial Structure) through Table 4-8 (Incremental Localized Emissions from Construction Activities of the Centinela Avenue Aerial Structure) summarize the maximum reported daily emissions for demolition, grading and construction for each segment in comparison with the SCAQMD Localized thresholds of significance. Note that without mitigation, PM₁₀ and PM_{2.5} emissions would exceed the SCAQMD thresholds. This exceedance represents a potentially significant impact, however, with the implementation of the Best Management Plan Criteria and Standards detailed in the discussion for Impact AQ-2, all emissions will be reduced to below the SCAQMD thresholds of significance. Due to the fact that the Expo/Bundy Station surface parking lot and the Bundy Drive aerial structure are being constructed during different time frames and do not overlap, the parking and the aerial structure construction were analyzed separately.

Table 4-5 Incremental Localized Emissions from Construction Activities of the Bundy Aerial Structure

<u>Distance</u>	<u>CO (lbs/day)</u>		<u>NO₂ (lbs/day)</u>		<u>PM₁₀ (lbs/day)</u>		<u>PM_{2.5} (lbs/day)</u>	
	<u>B*</u>	<u>A**</u>	<u>B*</u>	<u>A**</u>	<u>B*</u>	<u>A**</u>	<u>B*</u>	<u>A**</u>
<u>Peak Daily On-site Emissions</u>	<u>30.40</u>	<u>30.40</u>	<u>74.57</u>	<u>74.57</u>	<u>52.81</u>	<u>5.24</u>	<u>12.03</u>	<u>3.08</u>
<u>Allowable emissions at 25 meters</u>	<u>1,509</u>		<u>246</u>		<u>13</u>		<u>6</u>	
<u>Allowable emissions at 50 meters</u>	<u>1,957</u>		<u>236</u>		<u>40</u>		<u>8</u>	
<u>Allowable emissions at 100 meters</u>	<u>2,762</u>		<u>251</u>		<u>55</u>		<u>14</u>	
<u>Allowable emissions at 200 meters</u>	<u>4,383</u>		<u>277</u>		<u>84</u>		<u>29</u>	
<u>Allowable emissions at 500 meters</u>	<u>10,467</u>		<u>346</u>		<u>174</u>		<u>95</u>	
<u>Exceed Allowable emissions?</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes</u>	<u>No</u>	<u>Yes</u>	<u>No</u>

SOURCE: PBS&J; Data from URBEMIS2007

* B column for each criteria pollutant under peak daily onsite emissions shows emissions BEFORE BACMs are incorporated.

** A column for each criteria pollutant under peak daily onsite emissions shows emissions AFTER BACMs are incorporated.

Table 4-6 Incremental Localized Emissions from Construction Activities of the Expo/Bundy Surface Parking Location

<u>Distance</u>	<u>CO (lbs/day)</u>		<u>NO₂ (lbs/day)</u>		<u>PM₁₀ (lbs/day)</u>		<u>PM_{2.5} (lbs/day)</u>	
	<u>B*</u>	<u>A**</u>	<u>B*</u>	<u>A**</u>	<u>B*</u>	<u>A**</u>	<u>B*</u>	<u>A**</u>
<u>Peak Daily On-site Emissions</u>	<u>25.36</u>	<u>25.36</u>	<u>40.27</u>	<u>40.27</u>	<u>81.91</u>	<u>6.08</u>	<u>17.79</u>	<u>2.11</u>
<u>Allowable emissions at 25 meters</u>	<u>1,509</u>		<u>246</u>		<u>13</u>		<u>6</u>	
<u>Allowable emissions at 50 meters</u>	<u>1,957</u>		<u>236</u>		<u>40</u>		<u>8</u>	
<u>Allowable emissions at 100 meters</u>	<u>2,762</u>		<u>251</u>		<u>55</u>		<u>14</u>	
<u>Allowable emissions at 200 meters</u>	<u>4,383</u>		<u>277</u>		<u>84</u>		<u>29</u>	
<u>Allowable emissions at 500 meters</u>	<u>10,467</u>		<u>346</u>		<u>174</u>		<u>95</u>	
<u>Exceed Allowable emissions?</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes</u>	<u>No</u>	<u>Yes</u>	<u>No</u>

SOURCE: PBS&J; Data from URBEMIS2007

* B column for each criteria pollutant under peak daily on-site emissions shows emissions BEFORE BACMs are incorporated.

** A column for each criteria pollutant under peak daily on-site emissions shows emissions AFTER BACMs are incorporated.

Table 4-7 Incremental Localized Emissions from Construction Activities of the Expo/Westwood Surface Parking Location

<u>Distance</u>	<u>CO (lbs/day)</u>		<u>NO₂ (lbs/day)</u>		<u>PM₁₀ (lbs/day)</u>		<u>PM_{2.5} (lbs/day)</u>	
	<u>B*</u>	<u>A**</u>	<u>B*</u>	<u>A**</u>	<u>B*</u>	<u>A**</u>	<u>B*</u>	<u>A**</u>
<u>Peak Daily On-site Emissions</u>	<u>26.89</u>	<u>26.89</u>	<u>42.02</u>	<u>42.02</u>	<u>101.19</u>	<u>7.30</u>	<u>21.97</u>	<u>2.36</u>
<u>Allowable emissions at 25 meters</u>	<u>1,509</u>		<u>246</u>		<u>13</u>		<u>6</u>	
<u>Allowable emissions at 50 meters</u>	<u>1,957</u>		<u>236</u>		<u>40</u>		<u>8</u>	
<u>Allowable emissions at 100 meters</u>	<u>2,762</u>		<u>251</u>		<u>55</u>		<u>14</u>	
<u>Allowable emissions at 200 meters</u>	<u>4,383</u>		<u>277</u>		<u>84</u>		<u>29</u>	
<u>Allowable emissions at 500 meters</u>	<u>10,467</u>		<u>346</u>		<u>174</u>		<u>95</u>	
<u>Exceed Allowable emissions?</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes</u>	<u>No</u>	<u>Yes</u>	<u>No</u>

SOURCE: PBS&J; Data from URBEMIS2007

* B column for each criteria pollutant under peak daily on-site emissions shows emissions BEFORE BACMs are incorporated.

** A column for each criteria pollutant under peak daily on-site emissions shows emissions AFTER BACMs are incorporated.

Table 4-8 Incremental Localized Emissions from Construction Activities of the Centinela Avenue Aerial Structure

<u>Distance</u>	<u>CO (lbs/day)</u>		<u>NO₂ (lbs/day)</u>		<u>PM₁₀ (lbs/day)</u>		<u>PM_{2.5} (lbs/day)</u>	
	<u>B*</u>	<u>A**</u>	<u>B*</u>	<u>A**</u>	<u>B*</u>	<u>A**</u>	<u>B*</u>	<u>A**</u>
<u>Peak Daily On-site Emissions</u>	<u>45.29</u>	<u>45.29</u>	<u>99.30</u>	<u>106.59</u>	<u>90.04</u>	<u>9.77</u>	<u>20.72</u>	<u>5.03</u>
<u>Allowable emissions at 25 meters</u>	<u>1,509</u>		<u>246</u>		<u>13</u>		<u>6</u>	
<u>Allowable emissions at 50 meters</u>	<u>1,957</u>		<u>236</u>		<u>40</u>		<u>8</u>	
<u>Allowable emissions at 100 meters</u>	<u>2,762</u>		<u>251</u>		<u>55</u>		<u>14</u>	
<u>Allowable emissions at 200 meters</u>	<u>4,383</u>		<u>277</u>		<u>84</u>		<u>29</u>	
<u>Allowable emissions at 500 meters</u>	<u>10,467</u>		<u>346</u>		<u>174</u>		<u>95</u>	
<u>Exceed Allowable emissions?</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes</u>	<u>No</u>	<u>Yes</u>	<u>No</u>

SOURCE: PBS&J; Data from URBEMIS2007

* B column for each criteria pollutant under peak daily on-site emissions shows emissions BEFORE BACMs are incorporated.

** A column for each criteria pollutant under peak daily on-site emissions shows emissions AFTER BACMs are incorporated.

Since the maintenance facility for the proposed project would cover an area greater than 5 acres, would be constructed at one time, would have sensitive receptors within approximately 25 meters of the construction activities, and would be a common element for each of the LRT Alternatives, dispersion modeling was performed to determine whether construction activities associated with the maintenance facility would expose sensitive receptors to substantial pollutant concentrations. Worst-case emissions for the demolition, grading, and remaining construction stages of the maintenance facility are included in Table 4-9 (Incremental Localized

CO Emissions from Construction Activities of the Maintenance Facility) through Table 4-12 (Incremental Localized PM_{2.5} Emissions from Construction Activities of the Maintenance Facility) and are compared to LSTs for SRA 2. Localized concentrations were estimated using ISC3 - Prime and calculation formulas and emissions factors prescribed by SCAQMD and USEPA. Construction activities are said to be significant for CO and NO₂ if the measured construction concentrations combined with the measured ambient concentration for SRA 2 exceed the SCAQMD thresholds of significance. Because the ambient emissions exceed the SCAQMD thresholds for particulate matter (PM₁₀ and PM_{2.5}), significance is determined by level of increase. If anticipated construction activities are greater than 10.4 µg/m³, based on a 24-hour average than the construction activities are considered significant. Because construction is anticipated to last more than a year, the annual change in emissions must be less than 1 µg/m³. As shown in Table 4-10 (Incremental Localized NO₂ Emissions from Construction Activities of the Maintenance Facility) through Table 4-13 (Incremental Localized Emissions from Construction Activities of the Sepulveda Boulevard Grade Separation Design Option), construction of the maintenance facility would not exceed the LST thresholds established for PM₁₀ and PM_{2.5} emissions with incorporated BACMs.

Table 4-9 Incremental Localized CO Emissions from Construction Activities of the Maintenance Facility

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
Demolition Stage						
CO, 1-hour	4–25 Meters	3	1.49E-07	3.000000149	20	No
	3–25 Meters	3	1.31E-07	3.000000131	20	No
	2–25 Meters	3	1.40E-07	3.000000140	20	No
	1–25 Meters	3	1.49E-07	3.000000149	20	No
	5–25 Meters	3	1.75E-07	3.000000175	20	No
	9–100 Meters	3	8.74E-08	3.000000087	20	No
	8–100 Meters	3	7.87E-08	3.000000079	20	No
	7–100 Meters	3	7.87E-08	3.000000079	20	No
	6–100 Meters	3	7.87E-08	3.000000079	20	No
	14–150 Meters	3	1.22E-07	3.000000122	20	No
	15–180 Meters	3	1.05E-07	3.000000105	20	No
	16–200 Meters	3	7.87E-08	3.000000079	20	No
	10–200 Meters	3	5.25E-08	3.000000052	20	No
	11–200 Meters	3	5.25E-08	3.000000052	20	No
	12–200 Meters	3	5.25E-08	3.000000052	20	No
	13–200 Meters	3	5.25E-08	3.000000052	20	No
	17–300 Meters	3	5.25E-08	3.000000052	20	No

Table 4-9 Incremental Localized CO Emissions from Construction Activities of the Maintenance Facility

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
CO, 8-hour	4–25 Meters	2	1.22E-07	2.000000122	9	No
	3–25 Meters	2	1.14E-07	2.000000114	9	No
	2–25 Meters	2	1.14E-07	2.000000114	9	No
	1–25 Meters	2	8.74E-08	2.000000087	9	No
	5–25 Meters	2	1.31E-07	2.000000131	9	No
	9–100 Meters	2	6.99E-08	2.000000070	9	No
	8–100 Meters	2	6.12E-08	2.000000061	9	No
	7–100 Meters	2	6.12E-08	2.000000061	9	No
	6–100 Meters	2	4.37E-08	2.000000044	9	No
	14–150 Meters	2	7.87E-08	2.000000079	9	No
	15–180 Meters	2	6.12E-08	2.000000061	9	No
	16–200 Meters	2	4.37E-08	2.000000044	9	No
	10–200 Meters	2	3.50E-08	2.000000035	9	No
	11–200 Meters	2	3.50E-08	2.000000035	9	No
	12–200 Meters	2	3.50E-08	2.000000035	9	No
	13–200 Meters	2	3.50E-08	2.000000035	9	No
	17–300 Meters	2	3.50E-08	2.000000035	9	No
Grading Stage						
CO, 1-hour	4–25 Meters	3	3.41E-07	3.000000341	20	No
	3–25 Meters	3	2.97E-07	3.000000297	20	No
	2–25 Meters	3	3.15E-07	3.000000315	20	No
	1–25 Meters	3	3.32E-07	3.000000332	20	No
	5–25 Meters	3	4.02E-07	3.000000402	20	No
	9–100 Meters	3	1.92E-07	3.000000192	20	No
	8–100 Meters	3	1.75E-07	3.000000175	20	No
	7–100 Meters	3	1.75E-07	3.000000175	20	No
	6–100 Meters	3	1.84E-07	3.000000184	20	No
	14–150 Meters	3	2.80E-07	3.000000280	20	No
	15–180 Meters	3	2.36E-07	3.000000236	20	No
	16–200 Meters	3	1.84E-07	3.000000184	20	No
	10–200 Meters	3	1.14E-07	3.000000114	20	No

Table 4-9 Incremental Localized CO Emissions from Construction Activities of the Maintenance Facility

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>11–200 Meters</u>	<u>3</u>	<u>1.14E-07</u>	<u>3.000000114</u>	<u>20</u>	<u>No</u>
	<u>12–200 Meters</u>	<u>3</u>	<u>1.14E-07</u>	<u>3.000000114</u>	<u>20</u>	<u>No</u>
	<u>13–200 Meters</u>	<u>3</u>	<u>1.22E-07</u>	<u>3.000000122</u>	<u>20</u>	<u>No</u>
	<u>17–300 Meters</u>	<u>3</u>	<u>1.31E-07</u>	<u>3.000000131</u>	<u>20</u>	<u>No</u>
<u>CO, 8-hour</u>	<u>4–25 Meters</u>	<u>2</u>	<u>2.80E-07</u>	<u>2.000000280</u>	<u>9</u>	<u>No</u>
	<u>3–25 Meters</u>	<u>2</u>	<u>2.54E-07</u>	<u>2.000000254</u>	<u>9</u>	<u>No</u>
	<u>2–25 Meters</u>	<u>2</u>	<u>2.54E-07</u>	<u>2.000000254</u>	<u>9</u>	<u>No</u>
	<u>1–25 Meters</u>	<u>2</u>	<u>2.01E-07</u>	<u>2.000000201</u>	<u>9</u>	<u>No</u>
	<u>5–25 Meters</u>	<u>2</u>	<u>2.89E-07</u>	<u>2.000000289</u>	<u>9</u>	<u>No</u>
	<u>9–100 Meters</u>	<u>2</u>	<u>1.57E-07</u>	<u>2.000000157</u>	<u>9</u>	<u>No</u>
	<u>8–100 Meters</u>	<u>2</u>	<u>1.40E-07</u>	<u>2.000000140</u>	<u>9</u>	<u>No</u>
	<u>7–100 Meters</u>	<u>2</u>	<u>1.31E-07</u>	<u>2.000000131</u>	<u>9</u>	<u>No</u>
	<u>6–100 Meters</u>	<u>2</u>	<u>1.14E-07</u>	<u>2.000000114</u>	<u>9</u>	<u>No</u>
	<u>10–200 Meters</u>	<u>2</u>	<u>7.87E-08</u>	<u>2.000000079</u>	<u>9</u>	<u>No</u>
	<u>14–150 Meters</u>	<u>2</u>	<u>1.75E-07</u>	<u>2.000000175</u>	<u>9</u>	<u>No</u>
	<u>15–180 Meters</u>	<u>2</u>	<u>1.31E-07</u>	<u>2.000000131</u>	<u>9</u>	<u>No</u>
	<u>16–200 Meters</u>	<u>2</u>	<u>9.62E-08</u>	<u>2.000000096</u>	<u>9</u>	<u>No</u>
	<u>11–200 Meters</u>	<u>2</u>	<u>8.74E-08</u>	<u>2.000000087</u>	<u>9</u>	<u>No</u>
	<u>12–200 Meters</u>	<u>2</u>	<u>8.74E-08</u>	<u>2.000000087</u>	<u>9</u>	<u>No</u>
	<u>13–200 Meters</u>	<u>2</u>	<u>8.74E-08</u>	<u>2.000000087</u>	<u>9</u>	<u>No</u>
	<u>17–300 Meters</u>	<u>2</u>	<u>7.87E-08</u>	<u>2.000000079</u>	<u>9</u>	<u>No</u>
<u>Remaining Construction Stage</u>						
<u>CO, 1-hour</u>	<u>4–25 Meters</u>	<u>3</u>	<u>3.41E-07</u>	<u>3.00000034</u>	<u>20</u>	<u>No</u>
	<u>3–25 Meters</u>	<u>3</u>	<u>2.97E-07</u>	<u>3.00000030</u>	<u>20</u>	<u>No</u>
	<u>2–25 Meters</u>	<u>3</u>	<u>3.15E-07</u>	<u>3.00000032</u>	<u>20</u>	<u>No</u>
	<u>1–25 Meters</u>	<u>3</u>	<u>3.32E-07</u>	<u>3.00000033</u>	<u>20</u>	<u>No</u>
	<u>5–25 Meters</u>	<u>3</u>	<u>4.02E-07</u>	<u>3.00000040</u>	<u>20</u>	<u>No</u>
	<u>9–100 Meters</u>	<u>3</u>	<u>1.92E-07</u>	<u>3.00000019</u>	<u>20</u>	<u>No</u>
	<u>8–100 Meters</u>	<u>3</u>	<u>1.75E-07</u>	<u>3.00000018</u>	<u>20</u>	<u>No</u>
	<u>7–100 Meters</u>	<u>3</u>	<u>1.75E-07</u>	<u>3.00000018</u>	<u>20</u>	<u>No</u>
	<u>6–100 Meters</u>	<u>3</u>	<u>1.84E-07</u>	<u>3.00000018</u>	<u>20</u>	<u>No</u>

Table 4-9 Incremental Localized CO Emissions from Construction Activities of the Maintenance Facility

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>14–150 Meters</u>	<u>3</u>	<u>2.80E-07</u>	<u>3.00000028</u>	<u>20</u>	<u>No</u>
	<u>15–180 Meters</u>	<u>3</u>	<u>2.36E-07</u>	<u>3.00000024</u>	<u>20</u>	<u>No</u>
	<u>16–200 Meters</u>	<u>3</u>	<u>1.84E-07</u>	<u>3.00000018</u>	<u>20</u>	<u>No</u>
	<u>10–200 Meters</u>	<u>3</u>	<u>1.14E-07</u>	<u>3.00000011</u>	<u>20</u>	<u>No</u>
	<u>11–200 Meters</u>	<u>3</u>	<u>1.14E-07</u>	<u>3.00000011</u>	<u>20</u>	<u>No</u>
	<u>12–200 Meters</u>	<u>3</u>	<u>1.14E-07</u>	<u>3.00000011</u>	<u>20</u>	<u>No</u>
	<u>13–200 Meters</u>	<u>3</u>	<u>1.22E-07</u>	<u>3.00000012</u>	<u>20</u>	<u>No</u>
	<u>17–300 Meters</u>	<u>3</u>	<u>1.31E-07</u>	<u>3.00000013</u>	<u>20</u>	<u>No</u>
<u>CO, 8-hour</u>	<u>4–25 Meters</u>	<u>2</u>	<u>2.80E-07</u>	<u>2.00000028</u>	<u>9</u>	<u>No</u>
	<u>3–25 Meters</u>	<u>2</u>	<u>2.54E-07</u>	<u>2.00000025</u>	<u>9</u>	<u>No</u>
	<u>2–25 Meters</u>	<u>2</u>	<u>2.54E-07</u>	<u>2.00000025</u>	<u>9</u>	<u>No</u>
	<u>1–25 Meters</u>	<u>2</u>	<u>2.01E-07</u>	<u>2.00000020</u>	<u>9</u>	<u>No</u>
	<u>5–25 Meters</u>	<u>2</u>	<u>2.89E-07</u>	<u>2.00000029</u>	<u>9</u>	<u>No</u>
	<u>9–100 Meters</u>	<u>2</u>	<u>1.57E-07</u>	<u>2.00000016</u>	<u>9</u>	<u>No</u>
	<u>8–100 Meters</u>	<u>2</u>	<u>1.40E-07</u>	<u>2.00000014</u>	<u>9</u>	<u>No</u>
	<u>7–100 Meters</u>	<u>2</u>	<u>1.31E-07</u>	<u>2.00000013</u>	<u>9</u>	<u>No</u>
	<u>6–100 Meters</u>	<u>2</u>	<u>1.14E-07</u>	<u>2.00000011</u>	<u>9</u>	<u>No</u>
	<u>14–150 Meters</u>	<u>2</u>	<u>1.75E-07</u>	<u>2.00000018</u>	<u>9</u>	<u>No</u>
	<u>15–180 Meters</u>	<u>2</u>	<u>1.31E-07</u>	<u>2.00000013</u>	<u>9</u>	<u>No</u>
	<u>16–200 Meters</u>	<u>2</u>	<u>9.62E-08</u>	<u>2.00000010</u>	<u>9</u>	<u>No</u>
	<u>10–200 Meters</u>	<u>2</u>	<u>7.87E-08</u>	<u>2.00000008</u>	<u>9</u>	<u>No</u>
	<u>11–200 Meters</u>	<u>2</u>	<u>8.74E-08</u>	<u>2.00000009</u>	<u>9</u>	<u>No</u>
	<u>12–200 Meters</u>	<u>2</u>	<u>8.74E-08</u>	<u>2.00000009</u>	<u>9</u>	<u>No</u>
	<u>13–200 Meters</u>	<u>2</u>	<u>8.74E-08</u>	<u>2.00000009</u>	<u>9</u>	<u>No</u>
	<u>17–300 Meters</u>	<u>2</u>	<u>7.87E-08</u>	<u>2.00000008</u>	<u>9</u>	<u>No</u>

SOURCE: PBS&J; ISC-Prime (Lakes Environmental Software, AERMOD View version 6.0.0, 2009).

Table 4-10 Incremental Localized NO₂ Emissions from Construction Activities of the Maintenance Facility

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)*</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
<u>Demolition Stage</u>						
<u>NO₂, 1-hour</u>	<u>4–25 Meters</u>	<u>0.09</u>	<u>1.70E-07</u>	<u>0.090000170</u>	<u>0.18</u>	<u>No</u>
	<u>3–25 Meters</u>	<u>0.09</u>	<u>1.49E-07</u>	<u>0.090000149</u>	<u>0.18</u>	<u>No</u>
	<u>2–25 Meters</u>	<u>0.09</u>	<u>1.60E-07</u>	<u>0.090000160</u>	<u>0.18</u>	<u>No</u>
	<u>1–25 Meters</u>	<u>0.09</u>	<u>1.65E-07</u>	<u>0.090000165</u>	<u>0.18</u>	<u>No</u>
	<u>5–25 Meters</u>	<u>0.09</u>	<u>2.02E-07</u>	<u>0.090000202</u>	<u>0.18</u>	<u>No</u>
	<u>9–100 Meters</u>	<u>0.09</u>	<u>9.58E-08</u>	<u>0.090000096</u>	<u>0.18</u>	<u>No</u>
	<u>8–100 Meters</u>	<u>0.09</u>	<u>9.05E-08</u>	<u>0.090000090</u>	<u>0.18</u>	<u>No</u>
	<u>7–100 Meters</u>	<u>0.09</u>	<u>9.05E-08</u>	<u>0.090000090</u>	<u>0.18</u>	<u>No</u>
	<u>6–100 Meters</u>	<u>0.09</u>	<u>9.58E-08</u>	<u>0.090000096</u>	<u>0.18</u>	<u>No</u>
	<u>14–150 Meters</u>	<u>0.09</u>	<u>1.44E-07</u>	<u>0.090000144</u>	<u>0.18</u>	<u>No</u>
	<u>15–180 Meters</u>	<u>0.09</u>	<u>1.17E-07</u>	<u>0.090000117</u>	<u>0.18</u>	<u>No</u>
	<u>16–200 Meters</u>	<u>0.09</u>	<u>9.58E-08</u>	<u>0.090000096</u>	<u>0.18</u>	<u>No</u>
	<u>10–200 Meters</u>	<u>0.09</u>	<u>5.86E-08</u>	<u>0.090000059</u>	<u>0.18</u>	<u>No</u>
	<u>11–200 Meters</u>	<u>0.09</u>	<u>5.86E-08</u>	<u>0.090000059</u>	<u>0.18</u>	<u>No</u>
	<u>12–200 Meters</u>	<u>0.09</u>	<u>5.86E-08</u>	<u>0.090000059</u>	<u>0.18</u>	<u>No</u>
	<u>13–200 Meters</u>	<u>0.09</u>	<u>6.39E-08</u>	<u>0.090000064</u>	<u>0.18</u>	<u>No</u>
	<u>17–300 Meters</u>	<u>0.09</u>	<u>6.39E-08</u>	<u>0.090000064</u>	<u>0.18</u>	<u>No</u>
<u>NO₂, Annual</u>	<u>4–25 Meters</u>	<u>0.0190</u>	<u>2.66E-08</u>	<u>0.019000027</u>	<u>0.03</u>	<u>No</u>
	<u>3–25 Meters</u>	<u>0.0190</u>	<u>2.66E-08</u>	<u>0.019000027</u>	<u>0.03</u>	<u>No</u>
	<u>2–25 Meters</u>	<u>0.0190</u>	<u>2.13E-08</u>	<u>0.019000021</u>	<u>0.03</u>	<u>No</u>
	<u>1–25 Meters</u>	<u>0.0190</u>	<u>1.06E-08</u>	<u>0.019000011</u>	<u>0.03</u>	<u>No</u>
	<u>5–25 Meters</u>	<u>0.0190</u>	<u>2.66E-08</u>	<u>0.019000027</u>	<u>0.03</u>	<u>No</u>
	<u>9–100 Meters</u>	<u>0.0190</u>	<u>1.06E-08</u>	<u>0.019000011</u>	<u>0.03</u>	<u>No</u>
	<u>8–100 Meters</u>	<u>0.0190</u>	<u>1.06E-08</u>	<u>0.019000011</u>	<u>0.03</u>	<u>No</u>
	<u>7–100 Meters</u>	<u>0.0190</u>	<u>5.32E-09</u>	<u>0.019000005</u>	<u>0.03</u>	<u>No</u>

Table 4-10 Incremental Localized NO₂ Emissions from Construction Activities of the Maintenance Facility

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)*</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>6–100 Meters</u>	<u>0.0190</u>	<u>5.32E-09</u>	<u>0.019000005</u>	<u>0.03</u>	<u>No</u>
	<u>14–150 Meters</u>	<u>0.0190</u>	<u>1.06E-08</u>	<u>0.019000011</u>	<u>0.03</u>	<u>No</u>
	<u>15–180 Meters</u>	<u>0.0190</u>	<u>1.06E-08</u>	<u>0.019000011</u>	<u>0.03</u>	<u>No</u>
	<u>16–200 Meters</u>	<u>0.0190</u>	<u>5.32E-09</u>	<u>0.019000005</u>	<u>0.03</u>	<u>No</u>
	<u>10–200 Meters</u>	<u>0.0190</u>	<u>0.00E+00</u>	<u>0.019000000</u>	<u>0.03</u>	<u>No</u>
	<u>11–200 Meters</u>	<u>0.0190</u>	<u>5.32E-09</u>	<u>0.019000005</u>	<u>0.03</u>	<u>No</u>
	<u>12–200 Meters</u>	<u>0.0190</u>	<u>5.32E-09</u>	<u>0.019000005</u>	<u>0.03</u>	<u>No</u>
	<u>13–200 Meters</u>	<u>0.0190</u>	<u>5.32E-09</u>	<u>0.019000005</u>	<u>0.03</u>	<u>No</u>
	<u>17–300 Meters</u>	<u>0.0190</u>	<u>5.32E-09</u>	<u>0.019000005</u>	<u>0.03</u>	<u>No</u>
<u>Grading Stage</u>						
<u>NO₂, 1-hour</u>	<u>4–25 Meters</u>	<u>0.09</u>	<u>3.67E-07</u>	<u>0.090000367</u>	<u>0.18</u>	<u>No</u>
	<u>3–25 Meters</u>	<u>0.09</u>	<u>3.19E-07</u>	<u>0.090000319</u>	<u>0.18</u>	<u>No</u>
	<u>2–25 Meters</u>	<u>0.09</u>	<u>3.41E-07</u>	<u>0.090000341</u>	<u>0.18</u>	<u>No</u>
	<u>1–25 Meters</u>	<u>0.09</u>	<u>3.57E-07</u>	<u>0.090000357</u>	<u>0.18</u>	<u>No</u>
	<u>5–25 Meters</u>	<u>0.09</u>	<u>4.36E-07</u>	<u>0.090000436</u>	<u>0.18</u>	<u>No</u>
	<u>9–100 Meters</u>	<u>0.09</u>	<u>2.08E-07</u>	<u>0.090000208</u>	<u>0.18</u>	<u>No</u>
	<u>8–100 Meters</u>	<u>0.09</u>	<u>1.92E-07</u>	<u>0.090000192</u>	<u>0.18</u>	<u>No</u>
	<u>7–100 Meters</u>	<u>0.09</u>	<u>1.92E-07</u>	<u>0.090000192</u>	<u>0.18</u>	<u>No</u>
	<u>6–100 Meters</u>	<u>0.09</u>	<u>2.02E-07</u>	<u>0.090000202</u>	<u>0.18</u>	<u>No</u>
	<u>14–150 Meters</u>	<u>0.09</u>	<u>3.03E-07</u>	<u>0.090000303</u>	<u>0.18</u>	<u>No</u>
	<u>15–180 Meters</u>	<u>0.09</u>	<u>2.55E-07</u>	<u>0.090000255</u>	<u>0.18</u>	<u>No</u>
	<u>16–200 Meters</u>	<u>0.09</u>	<u>2.02E-07</u>	<u>0.090000202</u>	<u>0.18</u>	<u>No</u>
	<u>10–200 Meters</u>	<u>0.09</u>	<u>1.22E-07</u>	<u>0.090000122</u>	<u>0.18</u>	<u>No</u>

Table 4-10 Incremental Localized NO₂ Emissions from Construction Activities of the Maintenance Facility

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)*</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>11-200 Meters</u>	<u>0.09</u>	<u>1.22E-07</u>	<u>0.090000122</u>	<u>0.18</u>	<u>No</u>
	<u>12-200 Meters</u>	<u>0.09</u>	<u>1.24E-07</u>	<u>0.090000124</u>	<u>0.18</u>	<u>No</u>
	<u>13-200 Meters</u>	<u>0.09</u>	<u>1.33E-07</u>	<u>0.090000133</u>	<u>0.18</u>	<u>No</u>
	<u>17-300 Meters</u>	<u>0.09</u>	<u>1.38E-07</u>	<u>0.090000138</u>	<u>0.18</u>	<u>No</u>
<u>NO₂, Annual</u>	<u>4-25 Meters</u>	<u>0.0190</u>	<u>5.32E-08</u>	<u>0.019000053</u>	<u>0.03</u>	<u>No</u>
	<u>3-25 Meters</u>	<u>0.0190</u>	<u>5.32E-08</u>	<u>0.019000053</u>	<u>0.03</u>	<u>No</u>
	<u>2-25 Meters</u>	<u>0.0190</u>	<u>4.26E-08</u>	<u>0.019000043</u>	<u>0.03</u>	<u>No</u>
	<u>1-25 Meters</u>	<u>0.0190</u>	<u>1.60E-08</u>	<u>0.019000016</u>	<u>0.03</u>	<u>No</u>
	<u>5-25 Meters</u>	<u>0.0190</u>	<u>5.86E-08</u>	<u>0.019000059</u>	<u>0.03</u>	<u>No</u>
	<u>9-100 Meters</u>	<u>0.0190</u>	<u>2.66E-08</u>	<u>0.019000027</u>	<u>0.03</u>	<u>No</u>
	<u>8-100 Meters</u>	<u>0.0190</u>	<u>2.13E-08</u>	<u>0.019000021</u>	<u>0.03</u>	<u>No</u>
	<u>7-100 Meters</u>	<u>0.0190</u>	<u>1.60E-08</u>	<u>0.019000016</u>	<u>0.03</u>	<u>No</u>
	<u>6-100 Meters</u>	<u>0.0190</u>	<u>1.06E-08</u>	<u>0.019000011</u>	<u>0.03</u>	<u>No</u>
	<u>14-150 Meters</u>	<u>0.0190</u>	<u>2.66E-08</u>	<u>0.019000027</u>	<u>0.03</u>	<u>No</u>
	<u>15-180 Meters</u>	<u>0.0190</u>	<u>2.13E-08</u>	<u>0.019000021</u>	<u>0.03</u>	<u>No</u>
	<u>16-200 Meters</u>	<u>0.0190</u>	<u>1.60E-08</u>	<u>0.019000016</u>	<u>0.03</u>	<u>No</u>
	<u>10-200 Meters</u>	<u>0.0190</u>	<u>5.32E-09</u>	<u>0.019000005</u>	<u>0.03</u>	<u>No</u>
	<u>11-200 Meters</u>	<u>0.0190</u>	<u>5.32E-09</u>	<u>0.019000005</u>	<u>0.03</u>	<u>No</u>
	<u>12-200 Meters</u>	<u>0.0190</u>	<u>1.06E-08</u>	<u>0.019000011</u>	<u>0.03</u>	<u>No</u>
	<u>13-200 Meters</u>	<u>0.0190</u>	<u>1.06E-08</u>	<u>0.019000011</u>	<u>0.03</u>	<u>No</u>
	<u>17-300 Meters</u>	<u>0.0190</u>	<u>1.06E-08</u>	<u>0.019000011</u>	<u>0.03</u>	<u>No</u>
<u>Remaining Construction Stage</u>						
<u>NO₂, 1-hour</u>	<u>4-25 Meters</u>	<u>0.09</u>	<u>3.67E-07</u>	<u>0.090000367</u>	<u>0.18</u>	<u>No</u>
	<u>3-25 Meters</u>	<u>0.09</u>	<u>3.19E-07</u>	<u>0.090000319</u>	<u>0.18</u>	<u>No</u>

Table 4-10 Incremental Localized NO₂ Emissions from Construction Activities of the Maintenance Facility

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)*</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>2–25 Meters</u>	<u>0.09</u>	<u>3.41E-07</u>	<u>0.090000341</u>	<u>0.18</u>	<u>No</u>
	<u>1–25 Meters</u>	<u>0.09</u>	<u>3.57E-07</u>	<u>0.090000357</u>	<u>0.18</u>	<u>No</u>
	<u>5–25 Meters</u>	<u>0.09</u>	<u>4.36E-07</u>	<u>0.090000436</u>	<u>0.18</u>	<u>No</u>
	<u>9–100 Meters</u>	<u>0.09</u>	<u>2.08E-07</u>	<u>0.090000208</u>	<u>0.18</u>	<u>No</u>
	<u>8–100 Meters</u>	<u>0.09</u>	<u>1.92E-07</u>	<u>0.090000192</u>	<u>0.18</u>	<u>No</u>
	<u>7–100 Meters</u>	<u>0.09</u>	<u>1.92E-07</u>	<u>0.090000192</u>	<u>0.18</u>	<u>No</u>
	<u>6–100 Meters</u>	<u>0.09</u>	<u>2.02E-07</u>	<u>0.090000202</u>	<u>0.18</u>	<u>No</u>
	<u>14–150 Meters</u>	<u>0.09</u>	<u>3.03E-07</u>	<u>0.090000303</u>	<u>0.18</u>	<u>No</u>
	<u>15–180 Meters</u>	<u>0.09</u>	<u>2.55E-07</u>	<u>0.090000255</u>	<u>0.18</u>	<u>No</u>
	<u>16–200 Meters</u>	<u>0.09</u>	<u>2.02E-07</u>	<u>0.090000202</u>	<u>0.18</u>	<u>No</u>
	<u>10–200 Meters</u>	<u>0.09</u>	<u>1.22E-07</u>	<u>0.090000122</u>	<u>0.18</u>	<u>No</u>
	<u>11–200 Meters</u>	<u>0.09</u>	<u>1.22E-07</u>	<u>0.090000122</u>	<u>0.18</u>	<u>No</u>
	<u>12–200 Meters</u>	<u>0.09</u>	<u>1.24E-07</u>	<u>0.090000124</u>	<u>0.18</u>	<u>No</u>
	<u>13–200 Meters</u>	<u>0.09</u>	<u>1.33E-07</u>	<u>0.090000133</u>	<u>0.18</u>	<u>No</u>
	<u>17–300 Meters</u>	<u>0.09</u>	<u>1.38E-07</u>	<u>0.090000138</u>	<u>0.18</u>	<u>No</u>
<u>NO₂, Annual</u>	<u>4–25 Meters</u>	<u>0.0190</u>	<u>5.32E-08</u>	<u>0.019000053</u>	<u>0.03</u>	<u>No</u>
	<u>3–25 Meters</u>	<u>0.0190</u>	<u>5.32E-08</u>	<u>0.019000053</u>	<u>0.03</u>	<u>No</u>
	<u>2–25 Meters</u>	<u>0.0190</u>	<u>4.26E-08</u>	<u>0.019000043</u>	<u>0.03</u>	<u>No</u>
	<u>1–25 Meters</u>	<u>0.0190</u>	<u>1.60E-08</u>	<u>0.019000016</u>	<u>0.03</u>	<u>No</u>
	<u>5–25 Meters</u>	<u>0.0190</u>	<u>5.86E-08</u>	<u>0.019000059</u>	<u>0.03</u>	<u>No</u>
	<u>9–100 Meters</u>	<u>0.0190</u>	<u>2.66E-08</u>	<u>0.019000027</u>	<u>0.03</u>	<u>No</u>
	<u>8–100 Meters</u>	<u>0.0190</u>	<u>2.13E-08</u>	<u>0.019000021</u>	<u>0.03</u>	<u>No</u>
	<u>7–100 Meters</u>	<u>0.0190</u>	<u>1.60E-08</u>	<u>0.019000016</u>	<u>0.03</u>	<u>No</u>
	<u>6–100 Meters</u>	<u>0.0190</u>	<u>1.06E-08</u>	<u>0.019000011</u>	<u>0.03</u>	<u>No</u>
	<u>14–150 Meters</u>	<u>0.0190</u>	<u>2.66E-08</u>	<u>0.019000027</u>	<u>0.03</u>	<u>No</u>

Table 4-10 Incremental Localized NO₂ Emissions from Construction Activities of the Maintenance Facility

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)*</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>15-180 Meters</u>	<u>0.0190</u>	<u>2.13E-08</u>	<u>0.019000021</u>	<u>0.03</u>	<u>No</u>
	<u>16-200 Meters</u>	<u>0.0190</u>	<u>1.60E-08</u>	<u>0.019000016</u>	<u>0.03</u>	<u>No</u>
	<u>10-200 Meters</u>	<u>0.0190</u>	<u>5.32E-09</u>	<u>0.019000005</u>	<u>0.03</u>	<u>No</u>
	<u>11-200 Meters</u>	<u>0.0190</u>	<u>5.32E-09</u>	<u>0.019000005</u>	<u>0.03</u>	<u>No</u>
	<u>12-200 Meters</u>	<u>0.0190</u>	<u>1.06E-08</u>	<u>0.019000011</u>	<u>0.03</u>	<u>No</u>
	<u>13-200 Meters</u>	<u>0.0190</u>	<u>1.06E-08</u>	<u>0.019000011</u>	<u>0.03</u>	<u>No</u>
	<u>17-300 Meters</u>	<u>0.0190</u>	<u>1.06E-08</u>	<u>0.019000011</u>	<u>0.03</u>	<u>No</u>

SOURCE: PBS&J; ISC-Prime (Lakes Environmental Software, AERMOD View version 6.0.0, 2009).

Table 4-11 Incremental Localized PM₁₀ Emissions from Construction Activities of the Maintenance Facility

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Maximum Incremental Project-Related Impact (µg/m³)*</u>	<u>Most Restrictive Air Quality Standard (µg/m³)</u>	<u>Significant Impact?</u>
<u>Demolition Stage</u>				
<u>PM₁₀ 24 Hr</u>	<u>4-25 Meters</u>	<u>1.1156</u>	<u>10.4</u>	<u>No</u>
	<u>3-25 Meters</u>	<u>1.1594</u>	<u>10.4</u>	<u>No</u>
	<u>2-25 Meters</u>	<u>1.2143</u>	<u>10.4</u>	<u>No</u>
	<u>1-25 Meters</u>	<u>0.5218</u>	<u>10.4</u>	<u>No</u>
	<u>5-25 Meters</u>	<u>0.0896</u>	<u>10.4</u>	<u>No</u>
	<u>9-100 Meters</u>	<u>0.4892</u>	<u>10.4</u>	<u>No</u>
	<u>8-100 Meters</u>	<u>0.4665</u>	<u>10.4</u>	<u>No</u>
	<u>7-100 Meters</u>	<u>0.4603</u>	<u>10.4</u>	<u>No</u>
	<u>6-100 Meters</u>	<u>0.3418</u>	<u>10.4</u>	<u>No</u>
	<u>14-150 Meters</u>	<u>0.3573</u>	<u>10.4</u>	<u>No</u>
	<u>15-180 Meters</u>	<u>0.2728</u>	<u>10.4</u>	<u>No</u>
	<u>16-200 Meters</u>	<u>0.2111</u>	<u>10.4</u>	<u>No</u>

**Table 4-11 Incremental Localized PM₁₀ Emissions from Construction Activities of the Maintenance Facility**

	10–200 Meters	0.2419	10.4	No
	11–200 Meters	0.2767	10.4	No
	12–200 Meters	0.2799	10.4	No
	13–200 Meters	0.2602	10.4	No
	17–300 Meters	0.1420	10.4	No
PM₁₀ Annual	4–25 Meters	0.3027	1.00	No
	3–25 Meters	0.2977	1.00	No
	2–25 Meters	0.2536	1.00	No
	1–25 Meters	0.0774	1.00	No
	5–25 Meters	0.3005	1.00	No
	9–100 Meters	0.1055	1.00	No
	8–100 Meters	0.0968	1.00	No
	7–100 Meters	0.0736	1.00	No
	6–100 Meters	0.0355	1.00	No
	14–150 Meters	0.1024	1.00	No
	15–180 Meters	0.0780	1.00	No
	16–200 Meters	0.0541	1.00	No
	10–200 Meters	0.0205	1.00	No
	11–200 Meters	0.0311	1.00	No
	12–200 Meters	0.0424	1.00	No
	13–200 Meters	0.0471	1.00	No
	17–300 Meters	0.0298	1.00	No
<u>Grading Stage</u>				
PM₁₀ 24 Hr	4–25 Meters	1.00E-05	10.4	No
	3–25 Meters	1.00E-05	10.4	No
	2–25 Meters	2.00E-05	10.4	No
	1–25 Meters	1.00E-05	10.4	No
	5–25 Meters	1.00E-05	10.4	No
	9–100 Meters	1.00E-05	10.4	No
	8–100 Meters	1.00E-05	10.4	No
	7–100 Meters	1.00E-05	10.4	No
	6–100 Meters	1.00E-05	10.4	No
	14–150 Meters	1.00E-05	10.4	No
	15–180 Meters	1.00E-05	10.4	No
	16–200 Meters	0.00E+00	10.4	No
	10–200 Meters	0.00E+00	10.4	No

**Table 4-11 Incremental Localized PM₁₀ Emissions from Construction Activities of the Maintenance Facility**

	11–200 Meters	1.00E-05	10.4	No
	12–200 Meters	1.00E-05	10.4	No
	13–200 Meters	1.00E-05	10.4	No
	17–300 Meters	0.00E+00	10.4	No
PM₁₀ Annual	4–25 Meters	0.00E+00	1.00	No
	3–25 Meters	0.00E+00	1.00	No
	2–25 Meters	0.00E+00	1.00	No
	1–25 Meters	0.00E+00	1.00	No
	5–25 Meters	0.00E+00	1.00	No
	9–100 Meters	0.00E+00	1.00	No
	8–100 Meters	0.00E+00	1.00	No
	7–100 Meters	0.00E+00	1.00	No
	6–100 Meters	0.00E+00	1.00	No
	14–150 Meters	0.00E+00	1.00	No
	15–180 Meters	0.00E+00	1.00	No
	16–200 Meters	0.00E+00	1.00	No
	10–200 Meters	0.00E+00	1.00	No
	11–200 Meters	0.00E+00	1.00	No
	12–200 Meters	0.00E+00	1.00	No
	13–200 Meters	0.00E+00	1.00	No
	17–300 Meters	0.00E+00	1.00	No
<u>Remaining Construction Stage</u>				
PM₁₀ 24 Hr	4–25 Meters	1.00E-05	10.4	No
	3–25 Meters	1.00E-05	10.4	No
	2–25 Meters	2.00E-05	10.4	No
	1–25 Meters	1.00E-05	10.4	No
	5–25 Meters	1.00E-05	10.4	No
	9–100 Meters	1.00E-05	10.4	No
	8–100 Meters	1.00E-05	10.4	No
	7–100 Meters	1.00E-05	10.4	No
	6–100 Meters	1.00E-05	10.4	No
	14–150 Meters	1.00E-05	10.4	No
	15–180 Meters	1.00E-05	10.4	No
	16–200 Meters	0.00E+00	10.4	No
	10–200 Meters	0.00E+00	10.4	No
	11–200 Meters	1.00E-05	10.4	No

**Table 4-11 Incremental Localized PM₁₀ Emissions from Construction Activities of the Maintenance Facility**

<u>PM₁₀ Annual</u>	<u>12–200 Meters</u>	<u>1.00E-05</u>	<u>10.4</u>	<u>No</u>
	<u>13–200 Meters</u>	<u>1.00E-05</u>	<u>10.4</u>	<u>No</u>
	<u>17–300 Meters</u>	<u>0.00E+00</u>	<u>10.4</u>	<u>No</u>
	<u>4–25 Meters</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>3–25 Meters</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>2–25 Meters</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>1–25 Meters</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>5–25 Meters</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>9–100 Meters</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>8–100 Meters</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>7–100 Meters</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>6–100 Meters</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>14–150 Meters</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>15–180 Meters</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>16–200 Meters</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>10–200 Meters</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>11–200 Meters</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>12–200 Meters</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>13–200 Meters</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>17–300 Meters</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>

SOURCE: PBS&J; ISC-Prime (Lakes Environmental Software, AERMOD View version 6.0.0, 2009).

* Some concentrations were below the reporting sensitivity of the ISC3-Prime model and therefore show up as "0.00" concentration. Concentrations this low are negligible.

Table 4-12 Incremental Localized PM_{2.5} Emissions from Construction Activities of the Maintenance Facility

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Maximum Incremental Project-Related Impact (µg/m³)*</u>	<u>Most Restrictive Air Quality Standard (µg/m³)</u>	<u>Significant Impact?</u>
<u>Demolition Stage</u>				
<u>PM_{2.5} 24 Hr</u>	<u>4–25 Meters</u>	<u>0.22979</u>	<u>10.4</u>	<u>No</u>
	<u>3–25 Meters</u>	<u>0.23883</u>	<u>10.4</u>	<u>No</u>
	<u>2–25 Meters</u>	<u>0.25013</u>	<u>10.4</u>	<u>No</u>
	<u>1–25 Meters</u>	<u>0.10748</u>	<u>10.4</u>	<u>No</u>
	<u>5–25 Meters</u>	<u>0.18456</u>	<u>10.4</u>	<u>No</u>
	<u>9–100 Meters</u>	<u>0.010077</u>	<u>10.4</u>	<u>No</u>

**Table 4-12 Incremental Localized PM_{2.5} Emissions from Construction Activities of the Maintenance Facility**

	<u>8–100 Meters</u>	<u>0.09609</u>	<u>10.4</u>	<u>No</u>
	<u>7–100 Meters</u>	<u>0.09481</u>	<u>10.4</u>	<u>No</u>
	<u>6–100 Meters</u>	<u>0.07041</u>	<u>10.4</u>	<u>No</u>
	<u>14–150 Meters</u>	<u>0.07359</u>	<u>10.4</u>	<u>No</u>
	<u>15–180 Meters</u>	<u>0.05619</u>	<u>10.4</u>	<u>No</u>
	<u>16–200 Meters</u>	<u>0.043438</u>	<u>10.4</u>	<u>No</u>
	<u>10–200 Meters</u>	<u>0.04984</u>	<u>10.4</u>	<u>No</u>
	<u>11–200 Meters</u>	<u>0.057</u>	<u>10.4</u>	<u>No</u>
	<u>12–200 Meters</u>	<u>0.05765</u>	<u>10.4</u>	<u>No</u>
	<u>13–200 Meters</u>	<u>0.0536</u>	<u>10.4</u>	<u>No</u>
	<u>17–300 Meters</u>	<u>0.02925</u>	<u>10.4</u>	<u>No</u>
<u>PM_{2.5} Annual</u>	<u>4–25 Meters</u>	<u>0.06235</u>	<u>1.00</u>	<u>No</u>
	<u>3–25 Meters</u>	<u>0.06131</u>	<u>1.00</u>	<u>No</u>
	<u>2–25 Meters</u>	<u>0.05223</u>	<u>1.00</u>	<u>No</u>
	<u>1–25 Meters</u>	<u>0.01595</u>	<u>1.00</u>	<u>No</u>
	<u>5–25 Meters</u>	<u>0.0619</u>	<u>1.00</u>	<u>No</u>
	<u>9–100 Meters</u>	<u>0.02173</u>	<u>1.00</u>	<u>No</u>
	<u>8–100 Meters</u>	<u>0.01993</u>	<u>1.00</u>	<u>No</u>
	<u>7–100 Meters</u>	<u>0.01516</u>	<u>1.00</u>	<u>No</u>
	<u>6–100 Meters</u>	<u>0.0731</u>	<u>1.00</u>	<u>No</u>
	<u>14–150 Meters</u>	<u>0.02109</u>	<u>1.00</u>	<u>No</u>
	<u>15–180 Meters</u>	<u>0.01606</u>	<u>1.00</u>	<u>No</u>
	<u>16–200 Meters</u>	<u>0.01115</u>	<u>1.00</u>	<u>No</u>
	<u>10–200 Meters</u>	<u>0.00421</u>	<u>1.00</u>	<u>No</u>
	<u>11–200 Meters</u>	<u>0.0064</u>	<u>1.00</u>	<u>No</u>
	<u>12–200 Meters</u>	<u>0.00874</u>	<u>1.00</u>	<u>No</u>
	<u>13–200 Meters</u>	<u>0.00971</u>	<u>1.00</u>	<u>No</u>
	<u>17–300 Meters</u>	<u>0.00614</u>	<u>1.00</u>	<u>No</u>
<u>Grading Stage</u>				
<u>PM_{2.5} 24 Hr</u>	<u>4–25 Meters</u>	<u>1.00E-05</u>	<u>10.4</u>	<u>No</u>
	<u>3–25 Meters</u>	<u>1.00E-05</u>	<u>10.4</u>	<u>No</u>
	<u>2–25 Meters</u>	<u>1.00E-05</u>	<u>10.4</u>	<u>No</u>
	<u>1–25 Meters</u>	<u>1.00E-05</u>	<u>10.4</u>	<u>No</u>
	<u>5–25 Meters</u>	<u>1.00E-05</u>	<u>10.4</u>	<u>No</u>
	<u>9–100 Meters</u>	<u>1.00E-05</u>	<u>10.4</u>	<u>No</u>
	<u>8–100 Meters</u>	<u>1.00E-05</u>	<u>10.4</u>	<u>No</u>

**Table 4-12 Incremental Localized PM_{2.5} Emissions from Construction Activities of the Maintenance Facility**

	7–100 Meters	1.00E-05	10.4	No
	6–100 Meters	1.00E-05	10.4	No
	14–150 Meters	1.00E-05	10.4	No
	15–180 Meters	0.00E+00	10.4	No
	16–200 Meters	0.00E+00	10.4	No
	10–200 Meters	0.00E+00	10.4	No
	11–200 Meters	0.00E+00	10.4	No
	12–200 Meters	0.00E+00	10.4	No
	13–200 Meters	0.00E+00	10.4	No
	17–300 Meters	0.00E+00	10.4	No
PM_{2.5} Annual	4–25 Meters	0.00E+00	1.00	No
	3–25 Meters	0.00E+00	1.00	No
	2–25 Meters	0.00E+00	1.00	No
	1–25 Meters	0.00E+00	1.00	No
	5–25 Meters	0.00E+00	1.00	No
	9–100 Meters	0.00E+00	1.00	No
	8–100 Meters	0.00E+00	1.00	No
	7–100 Meters	0.00E+00	1.00	No
	6–100 Meters	0.00E+00	1.00	No
	14–150 Meters	0.00E+00	1.00	No
	15–180 Meters	0.00E+00	1.00	No
	16–200 Meters	0.00E+00	1.00	No
	10–200 Meters	0.00E+00	1.00	No
	11–200 Meters	0.00E+00	1.00	No
	12–200 Meters	0.00E+00	1.00	No
	13–200 Meters	0.00E+00	1.00	No
	17–300 Meters	0.00E+00	1.00	No
<u>Remaining Construction Stage</u>				
PM_{2.5} 24 Hr	4–25 Meters	1.00E-05	10.4	No
	3–25 Meters	1.00E-05	10.4	No
	2–25 Meters	1.00E-05	10.4	No
	1–25 Meters	1.00E-05	10.4	No
	5–25 Meters	1.00E-05	10.4	No
	9–100 Meters	1.00E-05	10.4	No
	8–100 Meters	1.00E-05	10.4	No
	7–100 Meters	1.00E-05	10.4	No

**Table 4-12 Incremental Localized PM_{2.5} Emissions from Construction Activities of the Maintenance Facility**

	6–100 Meters	1.00E-05	10.4	No
	14–150 Meters	1.00E-05	10.4	No
	15–180 Meters	0.00E+00	10.4	No
	16–200 Meters	0.00E+00	10.4	No
	10–200 Meters	0.00E+00	10.4	No
	11–200 Meters	0.00E+00	10.4	No
	12–200 Meters	0.00E+00	10.4	No
	13–200 Meters	0.00E+00	10.4	No
	17–300 Meters	0.00E+00	10.4	No
PM_{2.5} Annual	4–25 Meters	0.00E+00	1.00	No
	3–25 Meters	0.00E+00	1.00	No
	2–25 Meters	0.00E+00	1.00	No
	1–25 Meters	0.00E+00	1.00	No
	5–25 Meters	0.00E+00	1.00	No
	9–100 Meters	0.00E+00	1.00	No
	8–100 Meters	0.00E+00	1.00	No
	7–100 Meters	0.00E+00	1.00	No
	6–100 Meters	0.00E+00	1.00	No
	14–150 Meters	0.00E+00	1.00	No
	15–180 Meters	0.00E+00	1.00	No
	16–200 Meters	0.00E+00	1.00	No
	10–200 Meters	0.00E+00	1.00	No
	11–200 Meters	0.00E+00	1.00	No
	12–200 Meters	0.00E+00	1.00	No
	13–200 Meters	0.00E+00	1.00	No
	17–300 Meters	0.00E+00	1.00	No

SOURCE: PBS&J; ISC-Prime (Lakes Environmental Software, AERMOD View version 6.0.0, 2009).

* Some concentrations were below the reporting sensitivity of the ISC3-Prime model and therefore show up as "0.00" concentration. Concentrations this low are negligible.

As mentioned previously, LSTs have been developed by the SCAQMD to determine maximum allowable concentrations of criteria air pollutants for projects. Project areas less than 5 acres in size may utilize the SCAQMD Mass-Rate Lookup Tables and Significance Guidance. Emissions of CO, NO₂, PM₁₀, and PM_{2.5} from construction activities were estimated for each project construction phase using the SCAQMD Mass-Rate Look-Up Tables and Significance Guidance, as shown in Table 4-5 through Table 4-9. Localized standards for CO, NO₂, PM₁₀, and PM_{2.5} would not be violated for any sensitive receptors during construction of the LRT Alternatives, as long as the BACM's discussed under Impact AQ-2 or equivalent measures are incorporated.

With incorporation of the identified BACMs or equivalent emission reducing measures, **no adverse affect** would occur as a result of localized construction emissions.

FEIR Design Options

Construction LST evaluations were analyzed for the Sepulveda Boulevard Grade Separation Design Option and the Maintenance Facility Buffer Design Option. Construction for these project segments include numerous phases, some which overlap. LST thresholds for these sites were chosen due to the fact that these areas would have daily activities associated with implementation of the proposed project, that the nearest residential receptors are located 25 meters or closer to the project features and these features are located within the SCAQMD's Source-Receptor Area #2 (Northwest Coastal LA County).

As shown in Table 4-13 (Incremental Localized Emissions from Construction Activities of the Sepulveda Boulevard Grade Separation Design Option) with incorporation of the identified BACMs, all emissions will be reduced to below the SCAQMD thresholds of significance. Therefore construction of the Sepulveda Boulevard Grade Separation Design option would have **no adverse effect** with respect the LST emissions.

It should be noted that implementation of the Expo/Westwood Station No Parking Design Option would slightly reduce the construction footprint, thereby reducing the already **less than significant** total emissions.

Table 4-13 Incremental Localized Emissions from Construction Activities of the Sepulveda Boulevard Grade Separation Design Option

<u>Distance</u>	<u>CO (lbs/day)</u>		<u>NO₂ (lbs/day)</u>		<u>PM₁₀ (lbs/day)</u>		<u>PM_{2.5} (lbs/day)</u>	
	<u>B*</u>	<u>A**</u>	<u>B*</u>	<u>A**</u>	<u>B*</u>	<u>A**</u>	<u>B*</u>	<u>A**</u>
<u>Peak Daily On-site Emissions</u>	<u>26.85</u>	<u>26.85</u>	<u>54.85</u>	<u>54.85</u>	<u>16.10</u>	<u>3.95</u>	<u>4.52</u>	<u>2.42</u>
<u>Allowable emissions at 25 meters</u>	<u>554</u>		<u>114</u>		<u>4</u>		<u>3</u>	
<u>Allowable emissions at 50 meters</u>	<u>833</u>		<u>116</u>		<u>12</u>		<u>4</u>	
<u>Allowable emissions at 100 meters</u>	<u>1,233</u>		<u>134</u>		<u>27</u>		<u>5</u>	
<u>Allowable emissions at 200 meters</u>	<u>2,367</u>		<u>174</u>		<u>57</u>		<u>18</u>	
<u>Allowable emissions at 500 meters</u>	<u>7,724</u>		<u>273</u>		<u>146</u>		<u>77</u>	
<u>Exceed Allowable emissions?</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes</u>	<u>No</u>	<u>Yes</u>	<u>No</u>

SOURCE: PBS&J; ISC-Prime (Lakes Environmental Software, AERMOD View version 6.0.0, 2009).

* B column for each criteria pollutant under peak daily on-site emissions shows emissions BEFORE BACMs are incorporated.

** A column for each criteria pollutant under peak daily on-site emissions shows emissions AFTER BACMs are incorporated.

The Maintenance Facility Buffer Design Option varies from the maintenance facility by situating the maintenance facility further to the west along Stewart Street and places the visitor and employee parking along the eastern edge of the site. The site also institutes a 100- to 110-foot buffer between the majority of the site and the residential properties to the south. The portion of the site where the facility building is situated will be directly adjacent to Exposition Blvd. Dispersion modeling for the Maintenance Facility Buffer Design Option was performed, using the same assumptions, methodology, and significance criteria, as the original Maintenance

Facility Alternative to determine whether construction activities associated with the maintenance facility buffer design option would expose sensitive receptors to substantial pollutant concentrations. Worst-case emissions for the demolition, grading, and remaining construction stages of the maintenance facility buffer design option are included in Table 4-14 (Incremental Localized CO Emissions from Construction Activities of the Maintenance Facility Buffer Design Option) through Table 4-17 (Incremental Localized PM_{2.5} Emissions from Construction Activities of the Maintenance Facility Buffer Design Option) and are compared to LSTs for SRA 2. As shown in Table 4-14 (Incremental Localized CO Emissions from Construction Activities of the Maintenance Facility Buffer Design Option) through Table 4-17 (Incremental Localized PM_{2.5} Emissions from Construction Activities of the Maintenance Facility Buffer Design Option), with incorporation of the identified BACMs or equivalent emission reducing measures, ***no adverse affect*** would occur as a result of localized construction emissions from the Maintenance Facility Buffer Design Option.

Table 4-14 Incremental Localized CO Emissions from Construction Activities of the Maintenance Facility Buffer Design Option

<u>Pollutant and Averaging Time</u>	<u>Receptor Location (Distance of Construction Site to Receptor)</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)*</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
Demolition Stage						
<u>CO, 1-hour</u>	<u>4 (25 Meters)</u>	<u>3</u>	<u>9.62E-08</u>	<u>3.000000096</u>	<u>20</u>	<u>No</u>
	<u>3 (25 Meters)</u>	<u>3</u>	<u>8.74E-08</u>	<u>3.000000087</u>	<u>20</u>	<u>No</u>
	<u>2 (25 Meters)</u>	<u>3</u>	<u>8.74E-08</u>	<u>3.000000087</u>	<u>20</u>	<u>No</u>
	<u>1 (25 Meters)</u>	<u>3</u>	<u>8.74E-08</u>	<u>3.000000087</u>	<u>20</u>	<u>No</u>
	<u>5 (25 Meters)</u>	<u>3</u>	<u>1.14E-07</u>	<u>3.000000114</u>	<u>20</u>	<u>No</u>
	<u>9 (100 Meters)</u>	<u>3</u>	<u>5.25E-08</u>	<u>3.000000052</u>	<u>20</u>	<u>No</u>
	<u>8 (100 Meters)</u>	<u>3</u>	<u>4.37E-08</u>	<u>3.000000044</u>	<u>20</u>	<u>No</u>
	<u>7 (100 Meters)</u>	<u>3</u>	<u>4.37E-08</u>	<u>3.000000044</u>	<u>20</u>	<u>No</u>
	<u>6 (100 Meters)</u>	<u>3</u>	<u>5.25E-08</u>	<u>3.000000052</u>	<u>20</u>	<u>No</u>
	<u>14 (150 Meters)</u>	<u>3</u>	<u>7.87E-08</u>	<u>3.000000079</u>	<u>20</u>	<u>No</u>
	<u>15 (180 Meters)</u>	<u>3</u>	<u>6.99E-08</u>	<u>3.000000070</u>	<u>20</u>	<u>No</u>
	<u>16 (200 Meters)</u>	<u>3</u>	<u>5.25E-08</u>	<u>3.000000052</u>	<u>20</u>	<u>No</u>
	<u>10 (200 Meters)</u>	<u>3</u>	<u>3.50E-08</u>	<u>3.000000035</u>	<u>20</u>	<u>No</u>
	<u>11 (200 Meters)</u>	<u>3</u>	<u>3.50E-08</u>	<u>3.000000035</u>	<u>20</u>	<u>No</u>
	<u>12 (200 Meters)</u>	<u>3</u>	<u>3.50E-08</u>	<u>3.000000035</u>	<u>20</u>	<u>No</u>
	<u>13 (200 Meters)</u>	<u>3</u>	<u>3.50E-08</u>	<u>3.000000035</u>	<u>20</u>	<u>No</u>
	<u>17 (300 Meters)</u>	<u>3</u>	<u>3.50E-08</u>	<u>3.000000035</u>	<u>20</u>	<u>No</u>
<u>CO, 8-hour</u>	<u>4 (25 Meters)</u>	<u>2</u>	<u>1.75E-08</u>	<u>2.000000017</u>	<u>9</u>	<u>No</u>
	<u>3 (25 Meters)</u>	<u>2</u>	<u>1.75E-08</u>	<u>2.000000017</u>	<u>9</u>	<u>No</u>

Table 4-14 Incremental Localized CO Emissions from Construction Activities of the Maintenance Facility Buffer Design Option

<u>Pollutant and Averaging Time</u>	<u>Receptor Location (Distance of Construction Site to Receptor)</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)*</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>2 (25 Meters)</u>	<u>2</u>	<u>8.74E-09</u>	<u>2.000000009</u>	<u>9</u>	<u>No</u>
	<u>1 (25 Meters)</u>	<u>2</u>	<u>0.00E+00</u>	<u>2.000000000</u>	<u>9</u>	<u>No</u>
	<u>5 (25 Meters)</u>	<u>2</u>	<u>1.75E-08</u>	<u>2.000000017</u>	<u>9</u>	<u>No</u>
	<u>9 (100 Meters)</u>	<u>2</u>	<u>8.74E-09</u>	<u>2.000000009</u>	<u>9</u>	<u>No</u>
	<u>8 (100 Meters)</u>	<u>2</u>	<u>8.74E-09</u>	<u>2.000000009</u>	<u>9</u>	<u>No</u>
	<u>7 (100 Meters)</u>	<u>2</u>	<u>0.00E+00</u>	<u>2.000000000</u>	<u>9</u>	<u>No</u>
	<u>6 (100 Meters)</u>	<u>2</u>	<u>0.00E+00</u>	<u>2.000000000</u>	<u>9</u>	<u>No</u>
	<u>14 (150 Meters)</u>	<u>2</u>	<u>8.74E-09</u>	<u>2.000000009</u>	<u>9</u>	<u>No</u>
	<u>15 (180 Meters)</u>	<u>2</u>	<u>8.74E-09</u>	<u>2.000000009</u>	<u>9</u>	<u>No</u>
	<u>16 (200 Meters)</u>	<u>2</u>	<u>0.00E+00</u>	<u>2.000000000</u>	<u>9</u>	<u>No</u>
	<u>10 (200 Meters)</u>	<u>2</u>	<u>0.00E+00</u>	<u>2.000000000</u>	<u>9</u>	<u>No</u>
	<u>11 (200 Meters)</u>	<u>2</u>	<u>0.00E+00</u>	<u>2.000000000</u>	<u>9</u>	<u>No</u>
	<u>12 (200 Meters)</u>	<u>2</u>	<u>0.00E+00</u>	<u>2.000000000</u>	<u>9</u>	<u>No</u>
	<u>13 (200 Meters)</u>	<u>2</u>	<u>0.00E+00</u>	<u>2.000000000</u>	<u>9</u>	<u>No</u>
	<u>17 (300 Meters)</u>	<u>2</u>	<u>0.00E+00</u>	<u>2.000000000</u>	<u>9</u>	<u>No</u>
<u>Grading Stage</u>						
<u>CO, 1-hour</u>	<u>4 (25 Meters)</u>	<u>3</u>	<u>1.14E-07</u>	<u>3.000000114</u>	<u>20</u>	<u>No</u>
	<u>3 (25 Meters)</u>	<u>3</u>	<u>9.62E-08</u>	<u>3.000000096</u>	<u>20</u>	<u>No</u>
	<u>2 (25 Meters)</u>	<u>3</u>	<u>9.62E-08</u>	<u>3.000000096</u>	<u>20</u>	<u>No</u>
	<u>1 (25 Meters)</u>	<u>3</u>	<u>1.05E-07</u>	<u>3.000000105</u>	<u>20</u>	<u>No</u>
	<u>5 (25 Meters)</u>	<u>3</u>	<u>1.31E-07</u>	<u>3.000000131</u>	<u>20</u>	<u>No</u>
	<u>9 (100 Meters)</u>	<u>3</u>	<u>8.74E-08</u>	<u>3.000000087</u>	<u>20</u>	<u>No</u>
	<u>8 (100 Meters)</u>	<u>3</u>	<u>7.87E-08</u>	<u>3.000000079</u>	<u>20</u>	<u>No</u>
	<u>7 (100 Meters)</u>	<u>3</u>	<u>6.12E-08</u>	<u>3.000000061</u>	<u>20</u>	<u>No</u>
	<u>6 (100 Meters)</u>	<u>3</u>	<u>6.12E-08</u>	<u>3.000000061</u>	<u>20</u>	<u>No</u>
	<u>14 (150 Meters)</u>	<u>3</u>	<u>5.25E-08</u>	<u>3.000000052</u>	<u>20</u>	<u>No</u>
	<u>15 (180 Meters)</u>	<u>3</u>	<u>5.25E-08</u>	<u>3.000000052</u>	<u>20</u>	<u>No</u>
	<u>16 (200 Meters)</u>	<u>3</u>	<u>5.25E-08</u>	<u>3.000000052</u>	<u>20</u>	<u>No</u>
	<u>10 (200 Meters)</u>	<u>3</u>	<u>3.50E-08</u>	<u>3.000000035</u>	<u>20</u>	<u>No</u>
	<u>11 (200 Meters)</u>	<u>3</u>	<u>3.50E-08</u>	<u>3.000000035</u>	<u>20</u>	<u>No</u>
	<u>12 (200 Meters)</u>	<u>3</u>	<u>3.50E-08</u>	<u>3.000000035</u>	<u>20</u>	<u>No</u>

Table 4-14 Incremental Localized CO Emissions from Construction Activities of the Maintenance Facility Buffer Design Option

<u>Pollutant and Averaging Time</u>	<u>Receptor Location (Distance of Construction Site to Receptor)</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)*</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>13 (200 Meters)</u>	<u>3</u>	<u>3.50E-08</u>	<u>3.000000035</u>	<u>20</u>	<u>No</u>
	<u>17 (300 Meters)</u>	<u>3</u>	<u>4.37E-08</u>	<u>3.000000044</u>	<u>20</u>	<u>No</u>
<u>CO, 8-hour</u>	<u>4 (25 Meters)</u>	<u>2</u>	<u>9.62E-08</u>	<u>2.000000096</u>	<u>9</u>	<u>No</u>
	<u>3 (25 Meters)</u>	<u>2</u>	<u>8.74E-08</u>	<u>2.000000087</u>	<u>9</u>	<u>No</u>
	<u>2 (25 Meters)</u>	<u>2</u>	<u>7.87E-08</u>	<u>2.000000079</u>	<u>9</u>	<u>No</u>
	<u>1 (25 Meters)</u>	<u>2</u>	<u>6.12E-08</u>	<u>2.000000061</u>	<u>9</u>	<u>No</u>
	<u>5 (25 Meters)</u>	<u>2</u>	<u>9.62E-08</u>	<u>2.000000096</u>	<u>9</u>	<u>No</u>
	<u>9 (100 Meters)</u>	<u>2</u>	<u>5.25E-08</u>	<u>2.000000052</u>	<u>9</u>	<u>No</u>
	<u>8 (100 Meters)</u>	<u>2</u>	<u>4.37E-08</u>	<u>2.000000044</u>	<u>9</u>	<u>No</u>
	<u>7 (100 Meters)</u>	<u>2</u>	<u>3.50E-08</u>	<u>2.000000035</u>	<u>9</u>	<u>No</u>
	<u>6 (100 Meters)</u>	<u>2</u>	<u>4.37E-08</u>	<u>2.000000044</u>	<u>9</u>	<u>No</u>
	<u>14 (150 Meters)</u>	<u>2</u>	<u>4.37E-08</u>	<u>2.000000044</u>	<u>9</u>	<u>No</u>
	<u>15 (180 Meters)</u>	<u>2</u>	<u>4.37E-08</u>	<u>2.000000044</u>	<u>9</u>	<u>No</u>
	<u>16 (200 Meters)</u>	<u>2</u>	<u>2.62E-08</u>	<u>2.000000026</u>	<u>9</u>	<u>No</u>
	<u>10 (200 Meters)</u>	<u>2</u>	<u>2.62E-08</u>	<u>2.000000026</u>	<u>9</u>	<u>No</u>
	<u>11 (200 Meters)</u>	<u>2</u>	<u>2.62E-08</u>	<u>2.000000026</u>	<u>9</u>	<u>No</u>
	<u>12 (200 Meters)</u>	<u>2</u>	<u>2.62E-08</u>	<u>2.000000026</u>	<u>9</u>	<u>No</u>
	<u>13 (200 Meters)</u>	<u>2</u>	<u>2.62E-08</u>	<u>2.000000026</u>	<u>9</u>	<u>No</u>
	<u>17 (300 Meters)</u>	<u>2</u>	<u>2.62E-08</u>	<u>2.000000026</u>	<u>9</u>	<u>No</u>
<u>Remaining Construction Stage</u>						
<u>CO, 1-hour</u>	<u>4 (25 Meters)</u>	<u>3</u>	<u>2.27E-07</u>	<u>3.000000227</u>	<u>20</u>	<u>No</u>
	<u>3 (25 Meters)</u>	<u>3</u>	<u>3.67E-07</u>	<u>3.000000367</u>	<u>20</u>	<u>No</u>
	<u>2 (25 Meters)</u>	<u>3</u>	<u>6.47E-07</u>	<u>3.000000647</u>	<u>20</u>	<u>No</u>
	<u>1 (25 Meters)</u>	<u>3</u>	<u>6.64E-07</u>	<u>3.000000664</u>	<u>20</u>	<u>No</u>
	<u>5 (25 Meters)</u>	<u>3</u>	<u>2.36E-07</u>	<u>3.000000236</u>	<u>20</u>	<u>No</u>
	<u>9 (100 Meters)</u>	<u>3</u>	<u>1.84E-07</u>	<u>3.000000184</u>	<u>20</u>	<u>No</u>
	<u>8 (100 Meters)</u>	<u>3</u>	<u>2.80E-07</u>	<u>3.000000280</u>	<u>20</u>	<u>No</u>
	<u>7 (100 Meters)</u>	<u>3</u>	<u>3.58E-07</u>	<u>3.000000358</u>	<u>20</u>	<u>No</u>
	<u>6 (100 Meters)</u>	<u>3</u>	<u>3.76E-07</u>	<u>3.000000376</u>	<u>20</u>	<u>No</u>
	<u>14 (150 Meters)</u>	<u>3</u>	<u>2.19E-07</u>	<u>3.000000219</u>	<u>20</u>	<u>No</u>

Table 4-14 Incremental Localized CO Emissions from Construction Activities of the Maintenance Facility Buffer Design Option

<u>Pollutant and Averaging Time</u>	<u>Receptor Location (Distance of Construction Site to Receptor)</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)*</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>15 (180 Meters)</u>	<u>3</u>	<u>1.75E-07</u>	<u>3.000000175</u>	<u>20</u>	<u>No</u>
	<u>16 (200 Meters)</u>	<u>3</u>	<u>1.40E-07</u>	<u>3.000000140</u>	<u>20</u>	<u>No</u>
	<u>10 (200 Meters)</u>	<u>3</u>	<u>2.27E-07</u>	<u>3.000000227</u>	<u>20</u>	<u>No</u>
	<u>11 (200 Meters)</u>	<u>3</u>	<u>2.27E-07</u>	<u>3.000000227</u>	<u>20</u>	<u>No</u>
	<u>12 (200 Meters)</u>	<u>3</u>	<u>1.92E-07</u>	<u>3.000000192</u>	<u>20</u>	<u>No</u>
	<u>13 (200 Meters)</u>	<u>3</u>	<u>1.49E-07</u>	<u>3.000000149</u>	<u>20</u>	<u>No</u>
	<u>17 (300 Meters)</u>	<u>3</u>	<u>1.14E-07</u>	<u>3.000000114</u>	<u>20</u>	<u>No</u>
<u>CO, 8-hour</u>	<u>4 (25 Meters)</u>	<u>2</u>	<u>1.75E-07</u>	<u>2.000000175</u>	<u>9</u>	<u>No</u>
	<u>3 (25 Meters)</u>	<u>2</u>	<u>2.27E-07</u>	<u>2.000000227</u>	<u>9</u>	<u>No</u>
	<u>2 (25 Meters)</u>	<u>2</u>	<u>5.25E-07</u>	<u>2.000000525</u>	<u>9</u>	<u>No</u>
	<u>1 (25 Meters)</u>	<u>2</u>	<u>3.41E-07</u>	<u>2.000000341</u>	<u>9</u>	<u>No</u>
	<u>5 (25 Meters)</u>	<u>2</u>	<u>1.84E-07</u>	<u>2.000000184</u>	<u>9</u>	<u>No</u>
	<u>9 (100 Meters)</u>	<u>2</u>	<u>1.22E-07</u>	<u>2.000000122</u>	<u>9</u>	<u>No</u>
	<u>8 (100 Meters)</u>	<u>2</u>	<u>1.75E-07</u>	<u>2.000000175</u>	<u>9</u>	<u>No</u>
	<u>7 (100 Meters)</u>	<u>2</u>	<u>2.19E-07</u>	<u>2.000000219</u>	<u>9</u>	<u>No</u>
	<u>6 (100 Meters)</u>	<u>2</u>	<u>2.27E-07</u>	<u>2.000000227</u>	<u>9</u>	<u>No</u>
	<u>14 (150 Meters)</u>	<u>2</u>	<u>1.31E-07</u>	<u>2.000000131</u>	<u>9</u>	<u>No</u>
	<u>15 (180 Meters)</u>	<u>2</u>	<u>1.05E-07</u>	<u>2.000000105</u>	<u>9</u>	<u>No</u>
	<u>16 (200 Meters)</u>	<u>2</u>	<u>7.87E-08</u>	<u>2.000000079</u>	<u>9</u>	<u>No</u>
	<u>10 (200 Meters)</u>	<u>2</u>	<u>1.31E-07</u>	<u>2.000000131</u>	<u>9</u>	<u>No</u>
	<u>11 (200 Meters)</u>	<u>2</u>	<u>1.31E-07</u>	<u>2.000000131</u>	<u>9</u>	<u>No</u>
	<u>12 (200 Meters)</u>	<u>2</u>	<u>1.05E-07</u>	<u>2.000000105</u>	<u>9</u>	<u>No</u>
	<u>13 (200 Meters)</u>	<u>2</u>	<u>8.74E-08</u>	<u>2.000000087</u>	<u>9</u>	<u>No</u>
	<u>17 (300 Meters)</u>	<u>2</u>	<u>6.12E-08</u>	<u>2.000000061</u>	<u>9</u>	<u>No</u>

SOURCE: PBS&J; ISC-Prime (Lakes Environmental Software, AERMOD View version 6.0.0, 2009).

* Some concentrations were below the reporting sensitivity of the ISC3-Prime model and therefore show up as "0.00" concentration. Concentrations this low are negligible.

**Table 4-15 Incremental Localized NO₂ Emissions from Construction Activities of the Maintenance Facility Buffer Design Option**

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)*</u>	<u>Total Impact (Background + Project) (ppm)*</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
<u>Demolition Stage</u>						
<u>NO₂, 1-hour</u>	<u>4 (25 Meters)</u>	<u>0.09</u>	<u>6.21E-09</u>	<u>0.090000006</u>	<u>0.18</u>	<u>No</u>
	<u>3 (25 Meters)</u>	<u>0.09</u>	<u>5.08E-09</u>	<u>0.090000005</u>	<u>0.18</u>	<u>No</u>
	<u>2 (25 Meters)</u>	<u>0.09</u>	<u>5.36E-09</u>	<u>0.090000005</u>	<u>0.18</u>	<u>No</u>
	<u>1 (25 Meters)</u>	<u>0.09</u>	<u>5.64E-09</u>	<u>0.090000006</u>	<u>0.18</u>	<u>No</u>
	<u>5 (25 Meters)</u>	<u>0.09</u>	<u>6.77E-09</u>	<u>0.090000007</u>	<u>0.18</u>	<u>No</u>
	<u>9 (100 Meters)</u>	<u>0.09</u>	<u>4.33E-09</u>	<u>0.090000004</u>	<u>0.18</u>	<u>No</u>
	<u>8 (100 Meters)</u>	<u>0.09</u>	<u>3.94E-09</u>	<u>0.090000004</u>	<u>0.18</u>	<u>No</u>
	<u>7 (100 Meters)</u>	<u>0.09</u>	<u>3.94E-09</u>	<u>0.090000004</u>	<u>0.18</u>	<u>No</u>
	<u>6 (100 Meters)</u>	<u>0.09</u>	<u>4.33E-09</u>	<u>0.090000004</u>	<u>0.18</u>	<u>No</u>
	<u>14 (150 Meters)</u>	<u>0.09</u>	<u>8.51E-09</u>	<u>0.090000009</u>	<u>0.18</u>	<u>No</u>
	<u>15 (180 Meters)</u>	<u>0.09</u>	<u>8.46E-09</u>	<u>0.090000008</u>	<u>0.18</u>	<u>No</u>
	<u>16 (200 Meters)</u>	<u>0.09</u>	<u>7.28E-09</u>	<u>0.090000007</u>	<u>0.18</u>	<u>No</u>
	<u>10 (200 Meters)</u>	<u>0.09</u>	<u>4.25E-09</u>	<u>0.090000004</u>	<u>0.18</u>	<u>No</u>
	<u>11 (200 Meters)</u>	<u>0.09</u>	<u>4.25E-09</u>	<u>0.090000004</u>	<u>0.18</u>	<u>No</u>
	<u>12 (200 Meters)</u>	<u>0.09</u>	<u>4.25E-09</u>	<u>0.090000004</u>	<u>0.18</u>	<u>No</u>
	<u>13 (200 Meters)</u>	<u>0.09</u>	<u>4.25E-09</u>	<u>0.090000004</u>	<u>0.18</u>	<u>No</u>
	<u>17 (300 Meters)</u>	<u>0.09</u>	<u>6.90E-09</u>	<u>0.090000007</u>	<u>0.18</u>	<u>No</u>
<u>NO₂, Annual</u>	<u>4 (25 Meters)</u>	<u>0.0190</u>	<u>8.46E-10</u>	<u>0.019000001</u>	<u>0.03</u>	<u>No</u>
	<u>3 (25 Meters)</u>	<u>0.0190</u>	<u>8.46E-10</u>	<u>0.019000001</u>	<u>0.03</u>	<u>No</u>
	<u>2 (25 Meters)</u>	<u>0.0190</u>	<u>5.64E-10</u>	<u>0.019000001</u>	<u>0.03</u>	<u>No</u>
	<u>1 (25 Meters)</u>	<u>0.0190</u>	<u>2.82E-10</u>	<u>0.019000000</u>	<u>0.03</u>	<u>No</u>
	<u>5 (25 Meters)</u>	<u>0.0190</u>	<u>8.46E-10</u>	<u>0.019000001</u>	<u>0.03</u>	<u>No</u>
	<u>9 (100 Meters)</u>	<u>0.0190</u>	<u>3.94E-10</u>	<u>0.019000000</u>	<u>0.03</u>	<u>No</u>
	<u>8 (100 Meters)</u>	<u>0.0190</u>	<u>3.94E-10</u>	<u>0.019000000</u>	<u>0.03</u>	<u>No</u>
	<u>7 (100 Meters)</u>	<u>0.0190</u>	<u>3.94E-10</u>	<u>0.019000000</u>	<u>0.03</u>	<u>No</u>
	<u>6 (100 Meters)</u>	<u>0.0190</u>	<u>0.00E+00</u>	<u>0.019000000</u>	<u>0.03</u>	<u>No</u>
	<u>14 (150 Meters)</u>	<u>0.0190</u>	<u>1.00E-09</u>	<u>0.019000001</u>	<u>0.03</u>	<u>No</u>
	<u>15 (180 Meters)</u>	<u>0.0190</u>	<u>5.64E-10</u>	<u>0.019000001</u>	<u>0.03</u>	<u>No</u>
	<u>16 (200 Meters)</u>	<u>0.0190</u>	<u>6.07E-10</u>	<u>0.019000001</u>	<u>0.03</u>	<u>No</u>
	<u>10 (200 Meters)</u>	<u>0.0190</u>	<u>0.00E+00</u>	<u>0.019000000</u>	<u>0.03</u>	<u>No</u>
	<u>11 (200 Meters)</u>	<u>0.0190</u>	<u>0.00E+00</u>	<u>0.019000000</u>	<u>0.03</u>	<u>No</u>

Table 4-15 Incremental Localized NO₂ Emissions from Construction Activities of the Maintenance Facility Buffer Design Option

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)*</u>	<u>Total Impact (Background + Project) (ppm)*</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>12 (200 Meters)</u>	<u>0.0190</u>	<u>6.07E-10</u>	<u>0.019000001</u>	<u>0.03</u>	<u>No</u>
	<u>13 (200 Meters)</u>	<u>0.0190</u>	<u>6.07E-10</u>	<u>0.019000001</u>	<u>0.03</u>	<u>No</u>
	<u>17 (300 Meters)</u>	<u>0.0190</u>	<u>0.00E+00</u>	<u>0.019000000</u>	<u>0.03</u>	<u>No</u>
<u>Grading Stage</u>						
<u>NO₂, 1-hour</u>	<u>4 (25 Meters)</u>	<u>0.09</u>	<u>7.05E-09</u>	<u>0.090000007</u>	<u>0.18</u>	<u>No</u>
	<u>3 (25 Meters)</u>	<u>0.09</u>	<u>6.21E-09</u>	<u>0.090000006</u>	<u>0.18</u>	<u>No</u>
	<u>2 (25 Meters)</u>	<u>0.09</u>	<u>6.21E-09</u>	<u>0.090000006</u>	<u>0.18</u>	<u>No</u>
	<u>1 (25 Meters)</u>	<u>0.09</u>	<u>6.49E-09</u>	<u>0.090000006</u>	<u>0.18</u>	<u>No</u>
	<u>5 (25 Meters)</u>	<u>0.09</u>	<u>8.18E-09</u>	<u>0.090000008</u>	<u>0.18</u>	<u>No</u>
	<u>9 (100 Meters)</u>	<u>0.09</u>	<u>1.00E-08</u>	<u>0.090000010</u>	<u>0.18</u>	<u>No</u>
	<u>8 (100 Meters)</u>	<u>0.09</u>	<u>9.59E-09</u>	<u>0.090000010</u>	<u>0.18</u>	<u>No</u>
	<u>7 (100 Meters)</u>	<u>0.09</u>	<u>8.50E-10</u>	<u>0.090000001</u>	<u>0.18</u>	<u>No</u>
	<u>6 (100 Meters)</u>	<u>0.09</u>	<u>5.12E-09</u>	<u>0.090000005</u>	<u>0.18</u>	<u>No</u>
	<u>14 (150 Meters)</u>	<u>0.09</u>	<u>4.73E-09</u>	<u>0.090000005</u>	<u>0.18</u>	<u>No</u>
	<u>15 (180 Meters)</u>	<u>0.09</u>	<u>4.73E-09</u>	<u>0.090000005</u>	<u>0.18</u>	<u>No</u>
	<u>16 (200 Meters)</u>	<u>0.09</u>	<u>5.12E-09</u>	<u>0.090000005</u>	<u>0.18</u>	<u>No</u>
	<u>10 (200 Meters)</u>	<u>0.09</u>	<u>4.85E-09</u>	<u>0.090000005</u>	<u>0.18</u>	<u>No</u>
	<u>11 (200 Meters)</u>	<u>0.09</u>	<u>4.85E-09</u>	<u>0.090000005</u>	<u>0.18</u>	<u>No</u>
	<u>12 (200 Meters)</u>	<u>0.09</u>	<u>4.85E-09</u>	<u>0.090000005</u>	<u>0.18</u>	<u>No</u>
	<u>13 (200 Meters)</u>	<u>0.09</u>	<u>5.46E-09</u>	<u>0.090000005</u>	<u>0.18</u>	<u>No</u>
	<u>17 (300 Meters)</u>	<u>0.09</u>	<u>7.76E-09</u>	<u>0.090000008</u>	<u>0.18</u>	<u>No</u>
<u>NO₂, Annual</u>	<u>4 (25 Meters)</u>	<u>0.0190</u>	<u>1.13E-09</u>	<u>0.019000001</u>	<u>0.03</u>	<u>No</u>
	<u>3 (25 Meters)</u>	<u>0.0190</u>	<u>8.46E-10</u>	<u>0.019000001</u>	<u>0.03</u>	<u>No</u>
	<u>2 (25 Meters)</u>	<u>0.0190</u>	<u>8.46E-10</u>	<u>0.019000001</u>	<u>0.03</u>	<u>No</u>
	<u>1 (25 Meters)</u>	<u>0.0190</u>	<u>2.82E-10</u>	<u>0.019000000</u>	<u>0.03</u>	<u>No</u>
	<u>5 (25 Meters)</u>	<u>0.0190</u>	<u>1.13E-09</u>	<u>0.019000001</u>	<u>0.03</u>	<u>No</u>
	<u>9 (100 Meters)</u>	<u>0.0190</u>	<u>1.00E-09</u>	<u>0.019000001</u>	<u>0.03</u>	<u>No</u>
	<u>8 (100 Meters)</u>	<u>0.0190</u>	<u>5.64E-10</u>	<u>0.019000001</u>	<u>0.03</u>	<u>No</u>
	<u>7 (100 Meters)</u>	<u>0.0190</u>	<u>6.07E-10</u>	<u>0.019000001</u>	<u>0.03</u>	<u>No</u>
	<u>6 (100 Meters)</u>	<u>0.0190</u>	<u>3.94E-10</u>	<u>0.019000000</u>	<u>0.03</u>	<u>No</u>
	<u>14 (150 Meters)</u>	<u>0.0190</u>	<u>3.94E-10</u>	<u>0.019000000</u>	<u>0.03</u>	<u>No</u>
	<u>15 (180 Meters)</u>	<u>0.0190</u>	<u>3.94E-10</u>	<u>0.019000000</u>	<u>0.03</u>	<u>No</u>

Table 4-15 Incremental Localized NO₂ Emissions from Construction Activities of the Maintenance Facility Buffer Design Option

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)*</u>	<u>Total Impact (Background + Project) (ppm)*</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>16 (200 Meters)</u>	<u>0.0190</u>	<u>0.00E+00</u>	<u>0.019000000</u>	<u>0.03</u>	<u>No</u>
	<u>10 (200 Meters)</u>	<u>0.0190</u>	<u>0.00E+00</u>	<u>0.019000000</u>	<u>0.03</u>	<u>No</u>
	<u>11 (200 Meters)</u>	<u>0.0190</u>	<u>0.00E+00</u>	<u>0.019000000</u>	<u>0.03</u>	<u>No</u>
	<u>12 (200 Meters)</u>	<u>0.0190</u>	<u>6.07E-10</u>	<u>0.019000001</u>	<u>0.03</u>	<u>No</u>
	<u>13 (200 Meters)</u>	<u>0.0190</u>	<u>6.07E-10</u>	<u>0.019000001</u>	<u>0.03</u>	<u>No</u>
	<u>17 (300 Meters)</u>	<u>0.0190</u>	<u>8.62E-10</u>	<u>0.019000001</u>	<u>0.03</u>	<u>No</u>
<u>Remaining Construction Stage</u>						
<u>NO₂, 1-hour</u>	<u>4 (25 Meters)</u>	<u>0.09</u>	<u>1.33E-07</u>	<u>0.090000133</u>	<u>0.18</u>	<u>No</u>
	<u>3 (25 Meters)</u>	<u>0.09</u>	<u>2.13E-07</u>	<u>0.090000213</u>	<u>0.18</u>	<u>No</u>
	<u>2 (25 Meters)</u>	<u>0.09</u>	<u>3.73E-07</u>	<u>0.090000373</u>	<u>0.18</u>	<u>No</u>
	<u>1 (25 Meters)</u>	<u>0.09</u>	<u>3.82E-07</u>	<u>0.090000382</u>	<u>0.18</u>	<u>No</u>
	<u>5 (25 Meters)</u>	<u>0.09</u>	<u>1.34E-07</u>	<u>0.090000134</u>	<u>0.18</u>	<u>No</u>
	<u>9 (100 Meters)</u>	<u>0.09</u>	<u>1.48E-07</u>	<u>0.090000148</u>	<u>0.18</u>	<u>No</u>
	<u>8 (100 Meters)</u>	<u>0.09</u>	<u>2.28E-07</u>	<u>0.090000228</u>	<u>0.18</u>	<u>No</u>
	<u>7 (100 Meters)</u>	<u>0.09</u>	<u>2.91E-07</u>	<u>0.090000291</u>	<u>0.18</u>	<u>No</u>
	<u>6 (100 Meters)</u>	<u>0.09</u>	<u>3.00E-07</u>	<u>0.090000300</u>	<u>0.18</u>	<u>No</u>
	<u>14 (150 Meters)</u>	<u>0.09</u>	<u>2.22E-07</u>	<u>0.090000222</u>	<u>0.18</u>	<u>No</u>
	<u>15 (180 Meters)</u>	<u>0.09</u>	<u>2.02E-07</u>	<u>0.090000202</u>	<u>0.18</u>	<u>No</u>
	<u>16 (200 Meters)</u>	<u>0.09</u>	<u>1.75E-07</u>	<u>0.090000175</u>	<u>0.18</u>	<u>No</u>
	<u>10 (200 Meters)</u>	<u>0.09</u>	<u>2.82E-07</u>	<u>0.090000282</u>	<u>0.18</u>	<u>No</u>
	<u>11 (200 Meters)</u>	<u>0.09</u>	<u>2.80E-07</u>	<u>0.090000280</u>	<u>0.18</u>	<u>No</u>
	<u>12 (200 Meters)</u>	<u>0.09</u>	<u>2.43E-07</u>	<u>0.090000243</u>	<u>0.18</u>	<u>No</u>
	<u>13 (200 Meters)</u>	<u>0.09</u>	<u>1.87E-07</u>	<u>0.090000187</u>	<u>0.18</u>	<u>No</u>
	<u>17 (300 Meters)</u>	<u>0.09</u>	<u>1.96E-07</u>	<u>0.090000196</u>	<u>0.18</u>	<u>No</u>
<u>NO₂, Annual</u>	<u>4 (25 Meters)</u>	<u>0.0190</u>	<u>1.95E-08</u>	<u>0.019000019</u>	<u>0.03</u>	<u>No</u>
	<u>3 (25 Meters)</u>	<u>0.0190</u>	<u>2.62E-08</u>	<u>0.019000026</u>	<u>0.03</u>	<u>No</u>
	<u>2 (25 Meters)</u>	<u>0.0190</u>	<u>4.51E-08</u>	<u>0.019000045</u>	<u>0.03</u>	<u>No</u>
	<u>1 (25 Meters)</u>	<u>0.0190</u>	<u>1.72E-08</u>	<u>0.019000017</u>	<u>0.03</u>	<u>No</u>
	<u>5 (25 Meters)</u>	<u>0.0190</u>	<u>1.92E-08</u>	<u>0.019000019</u>	<u>0.03</u>	<u>No</u>
	<u>9 (100 Meters)</u>	<u>0.0190</u>	<u>1.38E-08</u>	<u>0.019000014</u>	<u>0.03</u>	<u>No</u>
	<u>8 (100 Meters)</u>	<u>0.0190</u>	<u>1.58E-08</u>	<u>0.019000016</u>	<u>0.03</u>	<u>No</u>
	<u>7 (100 Meters)</u>	<u>0.0190</u>	<u>1.85E-08</u>	<u>0.019000019</u>	<u>0.03</u>	<u>No</u>

**Table 4-15 Incremental Localized NO₂ Emissions from Construction Activities of the Maintenance Facility Buffer Design Option**

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)*</u>	<u>Total Impact (Background + Project) (ppm)*</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>6 (100 Meters)</u>	<u>0.0190</u>	<u>1.06E-08</u>	<u>0.019000011</u>	<u>0.03</u>	<u>No</u>
	<u>14 (150 Meters)</u>	<u>0.0190</u>	<u>1.95E-08</u>	<u>0.019000020</u>	<u>0.03</u>	<u>No</u>
	<u>15 (180 Meters)</u>	<u>0.0190</u>	<u>1.75E-08</u>	<u>0.019000017</u>	<u>0.03</u>	<u>No</u>
	<u>16 (200 Meters)</u>	<u>0.0190</u>	<u>1.40E-08</u>	<u>0.019000014</u>	<u>0.03</u>	<u>No</u>
	<u>10 (200 Meters)</u>	<u>0.0190</u>	<u>9.10E-09</u>	<u>0.019000009</u>	<u>0.03</u>	<u>No</u>
	<u>11 (200 Meters)</u>	<u>0.0190</u>	<u>1.15E-08</u>	<u>0.019000012</u>	<u>0.03</u>	<u>No</u>
	<u>12 (200 Meters)</u>	<u>0.0190</u>	<u>1.33E-08</u>	<u>0.019000013</u>	<u>0.03</u>	<u>No</u>
	<u>13 (200 Meters)</u>	<u>0.0190</u>	<u>1.15E-08</u>	<u>0.019000012</u>	<u>0.03</u>	<u>No</u>
	<u>17 (300 Meters)</u>	<u>0.0190</u>	<u>1.29E-08</u>	<u>0.019000013</u>	<u>0.03</u>	<u>No</u>

SOURCE: PBS&J; ISC-Prime (Lakes Environmental Software, AERMOD View version 6.0.0, 2009).

* Some concentrations were below the reporting sensitivity of the ISC3-Prime model and therefore show up as "0.00" concentration. Concentrations this low are negligible.

Table 4-16 Incremental Localized PM₁₀ Emissions from Construction Activities of the Maintenance Facility Buffer Design Option

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Maximum Incremental Project-Related Impact (µg/m³)*</u>	<u>Most Restrictive Air Quality Standard (µg/m³)</u>	<u>Significant Impact?</u>
<u>Demolition Stage</u>				
<u>PM₁₀ 24 Hr</u>	<u>4 (25 Meters)</u>	<u>0.8692</u>	<u>10.4</u>	<u>No</u>
	<u>3 (25 Meters)</u>	<u>0.8158</u>	<u>10.4</u>	<u>No</u>
	<u>2 (25 Meters)</u>	<u>0.8095</u>	<u>10.4</u>	<u>No</u>
	<u>1 (25 Meters)</u>	<u>0.3281</u>	<u>10.4</u>	<u>No</u>
	<u>5 (25 Meters)</u>	<u>0.7419</u>	<u>10.4</u>	<u>No</u>
	<u>9 (100 Meters)</u>	<u>0.3276</u>	<u>10.4</u>	<u>No</u>
	<u>8 (100 Meters)</u>	<u>0.3151</u>	<u>10.4</u>	<u>No</u>
	<u>7 (100 Meters)</u>	<u>0.3121</u>	<u>10.4</u>	<u>No</u>
	<u>6 (100 Meters)</u>	<u>0.2163</u>	<u>10.4</u>	<u>No</u>
	<u>14 (150 Meters)</u>	<u>0.2732</u>	<u>10.4</u>	<u>No</u>
	<u>15 (180 Meters)</u>	<u>0.2062</u>	<u>10.4</u>	<u>No</u>
	<u>16 (200 Meters)</u>	<u>0.1559</u>	<u>10.4</u>	<u>No</u>
	<u>10 (200 Meters)</u>	<u>0.1706</u>	<u>10.4</u>	<u>No</u>

**Table 4-16 Incremental Localized PM₁₀ Emissions from Construction Activities of the Maintenance Facility Buffer Design Option**

	11 (200 Meters)	0.1940	10.4	No
	12 (200 Meters)	0.1990	10.4	No
	13 (200 Meters)	0.1876	10.4	No
	17 (300 Meters)	0.1112	10.4	No
PM₁₀ Annual	4 (25 Meters)	0.2361	1.00	No
	3 (25 Meters)	0.2068	1.00	No
	2 (25 Meters)	0.1626	1.00	No
	1 (25 Meters)	0.0482	1.00	No
	5 (25 Meters)	0.2376	1.00	No
	9 (100 Meters)	0.0674	1.00	No
	8 (100 Meters)	0.0593	1.00	No
	7 (100 Meters)	0.0434	1.00	No
	6 (100 Meters)	0.0214	1.00	No
	14 (150 Meters)	0.0830	1.00	No
	15 (180 Meters)	0.0629	1.00	No
	16 (200 Meters)	0.0418	1.00	No
	10 (200 Meters)	0.0138	1.00	No
	11 (200 Meters)	0.0181	1.00	No
	12 (200 Meters)	0.0271	1.00	No
	13 (200 Meters)	0.0324	1.00	No
	17 (300 Meters)	0.0233	1.00	No
<u>Grading Stage</u>				
PM₁₀ 24 Hr	4 (25 Meters)	1.75560	10.4	No
	3 (25 Meters)	1.64774	10.4	No
	2 (25 Meters)	1.63488	10.4	No
	1 (25 Meters)	0.66269	10.4	No
	5 (25 Meters)	1.49846	10.4	No
	9 (100 Meters)	0.55171	10.4	No
	8 (100 Meters)	0.41640	10.4	No
	7 (100 Meters)	0.31480	10.4	No
	6 (100 Meters)	0.66171	10.4	No
	14 (150 Meters)	0.63641	10.4	No
	15 (180 Meters)	0.63033	10.4	No
	16 (200 Meters)	0.43680	10.4	No
	10 (200 Meters)	0.34459	10.4	No
	11 (200 Meters)	0.39182	10.4	No

**Table 4-16 Incremental Localized PM₁₀ Emissions from Construction Activities of the Maintenance Facility Buffer Design Option**

<u>PM₁₀ Annual</u>	<u>12 (200 Meters)</u>	<u>0.40198</u>	<u>10.4</u>	<u>No</u>
	<u>13 (200 Meters)</u>	<u>0.37893</u>	<u>10.4</u>	<u>No</u>
	<u>17 (300 Meters)</u>	<u>0.22464</u>	<u>10.4</u>	<u>No</u>
	<u>4 (25 Meters)</u>	<u>0.47690</u>	<u>1.00</u>	<u>No</u>
	<u>3 (25 Meters)</u>	<u>0.41761</u>	<u>1.00</u>	<u>No</u>
	<u>2 (25 Meters)</u>	<u>0.32835</u>	<u>1.00</u>	<u>No</u>
	<u>1 (25 Meters)</u>	<u>0.09743</u>	<u>1.00</u>	<u>No</u>
	<u>5 (25 Meters)</u>	<u>0.47984</u>	<u>1.00</u>	<u>No</u>
	<u>9 (100 Meters)</u>	<u>0.16756</u>	<u>1.00</u>	<u>No</u>
	<u>8 (100 Meters)</u>	<u>0.12710</u>	<u>1.00</u>	<u>No</u>
	<u>7 (100 Meters)</u>	<u>0.08433</u>	<u>1.00</u>	<u>No</u>
	<u>6 (100 Meters)</u>	<u>0.13602</u>	<u>1.00</u>	<u>No</u>
	<u>14 (150 Meters)</u>	<u>0.11984</u>	<u>1.00</u>	<u>No</u>
	<u>15 (180 Meters)</u>	<u>0.08757</u>	<u>1.00</u>	<u>No</u>
	<u>16 (200 Meters)</u>	<u>0.04330</u>	<u>1.00</u>	<u>No</u>
	<u>10 (200 Meters)</u>	<u>0.02785</u>	<u>1.00</u>	<u>No</u>
	<u>11 (200 Meters)</u>	<u>0.03647</u>	<u>1.00</u>	<u>No</u>
	<u>12 (200 Meters)</u>	<u>0.05482</u>	<u>1.00</u>	<u>No</u>
	<u>13 (200 Meters)</u>	<u>0.06543</u>	<u>1.00</u>	<u>No</u>
	<u>17 (300 Meters)</u>	<u>0.04712</u>	<u>1.00</u>	<u>No</u>
<u>Remaining Construction Stage</u>				
<u>PM₁₀ 24 Hr</u>	<u>4 (25 Meters)</u>	<u>1.00E-05</u>	<u>10.4</u>	<u>No</u>
	<u>3 (25 Meters)</u>	<u>1.00E-05</u>	<u>10.4</u>	<u>No</u>
	<u>2 (25 Meters)</u>	<u>2.00E-05</u>	<u>10.4</u>	<u>No</u>
	<u>1 (25 Meters)</u>	<u>2.00E-05</u>	<u>10.4</u>	<u>No</u>
	<u>5 (25 Meters)</u>	<u>1.00E-05</u>	<u>10.4</u>	<u>No</u>
	<u>9 (100 Meters)</u>	<u>1.00E-05</u>	<u>10.4</u>	<u>No</u>
	<u>8 (100 Meters)</u>	<u>1.00E-05</u>	<u>10.4</u>	<u>No</u>
	<u>7 (100 Meters)</u>	<u>1.00E-05</u>	<u>10.4</u>	<u>No</u>
	<u>6 (100 Meters)</u>	<u>1.00E-05</u>	<u>10.4</u>	<u>No</u>
	<u>14 (150 Meters)</u>	<u>1.00E-05</u>	<u>10.4</u>	<u>No</u>
	<u>15 (180 Meters)</u>	<u>0.00E+00</u>	<u>10.4</u>	<u>No</u>
	<u>16 (200 Meters)</u>	<u>0.00E+00</u>	<u>10.4</u>	<u>No</u>
	<u>10 (200 Meters)</u>	<u>1.00E-05</u>	<u>10.4</u>	<u>No</u>
	<u>11 (200 Meters)</u>	<u>1.00E-05</u>	<u>10.4</u>	<u>No</u>
	<u>12 (200 Meters)</u>	<u>0.00E+00</u>	<u>10.4</u>	<u>No</u>

**Table 4-16 Incremental Localized PM₁₀ Emissions from Construction Activities of the Maintenance Facility Buffer Design Option**

<u>PM₁₀ Annual</u>	<u>13 (200 Meters)</u>	<u>0.00E+00</u>	<u>10.4</u>	<u>No</u>
	<u>17 (300 Meters)</u>	<u>0.00E+00</u>	<u>10.4</u>	<u>No</u>
	<u>4 (25 Meters)</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>3 (25 Meters)</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>2 (25 Meters)</u>	<u>1.00E-05</u>	<u>1.00</u>	<u>No</u>
	<u>1 (25 Meters)</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>5 (25 Meters)</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>9 (100 Meters)</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>8 (100 Meters)</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>7 (100 Meters)</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>6 (100 Meters)</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>14 (150 Meters)</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>15 (180 Meters)</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>16 (200 Meters)</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>10 (200 Meters)</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>11 (200 Meters)</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>12 (200 Meters)</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>13 (200 Meters)</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>
	<u>17 (300 Meters)</u>	<u>0.00E+00</u>	<u>1.00</u>	<u>No</u>

SOURCE: PBS&J; ISC-Prime (Lakes Environmental Software, AERMOD View version 6.0.0, 2009).

* Some concentrations were below the reporting sensitivity of the ISC3-Prime model and therefore show up as "0.00" concentration. Concentrations this low are negligible.

Table 4-17 Incremental Localized PM_{2.5} Emissions from Construction Activities of the Maintenance Facility Buffer Design Option

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Maximum Incremental Project-Related Impact (µg/m³)*</u>	<u>Most Restrictive Air Quality Standard (µg/m³)</u>	<u>Significant Impact?</u>
<u>Demolition Stage</u>				
<u>PM_{2.5} 24 Hr</u>	<u>4 (25 Meters)</u>	<u>0.1798</u>	<u>10.4</u>	<u>No</u>
	<u>3 (25 Meters)</u>	<u>0.16875</u>	<u>10.4</u>	<u>No</u>
	<u>2 (25 Meters)</u>	<u>0.16744</u>	<u>10.4</u>	<u>No</u>
	<u>1 (25 Meters)</u>	<u>0.06787</u>	<u>10.4</u>	<u>No</u>
	<u>5 (25 Meters)</u>	<u>0.15346</u>	<u>10.4</u>	<u>No</u>
	<u>9 (100 Meters)</u>	<u>0.06777</u>	<u>10.4</u>	<u>No</u>
	<u>8 (100 Meters)</u>	<u>0.06518</u>	<u>10.4</u>	<u>No</u>

**Table 4-17 Incremental Localized PM_{2.5} Emissions from Construction Activities of the Maintenance Facility Buffer Design Option**

	7 (100 Meters)	0.06456	10.4	No
	6 (100 Meters)	0.04474	10.4	No
	14 (150 Meters)	0.0565	10.4	No
	15 (180 Meters)	0.04265	10.4	No
	16 (200 Meters)	0.03224	10.4	No
	10 (200 Meters)	0.03529	10.4	No
	11 (200 Meters)	0.04013	10.4	No
	12 (200 Meters)	0.04117	10.4	No
	13 (200 Meters)	0.03881	10.4	No
	17 (300 Meters)	0.02301	10.4	No
PM_{2.5} Annual	4 (25 Meters)	0.04884	1.00	No
	3 (25 Meters)	0.04277	1.00	No
	2 (25 Meters)	0.03363	1.00	No
	1 (25 Meters)	0.00998	1.00	No
	5 (25 Meters)	0.04914	1.00	No
	9 (100 Meters)	0.01393	1.00	No
	8 (100 Meters)	0.01227	1.00	No
	7 (100 Meters)	0.00897	1.00	No
	6 (100 Meters)	0.00443	1.00	No
	14 (150 Meters)	0.01716	1.00	No
	15 (180 Meters)	0.01302	1.00	No
	16 (200 Meters)	0.00864	1.00	No
	10 (200 Meters)	0.00285	1.00	No
	11 (200 Meters)	0.00374	1.00	No
	12 (200 Meters)	0.00561	1.00	No
	13 (200 Meters)	0.0067	1.00	No
	17 (300 Meters)	0.00483	1.00	No
Grading Stage				
PM_{2.5} 24 Hr	4 (25 Meters)	0.37242	10.4	No
	3 (25 Meters)	0.34954	10.4	No
	2 (25 Meters)	0.34682	10.4	No
	1 (25 Meters)	0.14058	10.4	No
	5 (25 Meters)	0.31788	10.4	No
	9 (100 Meters)	0.11704	10.4	No
	8 (100 Meters)	0.08833	10.4	No
	7 (100 Meters)	0.06678	10.4	No

**Table 4-17 Incremental Localized PM_{2.5} Emissions from Construction Activities of the Maintenance Facility Buffer Design Option**

	6 (100 Meters)	0.14037	10.4	No
	14 (150 Meters)	0.13501	10.4	No
	15 (180 Meters)	0.13372	10.4	No
	16 (200 Meters)	0.09266	10.4	No
	10 (200 Meters)	0.07310	10.4	No
	11 (200 Meters)	0.08321	10.4	No
	12 (200 Meters)	0.08527	10.4	No
	13 (200 Meters)	0.08039	10.4	No
	17 (300 Meters)	0.04765	10.4	No
PM_{2.5} Annual	4 (25 Meters)	0.10117	1.00	No
	3 (25 Meters)	0.08859	1.00	No
	2 (25 Meters)	0.06965	1.00	No
	1 (25 Meters)	0.02067	1.00	No
	5 (25 Meters)	0.10179	1.00	No
	9 (100 Meters)	0.03554	1.00	No
	8 (100 Meters)	0.02696	1.00	No
	7 (100 Meters)	0.01789	1.00	No
	6 (100 Meters)	0.02885	1.00	No
	14 (150 Meters)	0.02542	1.00	No
	15 (180 Meters)	0.01858	1.00	No
	16 (200 Meters)	0.00919	1.00	No
	10 (200 Meters)	0.00591	1.00	No
	11 (200 Meters)	0.00774	1.00	No
	12 (200 Meters)	0.01163	1.00	No
	13 (200 Meters)	0.01388	1.00	No
	17 (300 Meters)	0.01000	1.00	No
Remaining Construction Stage				
PM_{2.5} 24 Hr	4 (25 Meters)	1.00E-05	10.4	No
	3 (25 Meters)	1.00E-05	10.4	No
	2 (25 Meters)	2.00E-05	10.4	No
	1 (25 Meters)	2.00E-05	10.4	No
	5 (25 Meters)	1.00E-05	10.4	No
	9 (100 Meters)	1.00E-05	10.4	No
	8 (100 Meters)	1.00E-05	10.4	No
	7 (100 Meters)	1.00E-05	10.4	No
	6 (100 Meters)	1.00E-05	10.4	No

**Table 4-17 Incremental Localized PM_{2.5} Emissions from Construction Activities of the Maintenance Facility Buffer Design Option**

	14 (150 Meters)	0.00E+00	10.4	No
	15 (180 Meters)	0.00E+00	10.4	No
	16 (200 Meters)	0.00E+00	10.4	No
	10 (200 Meters)	1.00E-05	10.4	No
	11 (200 Meters)	1.00E-05	10.4	No
	12 (200 Meters)	0.00E+00	10.4	No
	13 (200 Meters)	0.00E+00	10.4	No
	17 (300 Meters)	0.00E+00	10.4	No
PM_{2.5} Annual	4 (25 Meters)	0.00E+00	1.00	No
	3 (25 Meters)	0.00E+00	1.00	No
	2 (25 Meters)	1.00E-05	1.00	No
	1 (25 Meters)	0.00E+00	1.00	No
	5 (25 Meters)	0.00E+00	1.00	No
	9 (100 Meters)	0.00E+00	1.00	No
	8 (100 Meters)	0.00E+00	1.00	No
	7 (100 Meters)	0.00E+00	1.00	No
	6 (100 Meters)	0.00E+00	1.00	No
	14 (150 Meters)	0.00E+00	1.00	No
	15 (180 Meters)	0.00E+00	1.00	No
	16 (200 Meters)	0.00E+00	1.00	No
	10 (200 Meters)	0.00E+00	1.00	No
	11 (200 Meters)	0.00E+00	1.00	No
	12 (200 Meters)	0.00E+00	1.00	No
	13 (200 Meters)	0.00E+00	1.00	No
	17 (300 Meters)	0.00E+00	1.00	No

SOURCE: PBS&J; ISC-Prime (Lakes Environmental Software, AERMOD View version 6.0.0, 2009).

* Some concentrations were below the reporting sensitivity of the ISC3-Prime model and therefore show up as "0.00" concentration. Concentrations this low are negligible.

CEQA Determination

Less-Than-Significant Impact. There would be roadway and transit service improvements associated with the No-Build Alternative. However, the only improvement that would change the physical environment in the Expo Phase 2 ROW would be the I-405 Widening project. Within the Expo Phase 2 ROW, the I-405 Widening project would result in increased air emissions, but would not expose sensitive receptors to substantial pollution concentrations. The No-Build Alternative also includes improvements to Bus operations include converting a larger percentage of the fleet to CNG, which would reduce criteria air pollutant emissions. Therefore, the No-Build Alternative would result in a **less-than-significant** impact.



The TSM Alternative would include all of the improvements under the No-Build Alternative and new on-street bus services to directly serve the Expo Phase 2 community transit needs. Those additional improvements would include minor physical modifications such as upgraded bus stops and additional buses. As shown in Table 4-29 (Carbon Monoxide Concentrations Near Six “Worst-Case” Intersections), the TSM Alternative would result in a **less-than-significant** impact.

The construction of the proposed Project would not exceed any pollutant significance thresholds with the incorporation of the BACM measures included in this analysis. As described above, temporary construction emissions are below localized significance thresholds. Therefore, with the incorporation of the BACMs, the project would result in a **less-than-significant** impact.

Impact AQ-6 The Operation of the proposed Project would not exceed any pollutant significance thresholds. As described below, operational emissions are below localized significance thresholds. Further, Implementation of the proposed project would not result in increased traffic congestion; therefore, traffic volumes would not result in an increase in localized CO concentrations at nearby intersections (that could affect sensitive receptors) to levels that exceed national or state standards. ~~There would be no adverse effect.~~ **A less-than-significant impact would occur.**

~~The SCAQMD recommends that for the purposes of evaluating the proposed project's traffic impacts for CO hotspots² analysis, the lead agency should include the following in the final GEQA document to demonstrate that the potential for CO hotspots would result in no adverse effect. Because CO is emitted directly from internal combustion engines, motor vehicles operating at slow speeds are the primary source of CO in the Basin. The highest ambient CO concentrations are generally found near congested transportation corridors and intersections. The lead agency should identify the intersection(s) that would be affected by the proposed project; quantify the level of service and volume-to-capacity effects of the proposed project. Construction-related pollutant concentrations are evaluated below under Impact AQ-6.~~

No-Build Alternative

There would be roadway and transit service improvements associated with the No-Build Alternative. However, the only improvement that would change the physical environment in the Expo Phase 2 ROW would be the I-405 Widening project. Within the Expo Phase 2 ROW, the I-405 Widening project would result in increased air emissions, but would not expose sensitive receptors to substantial pollution concentrations. The No-Build Alternative also includes improvements to Bus operations include converting a larger percentage of the fleet to CNG, which would reduce criteria air pollutant emissions. Therefore, the No-Build Alternative would result in a **no adverse effect**.

Transportation Systems Management (TSM) Alternative

The TSM Alternative would include all of the improvements under the No-Build Alternative and new on-street bus services to directly serve the Expo Phase 2 community transit needs. Those additional improvements would include minor physical modifications such as upgraded bus

² ~~A CO hotspot would be defined as a roadway segment where the CO levels exceed the states 20.0 ppm 1-hour standard or the state and federal 9.00 ppm 8-hour standard.~~



stops and additional buses. As shown in Table 4-429 (Carbon Monoxide Concentrations Near Six "Worst-Case" Intersections), the TSM Alternative would result in **no adverse effect**.

LRT Alternatives

In accordance with the Methodology, emission estimates for Localized significance includes only on-site activities and emission rates expressed in pounds per day. PM₁₀ emissions include both fugitive dust and exhaust from stationary and mobile onsite equipment. Emission rates for non-mobile operational emissions are determined from the URBEMIS2007 version 9.2.4 model. Mobile operational emissions, vehicle traffic within parking lots, are determined based on emission factors determined from the EMFAC model.

The following sections detail the operational LST evaluations for the Bundy Drive aerial structure and the Expo/Bundy Station surface parking lot, the Expo/Westwood Station parking area, the Sepulveda Boulevard Grade Separation Design Option and the associated 2-story parking structure for the Expo/Sepulveda Station and the Centinela Avenue aerial structure.

LST thresholds for the following project components were chosen based on the nearest residential receptors being 25 meters or closer and are located within the SCAQMD's Source-Receptor Area #2 (Northwest Coastal LA County). The URBEMIS2007 Model does not include a selection for Parking Structure or light rail station. For modeling purposes a "Blank" land use category was used to incorporate a Light Rail Transit Station with Parking into the model. Trip rates for the model were taken from the Institute of Transportation Engineers (ITE) 7th Edition Volume 2 of 3, Light Rail Transit Station with Parking, (093) average parking space 244 Average Rate 3.91. However, for mobile operational purposes URBEMIS2007 was not used for emissions modeling and the daily trips for each station as described in the Traffic Section of the DEIR were used to determine the daily on-site trips for the purposes of the LST analysis. Note that for operational impacts, the electrically operated light-rail train will not produce CO, NO_x, PM₁₀, or PM_{2.5} emissions and therefore do not add to the emission levels for LST analysis purposes.

Table 4-18 (Incremental Localized Emissions from Operational Activities at the Expo/Bundy Station) to Table 4-20 (Incremental Localized Emissions from Operational Activities at the Expo/Sepulveda Station) summarize the daily emissions for the on-site operations associated with the onsite parking, landscaping, and upkeep activities for each analyzed area. As shown, these areas would result in **no adverse effect** with respect to operational emissions and no mitigation would be required.

Since the maintenance facility for the proposed project would cover an area greater than 5 acres, would have sensitive receptors within approximately 25 feet of the operational activities, and would be a common element for each of the LRT Alternatives, dispersion modeling was performed to determine whether operational activities associated with the maintenance facility would expose sensitive receptors to substantial pollutant concentrations. In addition, the Expo/Bundy Station is located within 1,050 feet of the maintenance facility so there is the potential for operational emissions to have a cumulative impact on the sensitive receptors south of the sites. Therefore, the dispersion model was conducted to include operational emissions from both the maintenance facility and Expo/Bundy Station. Emissions for the 25 receptor locations are included as Table 4-21 (Localized CO Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station) to Table 4-24



(Localized PM_{2.5} Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station).

Table 4-18 Incremental Localized Emissions from Operational Activities at the Expo/Bundy Station

<u>Distance</u>	<u>CO (lbs/day)</u> <u>Unmitigated</u>	<u>NO₂</u> <u>(lbs/day)</u> <u>Unmitigated</u>	<u>PM₁₀</u> <u>(lbs/day)</u> <u>Unmitigated</u>	<u>PM_{2.5}</u> <u>(lbs/day)</u> <u>Unmitigated</u>
<u>Peak Daily On-site Emissions</u>	<u>4.92</u>	<u>0.19</u>	<u>0.06</u>	<u>0.05</u>
<u>Allowable emissions at 25 meters</u>	<u>815</u>	<u>164</u>	<u>2</u>	<u>1</u>
<u>Allowable emissions at 50 meters</u>	<u>1,196</u>	<u>159</u>	<u>5</u>	<u>2</u>
<u>Allowable emissions at 100 meters</u>	<u>1,695</u>	<u>173</u>	<u>9</u>	<u>3</u>
<u>Allowable emissions at 200 meters</u>	<u>2,961</u>	<u>206</u>	<u>16</u>	<u>6</u>
<u>Allowable emissions at 500 meters</u>	<u>8,446</u>	<u>292</u>	<u>37</u>	<u>20</u>
<u>Exceed Allowable emissions?</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>

SOURCE: PBS&J; Data from URBEMIS2007

Table 4-19 Incremental Localized Emissions from Operational Activities at the Expo/Westwood Station

<u>Distance</u>	<u>CO (lbs/day)</u> <u>Unmitigated</u>	<u>NO₂</u> <u>(lbs/day)</u> <u>Unmitigated</u>	<u>PM₁₀</u> <u>(lbs/day)</u> <u>Unmitigated</u>	<u>PM_{2.5}</u> <u>(lbs/day)</u> <u>Unmitigated</u>
<u>Peak Daily On-site Emissions</u>	<u>3.07</u>	<u>0.15</u>	<u>0.04</u>	<u>0.04</u>
<u>Allowable emissions at 25 meters</u>	<u>815</u>	<u>164</u>	<u>2</u>	<u>1</u>
<u>Allowable emissions at 50 meters</u>	<u>1,196</u>	<u>159</u>	<u>5</u>	<u>2</u>
<u>Allowable emissions at 100 meters</u>	<u>1,695</u>	<u>173</u>	<u>9</u>	<u>3</u>
<u>Allowable emissions at 200 meters</u>	<u>2,961</u>	<u>206</u>	<u>16</u>	<u>6</u>
<u>Allowable emissions at 500 meters</u>	<u>8,446</u>	<u>292</u>	<u>37</u>	<u>20</u>
<u>Exceed Allowable emissions?</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>

SOURCE: PBS&J; Data from URBEMIS2007

Table 4-20 Incremental Localized Emissions from Operational Activities at the Expo/Sepulveda Station

<u>Distance</u>	<u>CO (lbs/day) Unmitigated</u>	<u>NO₂ (lbs/day) Unmitigated</u>	<u>PM₁₀ (lbs/day) Unmitigated</u>	<u>PM_{2.5} (lbs/day) Unmitigated</u>
Peak Daily On-site Emissions	2.78	0.12	0.04	0.03
Allowable emissions at 25 meters	554	114	1	1
Allowable emissions at 50 meters	833	116	3	1
Allowable emissions at 100 meters	1,233	134	7	2
Allowable emissions at 200 meters	2,367	174	14	5
Allowable emissions at 500 meters	7,724	273	36	19
Exceed Allowable emissions?	No	No	No	No

SOURCE: PBS&J; Data from URBEMIS2007

Localized concentrations were estimated using ISC3 -Prime and calculation formulas and emissions factors prescribed by SCAQMD and USEPA. Operational activities are said to be significant for CO and NO₂ if the measured operational concentrations combined with the measured ambient concentration for SRA 2 exceed the SCAQMD thresholds of significance. Because the ambient emissions exceed the SCAQMD thresholds for particulate matter (PM₁₀ and PM_{2.5}), significance is determined by level of increase. If anticipated operational activities are greater than 2.5 µg/m³ based on a 24-hour average, or 1 µg/m³ based on an annual average, then the operational activities are considered significant. All on-site equipment for operational activities within the maintenance shop would be electric. The only diesel operated equipment will be a back-up generator which will operate for a maximum of thirty-minutes per week. Solvents for the maintenance shop will be water based. Currently there are no plans for painting activities to be conducted onsite, however should that change a permitted self-contained paint booth with filters will be used thus eliminating any potential inhalation of contaminants from nearby receptor locations. As shown in Table 4-21 (Localized CO Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station) to Table 4-24 (Localized PM_{2.5} Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station'), operation of the maintenance facility and Expo/Bundy Station would not exceed the LST thresholds established for CO, NO₂, PM₁₀, or PM_{2.5} and no mitigation would be required. Therefore, potential operational emissions associated with the Maintenance Facility and the Expo/Bundy Station parking would result in **no adverse effect**.

Table 4-21 Localized CO Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
CO, 1-hour	R1—25 Meters, South of Facility	<u>3</u>	<u>0.00011</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	R2—25 Meters, South of Facility	<u>3</u>	<u>0.00066</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	R3—25 Meters, South of Facility	<u>3</u>	<u>0.00010</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	R4—25 Meters, South of Facility	<u>3</u>	<u>0.00004</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	R5—25 Meters, South of Facility	<u>3</u>	<u>0.00004</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	R6—100 Meters, South of Facility	<u>3</u>	<u>0.00008</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	R7—100 Meters, South of Facility	<u>3</u>	<u>0.00012</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	R8—100 Meters, South of Facility	<u>3</u>	<u>0.00007</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	R9—100 Meters, South of Facility	<u>3</u>	<u>0.00003</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	R10—200 Meters, South of Facility	<u>3</u>	<u>0.00004</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	R11—200 Meters, South of Facility	<u>3</u>	<u>0.00005</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	R12—200 Meters, South of Facility	<u>3</u>	<u>0.00004</u>	<u>3.00</u>	<u>20</u>	<u>No</u>

Table 4-21 Localized CO Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>R13—200 Meters, South of Facility</u>	<u>3</u>	<u>0.00002</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	<u>R14—150 Meters, Southeast of Facility</u>	<u>3</u>	<u>0.00004</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	<u>R15—180 Meters, Southeast of Facility</u>	<u>3</u>	<u>0.00003</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	<u>R16—210 Meters, Southeast of Facility</u>	<u>3</u>	<u>0.00003</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	<u>R17—300 Meters, Southeast of Facility</u>	<u>3</u>	<u>0.00002</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	<u>R18—25 Meters, South of Bundy</u>	<u>3</u>	<u>0.00017</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	<u>R19—25 Meters, South of Bundy</u>	<u>3</u>	<u>0.00009</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	<u>R20—100 Meters, South of Bundy</u>	<u>3</u>	<u>0.00006</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	<u>R21—100 Meters, South of Bundy</u>	<u>3</u>	<u>0.00004</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	<u>R22—100 Meters, South of Bundy</u>	<u>3</u>	<u>0.00006</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	<u>R23—200Meters, South of Bundy</u>	<u>3</u>	<u>0.00003</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	<u>R24—200 Meters, South of Bundy</u>	<u>3</u>	<u>0.00003</u>	<u>3.00</u>	<u>20</u>	<u>No</u>

Table 4-21 Localized CO Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>R25—200 Meters, South of Bundy</u>	<u>3</u>	<u>0.00002</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
<u>CO, 8-hour</u>	<u>R1—25 Meters, South of Facility</u>	<u>2</u>	<u>0.00005</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R2—25 Meters, South of Facility</u>	<u>2</u>	<u>0.46241</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R3—25 Meters, South of Facility</u>	<u>2</u>	<u>0.05564</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R4—25 Meters, South of Facility</u>	<u>2</u>	<u>0.02954</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R5—25 Meters, South of Facility</u>	<u>2</u>	<u>0.02764</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R6—100 Meters, South of Facility</u>	<u>2</u>	<u>0.02781</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R7—100 Meters, South of Facility</u>	<u>2</u>	<u>0.05819</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R8—100 Meters, South of Facility</u>	<u>2</u>	<u>0.03327</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R9—100 Meters, South of Facility</u>	<u>2</u>	<u>0.01591</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R10—200 Meters, South of Facility</u>	<u>2</u>	<u>0.01527</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R11—200 Meters, South of Facility</u>	<u>2</u>	<u>0.02001</u>	<u>2.00</u>	<u>9</u>	<u>No</u>

Table 4-21 Localized CO Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>R12—200 Meters, South of Facility</u>	<u>2</u>	<u>0.02047</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R13—200 Meters, South of Facility</u>	<u>2</u>	<u>0.01449</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R14—150 Meters, Southeast of Facility</u>	<u>2</u>	<u>0.01940</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R15—180 Meters, Southeast of Facility</u>	<u>2</u>	<u>0.01813</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R16—210 Meters, Southeast of Facility</u>	<u>2</u>	<u>0.01487</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R17—300 Meters, Southeast of Facility</u>	<u>2</u>	<u>0.00964</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R18—25 Meters, South of Bundy</u>	<u>2</u>	<u>0.05611</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R19—25 Meters, South of Bundy</u>	<u>2</u>	<u>0.08362</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R20—100 Meters, South of Bundy</u>	<u>2</u>	<u>0.03403</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R21—100 Meters, South of Bundy</u>	<u>2</u>	<u>0.03066</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R22—100 Meters, South of Bundy</u>	<u>2</u>	<u>0.02738</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R23—200Meters, South of Bundy</u>	<u>2</u>	<u>0.02039</u>	<u>2.00</u>	<u>9</u>	<u>No</u>

Table 4-21 Localized CO Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>R24—200 Meters, South of Bundy</u>	<u>2</u>	<u>0.03703</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R25—200 Meters, South of Bundy</u>	<u>2</u>	<u>0.02185</u>	<u>2.00</u>	<u>9</u>	<u>No</u>

SOURCE: PBS&J; ISC-Prime (Lakes Environmental Software, AERMOD View version 6.0.0, 2009).

Table 4-22 Localized NO₂ Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
<u>NO₂, 1-hour</u>	<u>R1—25 Meters, South of Facility</u>	<u>0.09</u>	<u>0.00001</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R2—25 Meters, South of Facility</u>	<u>0.09</u>	<u>0.00004</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R3—25 Meters, South of Facility</u>	<u>0.09</u>	<u>0.00001</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R4—25 Meters, South of Facility</u>	<u>0.09</u>	<u>0.00001</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R5—25 Meters, South of Facility</u>	<u>0.09</u>	<u>0.00001</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R6—100 Meters, South of Facility</u>	<u>0.09</u>	<u>0.00001</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>

Table 4-22 Localized NO₂ Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>R7—100 Meters, South of Facility</u>	<u>0.09</u>	<u>0.00001</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R8—100 Meters, South of Facility</u>	<u>0.09</u>	<u>0.00001</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R9—100 Meters, South of Facility</u>	<u>0.09</u>	<u>0.00001</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R10—200 Meters, South of Facility</u>	<u>0.09</u>	<u>0.00001</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R11—200 Meters, South of Facility</u>	<u>0.09</u>	<u>0.00001</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R12—200 Meters, South of Facility</u>	<u>0.09</u>	<u>0.00001</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R13—200 Meters, South of Facility</u>	<u>0.09</u>	<u>0.00001</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R14—150 Meters, Southeast of Facility</u>	<u>0.09</u>	<u>8.47E-06</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R15—180 Meters, Southeast of Facility</u>	<u>0.09</u>	<u>8.08E-06</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R16—210 Meters, Southeast of Facility</u>	<u>0.09</u>	<u>7.458E-06</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R17—300 Meters, Southeast of Facility</u>	<u>0.09</u>	<u>6.21E-06</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R18—25 Meters, South of Bundy</u>	<u>0.09</u>	<u>8.72E-06</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>

Table 4-22 Localized NO₂ Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>R19—25 Meters, South of Bundy</u>	<u>0.09</u>	<u>4.85E-06</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R20—100 Meters, South of Bundy</u>	<u>0.09</u>	<u>3.66E-06</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R21—100 Meters, South of Bundy</u>	<u>0.09</u>	<u>2.13E-06</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R22—100 Meters, South of Bundy</u>	<u>0.09</u>	<u>6.12E-06</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R23—200 Meters, South of Bundy</u>	<u>0.09</u>	<u>5.79E-06</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R24—200 Meters, South of Bundy</u>	<u>0.09</u>	<u>3.56E-06</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
	<u>R25—200 Meters, South of Bundy</u>	<u>0.09</u>	<u>1.60E-06</u>	<u>0.09</u>	<u>0.18</u>	<u>No</u>
<u>NO₂, Annual</u>	<u>R1—25 Meters, South of Facility</u>	<u>0.0190</u>	<u>0.0000002</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R2—25 Meters, South of Facility</u>	<u>0.0190</u>	<u>0.0000013</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R3—25 Meters, South of Facility</u>	<u>0.0190</u>	<u>0.0000005</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R4—25 Meters, South of Facility</u>	<u>0.0190</u>	<u>0.0000006</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R5—25 Meters, South of Facility</u>	<u>0.0190</u>	<u>0.0000007</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>

Table 4-22 Localized NO₂ Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>R6—100 Meters, South of Facility</u>	<u>0.0190</u>	<u>0.0000001</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R7—100 Meters, South of Facility</u>	<u>0.0190</u>	<u>0.0000002</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R8—100 Meters, South of Facility</u>	<u>0.0190</u>	<u>0.0000003</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R9—100 Meters, South of Facility</u>	<u>0.0190</u>	<u>0.0000003</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R10—200 Meters, South of Facility</u>	<u>0.0190</u>	<u>0.0000001</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R11—200 Meters, South of Facility</u>	<u>0.0190</u>	<u>0.0000001</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R12—200 Meters, South of Facility</u>	<u>0.0190</u>	<u>0.0000002</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R13—200 Meters, South of Facility</u>	<u>0.0190</u>	<u>0.0000002</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R14—150 Meters, Southeast of Facility</u>	<u>0.0190</u>	<u>0.0000005</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R15—180 Meters, Southeast of Facility</u>	<u>0.0190</u>	<u>0.0000004</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R16—210 Meters, Southeast of Facility</u>	<u>0.0190</u>	<u>0.0000003</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R17—300 Meters, Southeast of Facility</u>	<u>0.0190</u>	<u>0.0000002</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>

Table 4-22 Localized NO₂ Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>R18—25 Meters, South of Bundy</u>	<u>0.0190</u>	<u>0.0000017</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R19—25 Meters, South of Bundy</u>	<u>0.0190</u>	<u>0.0000007</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R20—100 Meters, South of Bundy</u>	<u>0.0190</u>	<u>0.0000005</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R21—100 Meters, South of Bundy</u>	<u>0.0190</u>	<u>0.0000003</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R22—100 Meters, South of Bundy</u>	<u>0.0190</u>	<u>0.0000004</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R23—200Meters, South of Bundy</u>	<u>0.0190</u>	<u>0.0000003</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R24—200 Meters, South of Bundy</u>	<u>0.0190</u>	<u>0.0000003</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R25—200 Meters, South of Bundy</u>	<u>0.0190</u>	<u>0.0000002</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>

SOURCE: PBS&J; ISC-Prime (Lakes Environmental Software, AERMOD View version 6.0.0, 2009).

Table 4-23 Localized PM₁₀ Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Maximum Incremental Project-Related Impact (µg/m³)</u>	<u>Most Restrictive Air Quality Standard (µg/m³)</u>	<u>Significant Impact?</u>
<u>PM₁₀, 24-hour</u>	<u>R1—25 Meters, South of Facility</u>	<u>0.0005</u>	<u>10.4</u>	<u>No</u>
	<u>R2—25 Meters, South of Facility</u>	<u>0.0070</u>	<u>10.4</u>	<u>No</u>
	<u>R3—25 Meters, South of Facility</u>	<u>0.0006</u>	<u>10.4</u>	<u>No</u>
	<u>R4—25 Meters, South of Facility</u>	<u>0.0003</u>	<u>10.4</u>	<u>No</u>
	<u>R5—25 Meters, South of Facility</u>	<u>0.0003</u>	<u>10.4</u>	<u>No</u>
	<u>R6—100 Meters, South of Facility</u>	<u>0.0003</u>	<u>10.4</u>	<u>No</u>
	<u>R7—100 Meters, South of Facility</u>	<u>0.0009</u>	<u>10.4</u>	<u>No</u>
	<u>R8—100 Meters, South of Facility</u>	<u>0.0004</u>	<u>10.4</u>	<u>No</u>
	<u>R9—100 Meters, South of Facility</u>	<u>0.0002</u>	<u>10.4</u>	<u>No</u>
	<u>R10—200 Meters, South of Facility</u>	<u>0.0002</u>	<u>10.4</u>	<u>No</u>
	<u>R11—200 Meters, South of Facility</u>	<u>0.0003</u>	<u>10.4</u>	<u>No</u>
	<u>R12—200 Meters, South of Facility</u>	<u>0.0003</u>	<u>10.4</u>	<u>No</u>
	<u>R13—200 Meters, South of Facility</u>	<u>0.0002</u>	<u>10.4</u>	<u>No</u>
	<u>R14—150 Meters, Southeast of Facility</u>	<u>0.0003</u>	<u>10.4</u>	<u>No</u>
	<u>R15—180 Meters, Southeast of Facility</u>	<u>0.0002</u>	<u>10.4</u>	<u>No</u>
	<u>R16—210 Meters, Southeast of Facility</u>	<u>0.0002</u>	<u>10.4</u>	<u>No</u>
	<u>R17—300 Meters, Southeast of Facility</u>	<u>0.0001</u>	<u>10.4</u>	<u>No</u>
	<u>R18—25 Meters, South of Bundy</u>	<u>0.0037</u>	<u>10.4</u>	<u>No</u>
	<u>R19—25 Meters, South of Bundy</u>	<u>0.0012</u>	<u>10.4</u>	<u>No</u>
	<u>R20—100 Meters, South of Bundy</u>	<u>0.0011</u>	<u>10.4</u>	<u>No</u>
	<u>R21—100 Meters, South of Bundy</u>	<u>0.0005</u>	<u>10.4</u>	<u>No</u>
	<u>R22—100 Meters, South of Bundy</u>	<u>0.0004</u>	<u>10.4</u>	<u>No</u>

Table 4-23 Localized PM₁₀ Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Maximum Incremental Project-Related Impact (µg/m³)</u>	<u>Most Restrictive Air Quality Standard (µg/m³)</u>	<u>Significant Impact?</u>
<u>PM₁₀, Annual</u>	<u>R23—200Meters, South of Bundy</u>	<u>0.0002</u>	<u>10.4</u>	<u>No</u>
	<u>R24—200 Meters, South of Bundy</u>	<u>0.0006</u>	<u>10.4</u>	<u>No</u>
	<u>R25—200 Meters, South of Bundy</u>	<u>0.0003</u>	<u>10.4</u>	<u>No</u>
	<u>R1—25 Meters, South of Facility</u>	<u>0.00005</u>	<u>1.0</u>	<u>No</u>
	<u>R2—25 Meters, South of Facility</u>	<u>0.00058</u>	<u>1.0</u>	<u>No</u>
	<u>R3—25 Meters, South of Facility</u>	<u>0.00020</u>	<u>1.0</u>	<u>No</u>
	<u>R4—25 Meters, South of Facility</u>	<u>0.00011</u>	<u>1.0</u>	<u>No</u>
	<u>R5—25 Meters, South of Facility</u>	<u>0.00009</u>	<u>1.0</u>	<u>No</u>
	<u>R6—100 Meters, South of Facility</u>	<u>0.00002</u>	<u>1.0</u>	<u>No</u>
	<u>R7—100 Meters, South of Facility</u>	<u>0.00006</u>	<u>1.0</u>	<u>No</u>
	<u>R8—100 Meters, South of Facility</u>	<u>0.00008</u>	<u>1.0</u>	<u>No</u>
	<u>R9—100 Meters, South of Facility</u>	<u>0.00005</u>	<u>1.0</u>	<u>No</u>
	<u>R10—200 Meters, South of Facility</u>	<u>0.00002</u>	<u>1.0</u>	<u>No</u>
	<u>R11—200 Meters, South of Facility</u>	<u>0.00002</u>	<u>1.0</u>	<u>No</u>
	<u>R12—200 Meters, South of Facility</u>	<u>0.00004</u>	<u>1.0</u>	<u>No</u>
	<u>R13—200 Meters, South of Facility</u>	<u>0.00003</u>	<u>1.0</u>	<u>No</u>
	<u>R14—150 Meters, Southeast of Facility</u>	<u>0.00006</u>	<u>1.0</u>	<u>No</u>
	<u>R15—180 Meters, Southeast of Facility</u>	<u>0.00005</u>	<u>1.0</u>	<u>No</u>
	<u>R16—210 Meters, Southeast of Facility</u>	<u>0.00004</u>	<u>1.0</u>	<u>No</u>
	<u>R17—300 Meters, Southeast of Facility</u>	<u>0.00002</u>	<u>1.0</u>	<u>No</u>
	<u>R18—25 Meters, South of Bundy</u>	<u>0.00108</u>	<u>1.0</u>	<u>No</u>
	<u>R19—25 Meters, South of Bundy</u>	<u>0.00048</u>	<u>1.0</u>	<u>No</u>

Table 4-23 Localized PM₁₀ Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Maximum Incremental Project-Related Impact (µg/m³)</u>	<u>Most Restrictive Air Quality Standard (µg/m³)</u>	<u>Significant Impact?</u>
	<u>R20—100 Meters, South of Bundy</u>	<u>0.00024</u>	<u>1.0</u>	<u>No</u>
	<u>R21—100 Meters, South of Bundy</u>	<u>0.00017</u>	<u>1.0</u>	<u>No</u>
	<u>R22—100 Meters, South of Bundy</u>	<u>0.00007</u>	<u>1.0</u>	<u>No</u>
	<u>R23—200Meters, South of Bundy</u>	<u>0.00004</u>	<u>1.0</u>	<u>No</u>
	<u>R24—200 Meters, South of Bundy</u>	<u>0.00010</u>	<u>1.0</u>	<u>No</u>
	<u>R25—200 Meters, South of Bundy</u>	<u>0.00009</u>	<u>1.0</u>	<u>No</u>

SOURCE: PBS&J; ISC-Prime (Lakes Environmental Software, AERMOD View version 6.0.0, 2009).

Table 4-24 Localized PM_{2.5} Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Maximum Incremental Project-Related Impact (µg/m³)</u>	<u>Most Restrictive Air Quality Standard (µg/m³)</u>	<u>Significant Impact?</u>
<u>PM_{2.5}, 24-hour</u>	<u>R1—25 Meters, South of Facility</u>	<u>0.00009</u>	<u>10.4</u>	<u>No</u>
	<u>R2—25 Meters, South of Facility</u>	<u>0.00117</u>	<u>10.4</u>	<u>No</u>
	<u>R3—25 Meters, South of Facility</u>	<u>0.0001</u>	<u>10.4</u>	<u>No</u>
	<u>R4—25 Meters, South of Facility</u>	<u>0.00005</u>	<u>10.4</u>	<u>No</u>
	<u>R5—25 Meters, South of Facility</u>	<u>0.00004</u>	<u>10.4</u>	<u>No</u>
	<u>R6—100 Meters, South of Facility</u>	<u>0.00004</u>	<u>10.4</u>	<u>No</u>
	<u>R7—100 Meters, South of Facility</u>	<u>0.00016</u>	<u>10.4</u>	<u>No</u>
	<u>R8—100 Meters, South of Facility</u>	<u>0.00006</u>	<u>10.4</u>	<u>No</u>

Table 4-24 Localized PM_{2.5} Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Maximum Incremental Project-Related Impact (µg/m³)</u>	<u>Most Restrictive Air Quality Standard (µg/m³)</u>	<u>Significant Impact?</u>
	<u>R9—100 Meters, South of Facility</u>	<u>0.00003</u>	<u>10.4</u>	<u>No</u>
	<u>R10—200 Meters, South of Facility</u>	<u>0.00004</u>	<u>10.4</u>	<u>No</u>
	<u>R11—200 Meters, South of Facility</u>	<u>0.00005</u>	<u>10.4</u>	<u>No</u>
	<u>R12—200 Meters, South of Facility</u>	<u>0.00004</u>	<u>10.4</u>	<u>No</u>
	<u>R13—200 Meters, South of Facility</u>	<u>0.00003</u>	<u>10.4</u>	<u>No</u>
	<u>R14—150 Meters, Southeast of Facility</u>	<u>0.00003</u>	<u>10.4</u>	<u>No</u>
	<u>R15—180 Meters, Southeast of Facility</u>	<u>0.00003</u>	<u>10.4</u>	<u>No</u>
	<u>R16—210 Meters, Southeast of Facility</u>	<u>0.00002</u>	<u>10.4</u>	<u>No</u>
	<u>R17—300 Meters, Southeast of Facility</u>	<u>0.00002</u>	<u>10.4</u>	<u>No</u>
	<u>R18—25 Meters, South of Bundy</u>	<u>0.00045</u>	<u>10.4</u>	<u>No</u>
	<u>R19—25 Meters, South of Bundy</u>	<u>0.00015</u>	<u>10.4</u>	<u>No</u>
	<u>R20—100 Meters, South of Bundy</u>	<u>0.00013</u>	<u>10.4</u>	<u>No</u>
	<u>R21—100 Meters, South of Bundy</u>	<u>0.00006</u>	<u>10.4</u>	<u>No</u>
	<u>R22—100 Meters, South of Bundy</u>	<u>0.00005</u>	<u>10.4</u>	<u>No</u>
	<u>R23—200 Meters, South of Bundy</u>	<u>0.00003</u>	<u>10.4</u>	<u>No</u>
	<u>R24—200 Meters, South of Bundy</u>	<u>0.00007</u>	<u>10.4</u>	<u>No</u>
	<u>R25—200 Meters, South of Bundy</u>	<u>0.00004</u>	<u>10.4</u>	<u>No</u>
<u>PM_{2.5}, Annual</u>	<u>R1—25 Meters, South of Facility</u>	<u>0.00001</u>	<u>1.0</u>	<u>No</u>
	<u>R2—25 Meters, South of Facility</u>	<u>0.00010</u>	<u>1.0</u>	<u>No</u>
	<u>R3—25 Meters, South of Facility</u>	<u>0.00003</u>	<u>1.0</u>	<u>No</u>
	<u>R4—25 Meters, South of Facility</u>	<u>0.00002</u>	<u>1.0</u>	<u>No</u>
	<u>R5—25 Meters, South of Facility</u>	<u>0.00002</u>	<u>1.0</u>	<u>No</u>

Table 4-24 Localized PM_{2.5} Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Maximum Incremental Project-Related Impact (µg/m³)</u>	<u>Most Restrictive Air Quality Standard (µg/m³)</u>	<u>Significant Impact?</u>
	<u>R6—100 Meters, South of Facility</u>	<u>0.00000</u>	<u>1.0</u>	<u>No</u>
	<u>R7—100 Meters, South of Facility</u>	<u>0.00001</u>	<u>1.0</u>	<u>No</u>
	<u>R8—100 Meters, South of Facility</u>	<u>0.00001</u>	<u>1.0</u>	<u>No</u>
	<u>R9—100 Meters, South of Facility</u>	<u>0.00001</u>	<u>1.0</u>	<u>No</u>
	<u>R10—200 Meters, South of Facility</u>	<u>0.00000</u>	<u>1.0</u>	<u>No</u>
	<u>R11—200 Meters, South of Facility</u>	<u>0.00000</u>	<u>1.0</u>	<u>No</u>
	<u>R12—200 Meters, South of Facility</u>	<u>0.00001</u>	<u>1.0</u>	<u>No</u>
	<u>R13—200 Meters, South of Facility</u>	<u>0.00000</u>	<u>1.0</u>	<u>No</u>
	<u>R14—150 Meters, Southeast of Facility</u>	<u>0.00001</u>	<u>1.0</u>	<u>No</u>
	<u>R15—180 Meters, Southeast of Facility</u>	<u>0.00001</u>	<u>1.0</u>	<u>No</u>
	<u>R16—210 Meters, Southeast of Facility</u>	<u>0.00001</u>	<u>1.0</u>	<u>No</u>
	<u>R17—300 Meters, Southeast of Facility</u>	<u>0.00000</u>	<u>1.0</u>	<u>No</u>
	<u>R18—25 Meters, South of Bundy</u>	<u>0.00013</u>	<u>1.0</u>	<u>No</u>
	<u>R19—25 Meters, South of Bundy</u>	<u>0.00006</u>	<u>1.0</u>	<u>No</u>
	<u>R20—100 Meters, South of Bundy</u>	<u>0.00003</u>	<u>1.0</u>	<u>No</u>
	<u>R21—100 Meters, South of Bundy</u>	<u>0.00002</u>	<u>1.0</u>	<u>No</u>
	<u>R22—100 Meters, South of Bundy</u>	<u>0.00001</u>	<u>1.0</u>	<u>No</u>
	<u>R23—200Meters, South of Bundy</u>	<u>0.00001</u>	<u>1.0</u>	<u>No</u>
	<u>R24—200 Meters, South of Bundy</u>	<u>0.00001</u>	<u>1.0</u>	<u>No</u>
	<u>R25—200 Meters, South of Bundy</u>	<u>0.00001</u>	<u>1.0</u>	<u>No</u>

SOURCE: PBS&J; ISC-Prime (Lakes Environmental Software, AERMOD View version 6.0.0, 2009).

FEIR Design Options

Implementation of the Sepulveda Boulevard Grade Separation, Maintenance Facility Buffer, Colorado Parking Retention, Colorado/4th Parallel Platform and South Side Parking, or Expo/Westwood Station No Parking design options would involve modifications along the project alignment that would not affect the operational activities (frequency and capacity) of the LRT Alternatives.

The Expo/Westwood Station No Parking Design Option would serve to further reduce operational emissions than that evaluated for the LRT Alternatives due to the reduction in surface parking from 170 to 20 spaces. As such, impacts would result **no adverse effect** with implementation of this design option.

The Sepulveda Boulevard Grade Separation Design Option would not result in greater operational emissions than that evaluated for the LRT Alternatives. As such, impacts would result in **no adverse effect** with implementation of this design option.

Dispersion modeling for the Maintenance Facility Buffer Design Option was performed, using the same assumptions, methodology and significance as the original maintenance facility alternative, to determine whether operational activities associated with the maintenance facility would expose sensitive receptors to substantial pollutant concentrations. In addition, the Expo/Bundy station is located within 1,050 feet of the Maintenance Facility Buffer Design Option property so there is the potential for operational emissions to have a cumulative impact on the sensitive receptors south of the sites. Therefore, the dispersion model was conducted to include operational emissions from both the maintenance facility and Expo/Bundy Station. Emissions for the 25 receptor locations are included as Table 4-25 (Localized CO Emissions from Combined Operational Activities of the Maintenance Facility Buffer Design Option and Expo/Bundy Station) to Table 4-28 (Localized PM_{2.5} Emissions from Combined Operational Activities of the Maintenance Facility Buffer Design Option and Expo/Bundy Station). As shown in Table 4-25 to Table 4-28, operation of the maintenance facility and Expo/Bundy Station would not exceed the LST thresholds established for CO, NO₂, PM₁₀, or PM_{2.5} and no mitigation would be required. Therefore, potential operational emissions associated with the Maintenance Facility Buffer Design Option and the Expo/Bundy Station parking would result in **no adverse effect**.

Carbon Monoxide (CO) Hotspots

The SCAQMD recommends that for the purposes of evaluating the proposed project's traffic impacts for CO hotspots³ analysis, the lead agency should include the following in the final CEQA document to demonstrate that the potential for CO hotspots would result in no adverse effect. Because CO is emitted directly from internal combustion engines, motor vehicles operating at slow speeds are the primary source of CO in the Basin. The highest ambient CO concentrations are generally found near congested transportation corridors and intersections. The lead agency should identify the intersection(s) that would be affected by the proposed project; quantify the level of service and volume-to-capacity effects of the proposed project. Construction-related pollutant concentrations are evaluated below under Impact AQ-6.

³ A CO hotspot would be defined as a roadway segment where the CO levels exceed the states 20.0 ppm 1-hour standard or the state and federal 9.00 ppm 8-hour standard.

Table 4-25 Localized CO Emissions from Combined Operational Activities of the Maintenance Facility Buffer Design Option and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
CO, 1-hour	R1 (25 Meters, South of Facility)	3	3.99E-05	3.00	20	No
	R2 (25 Meters, South of Facility)	3	5.03E-05	3.00	20	No
	R3 (25 Meters, South of Facility)	3	8.63E-05	3.00	20	No
	R4 (25 Meters, South of Facility)	3	2.01E-04	3.00	20	No
	R5 (25 Meters, South of Facility)	3	2.21E-04	3.00	20	No
	R6 (100 Meters, South of Facility)	3	2.61E-05	3.00	20	No
	R7 (100 Meters, South of Facility)	3	3.47E-05	3.00	20	No
	R8 (100 Meters, South of Facility)	3	5.12E-05	3.00	20	No
	R9 (100 Meters, South of Facility)	3	7.49E-05	3.00	20	No
	R10 (200 Meters, South of Facility)	3	2.21E-05	3.00	20	No
	R11 (200 Meters, South of Facility)	3	2.49E-05	3.00	20	No
	R12 (200 Meters, South of Facility)	3	3.14E-05	3.00	20	No
	R13 (200 Meters, South of Facility)	3	3.81E-05	3.00	20	No
	R14 (150 Meters, South of Facility)	3	7.55E-05	3.00	20	No
	R15 (180 Meters, South of Facility)	3	6.15E-05	3.00	20	No
	R16 (210 Meters, South of Facility)	3	4.61E-05	3.00	20	No
	R17 (300 Meters, South of Facility)	3	2.91E-05	3.00	20	No
	R18 (25 Meters, South of Facility)	3	1.74E-04	3.00	20	No
	R19 (25 Meters, South of Facility)	3	9.19E-05	3.00	20	No
	R20 (100 Meters, South of Facility)	3	5.92E-05	3.00	20	No
	R21 (100 Meters, South of Facility)	3	4.13E-05	3.00	20	No

Table 4-25 Localized CO Emissions from Combined Operational Activities of the Maintenance Facility Buffer Design Option and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>R22 (100 Meters, South of Facility)</u>	<u>3</u>	<u>5.59E-05</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	<u>R23 (200 Meters, South of Facility)</u>	<u>3</u>	<u>3.27E-05</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	<u>R24 (200 Meters, South of Facility)</u>	<u>3</u>	<u>3.35E-05</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
	<u>R25 (200 Meters, South of Facility)</u>	<u>3</u>	<u>2.33E-05</u>	<u>3.00</u>	<u>20</u>	<u>No</u>
<u>CO, 8-hour</u>	<u>R1 (25 Meters, South of Facility)</u>	<u>2</u>	<u>1.45E-05</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R2 (25 Meters, South of Facility)</u>	<u>2</u>	<u>2.21E-02</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R3 (25 Meters, South of Facility)</u>	<u>2</u>	<u>4.68E-02</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R4 (25 Meters, South of Facility)</u>	<u>2</u>	<u>1.32E-01</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R5 (25 Meters, South of Facility)</u>	<u>2</u>	<u>1.42E-01</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R6 (100 Meters, South of Facility)</u>	<u>2</u>	<u>1.51E-02</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R7 (100 Meters, South of Facility)</u>	<u>2</u>	<u>1.72E-02</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R8 (100 Meters, South of Facility)</u>	<u>2</u>	<u>1.19E-02</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R9 (100 Meters, South of Facility)</u>	<u>2</u>	<u>3.87E-02</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R10 (200 Meters, South of Facility)</u>	<u>2</u>	<u>8.30E-03</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R11 (200 Meters, South of Facility)</u>	<u>2</u>	<u>6.97E-03</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R12 (200 Meters, South of Facility)</u>	<u>2</u>	<u>1.19E-02</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R13 (200 Meters, South of Facility)</u>	<u>2</u>	<u>1.64E-02</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R14 (150 Meters, South of Facility)</u>	<u>2</u>	<u>3.95E-02</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R15 (180 Meters, South of Facility)</u>	<u>2</u>	<u>2.61E-02</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R16 (210 Meters, South of Facility)</u>	<u>2</u>	<u>2.45E-02</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R17 (300 Meters, South of Facility)</u>	<u>2</u>	<u>1.61E-02</u>	<u>2.00</u>	<u>9</u>	<u>No</u>

Table 4-25 Localized CO Emissions from Combined Operational Activities of the Maintenance Facility Buffer Design Option and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>R18 (25 Meters, South of Facility)</u>	<u>2</u>	<u>1.87E-01</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R19 (25 Meters, South of Facility)</u>	<u>2</u>	<u>8.39E-02</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R20 (100 Meters, South of Facility)</u>	<u>2</u>	<u>5.61E-02</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R21 (100 Meters, South of Facility)</u>	<u>2</u>	<u>3.07E-02</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R22 (100 Meters, South of Facility)</u>	<u>2</u>	<u>3.40E-02</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R23 (200 Meters, South of Facility)</u>	<u>2</u>	<u>1.97E-02</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R24 (200 Meters, South of Facility)</u>	<u>2</u>	<u>2.74E-02</u>	<u>2.00</u>	<u>9</u>	<u>No</u>
	<u>R25 (200 Meters, South of Facility)</u>	<u>2</u>	<u>2.19E-02</u>	<u>2.00</u>	<u>9</u>	<u>No</u>

SOURCE: PBS&J; ISC-Prime (Lakes Environmental Software, AERMOD View version 6.0.0, 2009).

Table 4-26 Localized NO₂ Emissions from Combined Operational Activities of the Maintenance Facility Buffer Design Option and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
<u>NO₂, 1-hour</u>	<u>R1 (25 Meters, South of Facility)</u>	<u>0.09</u>	<u>9.31E-09</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R2 (25 Meters, South of Facility)</u>	<u>0.09</u>	<u>2.54E-08</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R3 (25 Meters, South of Facility)</u>	<u>0.09</u>	<u>3.44E-08</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>

Table 4-26 Localized NO₂ Emissions from Combined Operational Activities of the Maintenance Facility Buffer Design Option and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>R4 (25 Meters, South of Facility)</u>	<u>0.09</u>	<u>5.19E-08</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R5 (25 Meters, South of Facility)</u>	<u>0.09</u>	<u>6.21E-08</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R6 (100 Meters, South of Facility)</u>	<u>0.09</u>	<u>1.46E-08</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R7 (100 Meters, South of Facility)</u>	<u>0.09</u>	<u>2.28E-08</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R8 (100 Meters, South of Facility)</u>	<u>0.09</u>	<u>2.56E-08</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R9 (100 Meters, South of Facility)</u>	<u>0.09</u>	<u>3.51E-08</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R10 (200 Meters, South of Facility)</u>	<u>0.09</u>	<u>2.18E-08</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R11 (200 Meters, South of Facility)</u>	<u>0.09</u>	<u>2.55E-08</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R12 (200 Meters, South of Facility)</u>	<u>0.09</u>	<u>3.46E-08</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R13 (200 Meters, South of Facility)</u>	<u>0.09</u>	<u>3.16E-08</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R14 (150 Meters, South of Facility)</u>	<u>0.09</u>	<u>7.98E-08</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R15 (180 Meters, South of Facility)</u>	<u>0.09</u>	<u>6.41E-08</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>

Table 4-26 Localized NO₂ Emissions from Combined Operational Activities of the Maintenance Facility Buffer Design Option and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>R16 (210 Meters, South of Facility)</u>	<u>0.09</u>	<u>5.75E-08</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R17 (300 Meters, South of Facility)</u>	<u>0.09</u>	<u>5.26E-08</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R18 (25 Meters, South of Facility)</u>	<u>0.09</u>	<u>1.01E-06</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R19 (25 Meters, South of Facility)</u>	<u>0.09</u>	<u>4.42E-07</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R20 (100 Meters, South of Facility)</u>	<u>0.09</u>	<u>3.10E-07</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R21 (100 Meters, South of Facility)</u>	<u>0.09</u>	<u>2.16E-07</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R22 (100 Meters, South of Facility)</u>	<u>0.09</u>	<u>8.39E-08</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R23 (200 Meters, South of Facility)</u>	<u>0.09</u>	<u>7.40E-08</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R24 (200 Meters, South of Facility)</u>	<u>0.09</u>	<u>1.92E-07</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
	<u>R25 (200 Meters, South of Facility)</u>	<u>0.09</u>	<u>1.81E-07</u>	<u>0.090</u>	<u>0.18</u>	<u>No</u>
<u>NO₂, Annual</u>	<u>R1 (25 Meters, South of Facility)</u>	<u>0.0190</u>	<u>6.45E-07</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R2 (25 Meters, South of Facility)</u>	<u>0.0190</u>	<u>7.30E-07</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>

**Table 4-26 Localized NO₂ Emissions from Combined Operational Activities of the Maintenance Facility
Buffer Design Option and Expo/Bundy Station**

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>R3 (25 Meters, South of Facility)</u>	<u>0.0190</u>	<u>8.12E-07</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R4 (25 Meters, South of Facility)</u>	<u>0.0190</u>	<u>9.98E-07</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R5 (25 Meters, South of Facility)</u>	<u>0.0190</u>	<u>1.08E-06</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R6 (100 Meters, South of Facility)</u>	<u>0.0190</u>	<u>7.68E-07</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R7 (100 Meters, South of Facility)</u>	<u>0.0190</u>	<u>8.37E-07</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R8 (100 Meters, South of Facility)</u>	<u>0.0190</u>	<u>9.20E-07</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R9 (100 Meters, South of Facility)</u>	<u>0.0190</u>	<u>1.02E-06</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R10 (200 Meters, South of Facility)</u>	<u>0.0190</u>	<u>1.03E-06</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R11 (200 Meters, South of Facility)</u>	<u>0.0190</u>	<u>1.06E-06</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R12 (200 Meters, South of Facility)</u>	<u>0.0190</u>	<u>1.11E-06</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R13 (200 Meters, South of Facility)</u>	<u>0.0190</u>	<u>1.18E-06</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R14 (150 Meters, South of Facility)</u>	<u>0.0190</u>	<u>2.44E-06</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>

**Table 4-26 Localized NO₂ Emissions from Combined Operational Activities of the Maintenance Facility
Buffer Design Option and Expo/Bundy Station**

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Background Air Quality (ppm)^a</u>	<u>Maximum Incremental Project-Related Impact (ppm)</u>	<u>Total Impact (Background + Project) (ppm)</u>	<u>Most Restrictive Air Quality Standard (ppm)</u>	<u>Significant Impact?</u>
	<u>R15 (180 Meters, South of Facility)</u>	<u>0.0190</u>	<u>2.05E-06</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R16 (210 Meters, South of Facility)</u>	<u>0.0190</u>	<u>1.92E-06</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R17 (300 Meters, South of Facility)</u>	<u>0.0190</u>	<u>1.91E-06</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R18 (25 Meters, South of Facility)</u>	<u>0.0190</u>	<u>5.61E-06</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R19 (25 Meters, South of Facility)</u>	<u>0.0190</u>	<u>2.94E-06</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R20 (100 Meters, South of Facility)</u>	<u>0.0190</u>	<u>2.67E-06</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R21 (100 Meters, South of Facility)</u>	<u>0.0190</u>	<u>1.86E-06</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R22 (100 Meters, South of Facility)</u>	<u>0.0190</u>	<u>2.52E-06</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R23 (200 Meters, South of Facility)</u>	<u>0.0190</u>	<u>2.27E-06</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R24 (200 Meters, South of Facility)</u>	<u>0.0190</u>	<u>2.33E-06</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>
	<u>R25 (200 Meters, South of Facility)</u>	<u>0.0190</u>	<u>1.62E-05</u>	<u>0.019</u>	<u>0.03</u>	<u>No</u>

SOURCE: PBS&J; ISC-Prime (Lakes Environmental Software, AERMOD View version 6.0.0, 2009).



Table 4-27 Localized PM₁₀ Emissions from Combined Operational Activities of the Maintenance Facility Buffer Design Option and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Maximum Incremental Project-Related Impact (µg/m³)</u>	<u>Most Restrictive Air Quality Standard (µg/m³)</u>	<u>Significant Impact?</u>
<u>PM₁₀, 24-hour</u>	<u>R1 (25 Meters, South of Facility)</u>	<u>0.0020</u>	<u>10.4</u>	<u>No</u>
	<u>R2 (25 Meters, South of Facility)</u>	<u>0.0025</u>	<u>10.4</u>	<u>No</u>
	<u>R3 (25 Meters, South of Facility)</u>	<u>0.0030</u>	<u>10.4</u>	<u>No</u>
	<u>R4 (25 Meters, South of Facility)</u>	<u>0.0047</u>	<u>10.4</u>	<u>No</u>
	<u>R5 (25 Meters, South of Facility)</u>	<u>0.0052</u>	<u>10.4</u>	<u>No</u>
	<u>R6 (100 Meters, South of Facility)</u>	<u>0.0022</u>	<u>10.4</u>	<u>No</u>
	<u>R7 (100 Meters, South of Facility)</u>	<u>0.0027</u>	<u>10.4</u>	<u>No</u>
	<u>R8 (100 Meters, South of Facility)</u>	<u>0.0033</u>	<u>10.4</u>	<u>No</u>
	<u>R9 (100 Meters, South of Facility)</u>	<u>0.0040</u>	<u>10.4</u>	<u>No</u>
	<u>R10 (200 Meters, South of Facility)</u>	<u>0.0024</u>	<u>10.4</u>	<u>No</u>
	<u>R11 (200 Meters, South of Facility)</u>	<u>0.0024</u>	<u>10.4</u>	<u>No</u>
	<u>R12 (200 Meters, South of Facility)</u>	<u>0.0029</u>	<u>10.4</u>	<u>No</u>
	<u>R13 (200 Meters, South of Facility)</u>	<u>0.0037</u>	<u>10.4</u>	<u>No</u>
	<u>R14 (150 Meters, South of Facility)</u>	<u>0.0079</u>	<u>10.4</u>	<u>No</u>
	<u>R15 (180 Meters, South of Facility)</u>	<u>0.0007</u>	<u>10.4</u>	<u>No</u>
	<u>R16 (210 Meters, South of Facility)</u>	<u>0.0061</u>	<u>10.4</u>	<u>No</u>
	<u>R17 (300 Meters, South of Facility)</u>	<u>0.0035</u>	<u>10.4</u>	<u>No</u>
	<u>R18 (25 Meters, South of Facility)</u>	<u>0.1208</u>	<u>10.4</u>	<u>No</u>

**Table 4-27 Localized PM₁₀ Emissions from Combined Operational Activities of the Maintenance Facility Buffer Design Option and Expo/Bundy Station**

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Maximum Incremental Project-Related Impact (µg/m³)</u>	<u>Most Restrictive Air Quality Standard (µg/m³)</u>	<u>Significant Impact?</u>
	<u>R19 (25 Meters, South of Facility)</u>	<u>0.0398</u>	<u>10.4</u>	<u>No</u>
	<u>R20 (100 Meters, South of Facility)</u>	<u>0.0346</u>	<u>10.4</u>	<u>No</u>
	<u>R21 (100 Meters, South of Facility)</u>	<u>0.0152</u>	<u>10.4</u>	<u>No</u>
	<u>R22 (100 Meters, South of Facility)</u>	<u>0.0143</u>	<u>10.4</u>	<u>No</u>
	<u>R23 (200 Meters, South of Facility)</u>	<u>0.0064</u>	<u>10.4</u>	<u>No</u>
	<u>R24 (200 Meters, South of Facility)</u>	<u>0.0183</u>	<u>10.4</u>	<u>No</u>
	<u>R25 (200 Meters, South of Facility)</u>	<u>0.0096</u>	<u>10.4</u>	<u>No</u>
<u>PM₁₀, Annual</u>	<u>R1 (25 Meters, South of Facility)</u>	<u>0.00023</u>	<u>1.0</u>	<u>No</u>
	<u>R2 (25 Meters, South of Facility)</u>	<u>0.00031</u>	<u>1.0</u>	<u>No</u>
	<u>R3 (25 Meters, South of Facility)</u>	<u>0.00035</u>	<u>1.0</u>	<u>No</u>
	<u>R4 (25 Meters, South of Facility)</u>	<u>0.00060</u>	<u>1.0</u>	<u>No</u>
	<u>R5 (25 Meters, South of Facility)</u>	<u>0.00074</u>	<u>1.0</u>	<u>No</u>
	<u>R6 (100 Meters, South of Facility)</u>	<u>0.00019</u>	<u>1.0</u>	<u>No</u>
	<u>R7 (100 Meters, South of Facility)</u>	<u>0.00021</u>	<u>1.0</u>	<u>No</u>
	<u>R8 (100 Meters, South of Facility)</u>	<u>0.00024</u>	<u>1.0</u>	<u>No</u>
	<u>R9 (100 Meters, South of Facility)</u>	<u>0.00032</u>	<u>1.0</u>	<u>No</u>
	<u>R10 (200 Meters, South of Facility)</u>	<u>0.00014</u>	<u>1.0</u>	<u>No</u>
	<u>R11 (200 Meters, South of Facility)</u>	<u>0.00015</u>	<u>1.0</u>	<u>No</u>

**Table 4-27 Localized PM₁₀ Emissions from Combined Operational Activities of the Maintenance Facility Buffer Design Option and Expo/Bundy Station**

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Maximum Incremental Project-Related Impact (µg/m³)</u>	<u>Most Restrictive Air Quality Standard (µg/m³)</u>	<u>Significant Impact?</u>
	<u>R12 (200 Meters, South of Facility)</u>	<u>0.00017</u>	<u>1.0</u>	<u>No</u>
	<u>R13 (200 Meters, South of Facility)</u>	<u>0.00021</u>	<u>1.0</u>	<u>No</u>
	<u>R14 (150 Meters, South of Facility)</u>	<u>0.00078</u>	<u>1.0</u>	<u>No</u>
	<u>R15 (180 Meters, South of Facility)</u>	<u>0.00059</u>	<u>1.0</u>	<u>No</u>
	<u>R16 (210 Meters, South of Facility)</u>	<u>0.00043</u>	<u>1.0</u>	<u>No</u>
	<u>R17 (300 Meters, South of Facility)</u>	<u>0.00029</u>	<u>1.0</u>	<u>No</u>
	<u>R18 (25 Meters, South of Facility)</u>	<u>0.03540</u>	<u>1.0</u>	<u>No</u>
	<u>R19 (25 Meters, South of Facility)</u>	<u>0.01559</u>	<u>1.0</u>	<u>No</u>
	<u>R20 (100 Meters, South of Facility)</u>	<u>0.00765</u>	<u>1.0</u>	<u>No</u>
	<u>R21 (100 Meters, South of Facility)</u>	<u>0.00542</u>	<u>1.0</u>	<u>No</u>
	<u>R22 (100 Meters, South of Facility)</u>	<u>0.00170</u>	<u>1.0</u>	<u>No</u>
	<u>R23 (200 Meters, South of Facility)</u>	<u>0.00085</u>	<u>1.0</u>	<u>No</u>
	<u>R24 (200 Meters, South of Facility)</u>	<u>0.00295</u>	<u>1.0</u>	<u>No</u>
	<u>R25 (200 Meters, South of Facility)</u>	<u>0.00291</u>	<u>1.0</u>	<u>No</u>

SOURCE: PBS&J; ISC-Prime (Lakes Environmental Software, AERMOD View version 6.0.0, 2009).

Table 4-28 Localized PM_{2.5} Emissions from Combined Operational Activities of the Maintenance Facility Buffer Design Option and Expo/Bundy Station

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Maximum Incremental Project-Related Impact (µg/m³)</u>	<u>Most Restrictive Air Quality Standard (µg/m³)</u>	<u>Significant Impact?</u>
<u>PM_{2.5}, 24-hour</u>	<u>R1 (25 Meters, South of Facility)</u>	<u>0.00198</u>	<u>10.4</u>	<u>No</u>
	<u>R2 (25 Meters, South of Facility)</u>	<u>0.0024</u>	<u>10.4</u>	<u>No</u>
	<u>R3 (25 Meters, South of Facility)</u>	<u>0.00291</u>	<u>10.4</u>	<u>No</u>
	<u>R4 (25 Meters, South of Facility)</u>	<u>0.00468</u>	<u>10.4</u>	<u>No</u>
	<u>R5 (25 Meters, South of Facility)</u>	<u>0.00523</u>	<u>10.4</u>	<u>No</u>
	<u>R6 (100 Meters, South of Facility)</u>	<u>0.00215</u>	<u>10.4</u>	<u>No</u>
	<u>R7 (100 Meters, South of Facility)</u>	<u>0.00264</u>	<u>10.4</u>	<u>No</u>
	<u>R8 (100 Meters, South of Facility)</u>	<u>0.00329</u>	<u>10.4</u>	<u>No</u>
	<u>R9 (100 Meters, South of Facility)</u>	<u>0.00393</u>	<u>10.4</u>	<u>No</u>
	<u>R10 (200 Meters, South of Facility)</u>	<u>0.00235</u>	<u>10.4</u>	<u>No</u>
	<u>R11 (200 Meters, South of Facility)</u>	<u>0.00244</u>	<u>10.4</u>	<u>No</u>
	<u>R12 (200 Meters, South of Facility)</u>	<u>0.00289</u>	<u>10.4</u>	<u>No</u>
	<u>R13 (200 Meters, South of Facility)</u>	<u>0.00363</u>	<u>10.4</u>	<u>No</u>
	<u>R14 (150 Meters, South of Facility)</u>	<u>0.00782</u>	<u>10.4</u>	<u>No</u>
	<u>R15 (180 Meters, South of Facility)</u>	<u>0.00727</u>	<u>10.4</u>	<u>No</u>
	<u>R16 (210 Meters, South of Facility)</u>	<u>0.00599</u>	<u>10.4</u>	<u>No</u>
	<u>R17 (300 Meters, South of Facility)</u>	<u>0.00335</u>	<u>10.4</u>	<u>No</u>
	<u>R18 (25 Meters, South of Facility)</u>	<u>0.12075</u>	<u>10.4</u>	<u>No</u>
	<u>R19 (25 Meters, South of Facility)</u>	<u>0.03974</u>	<u>10.4</u>	<u>No</u>
	<u>R20 (100 Meters, South of Facility)</u>	<u>0.03461</u>	<u>10.4</u>	<u>No</u>
	<u>R21 (100 Meters, South of Facility)</u>	<u>0.01524</u>	<u>10.4</u>	<u>No</u>
	<u>R22 (100 Meters, South of Facility)</u>	<u>0.01433</u>	<u>10.4</u>	<u>No</u>
	<u>R23 (200 Meters, South of Facility)</u>	<u>0.00635</u>	<u>10.4</u>	<u>No</u>
	<u>R24 (200 Meters, South of Facility)</u>	<u>0.01832</u>	<u>10.4</u>	<u>No</u>
	<u>R25 (200 Meters, South of Facility)</u>	<u>0.00956</u>	<u>10.4</u>	<u>No</u>
<u>PM_{2.5}, Annual</u>	<u>R1 (25 Meters, South of Facility)</u>	<u>0.00022</u>	<u>1.0</u>	<u>No</u>
	<u>R2 (25 Meters, South of Facility)</u>	<u>0.00027</u>	<u>1.0</u>	<u>No</u>
	<u>R3 (25 Meters, South of Facility)</u>	<u>0.00032</u>	<u>1.0</u>	<u>No</u>
	<u>R4 (25 Meters, South of Facility)</u>	<u>0.00044</u>	<u>1.0</u>	<u>No</u>
	<u>R5 (25 Meters, South of Facility)</u>	<u>0.00051</u>	<u>1.0</u>	<u>No</u>

**Table 4-28 Localized PM_{2.5} Emissions from Combined Operational Activities of the Maintenance Facility Buffer Design Option and Expo/Bundy Station**

<u>Pollutant and Averaging Time</u>	<u>Receptor Location</u>	<u>Maximum Incremental Project-Related Impact (µg/m³)</u>	<u>Most Restrictive Air Quality Standard (µg/m³)</u>	<u>Significant Impact?</u>
	R6 (100 Meters, South of Facility)	0.00018	1.0	No
	R7 (100 Meters, South of Facility)	0.00020	1.0	No
	R8 (100 Meters, South of Facility)	0.00023	1.0	No
	R9 (100 Meters, South of Facility)	0.00028	1.0	No
	R10 (200 Meters, South of Facility)	0.00014	1.0	No
	R11 (200 Meters, South of Facility)	0.00015	1.0	No
	R12 (200 Meters, South of Facility)	0.00016	1.0	No
	R13 (200 Meters, South of Facility)	0.00019	1.0	No
	R14 (150 Meters, South of Facility)	0.00069	1.0	No
	R15 (180 Meters, South of Facility)	0.00054	1.0	No
	R16 (210 Meters, South of Facility)	0.00040	1.0	No
	R17 (300 Meters, South of Facility)	0.00027	1.0	No
	R18 (25 Meters, South of Facility)	0.03539	1.0	No
	R19 (25 Meters, South of Facility)	0.01559	1.0	No
	R20 (100 Meters, South of Facility)	0.00764	1.0	No
	R21 (100 Meters, South of Facility)	0.00541	1.0	No
	R22 (100 Meters, South of Facility)	0.00167	1.0	No
	R23 (200 Meters, South of Facility)	0.00083	1.0	No
	R24 (200 Meters, South of Facility)	0.00293	1.0	No
	R25 (200 Meters, South of Facility)	0.00291	1.0	No

SOURCE: PBS&J; ISC-Prime (Lakes Environmental Software, AERMOD View version 6.0.0, 2009).

Traffic generated by the LRT Alternatives near the proposed stations could contribute to congestion at nearby intersections, potentially resulting in additional vehicle emissions and longer vehicle idling times at and near study area intersections. These circumstances could lead to CO hotspots that may affect adjacent sensitive receptors. The CAL3QHC model was used to predict future CO concentrations near the LRT Alternatives' intersections that are projected to operate at LOS D or worse as these intersections would have the highest potential CO concentrations due to vehicle idling.

A one-hour CO background level of 4 ppm and an 8-hour background level of 2.33 ppm were added to the mobile source results at each analysis site. These values are the highest one-hour



and eight-hour readings from the West Los Angeles–VA Hospital air monitoring station for the years 2004 to 2006.

Persistence factors account for 8-hour periods (in contrast to single hour) due to the fact that vehicle volumes will fluctuate downward from the peak, vehicle speeds may vary, and meteorological conditions (including wind speeds and wind direction) may change to some degree over an 8-hour period as compared to the conservative assumptions used for the single maximizing hour. Peak 8-hour concentrations of CO were obtained by multiplying the highest estimated peak one-hour CO estimates by 0.7. This factor was derived following the methodology prescribed in Caltrans' CO Protocol.

Six intersections were identified as being projected to operate at LOS D or worse in 2030. The results of the CO calculations are presented in Table 4-~~429~~ (Carbon Monoxide Concentrations near Six "Worst-Case" Intersections).

Air quality modeling is used to predict pollutant concentrations resulting from emissions from motor vehicles using roadways immediately adjacent to the locations at which predictions are being made. Background levels must be added to these values to account for pollutants entering the area from other sources upwind of the receptors.

The estimated reduction in CO emissions shown in Table 4-~~429~~ (Carbon Monoxide Concentrations near Six "Worst-Case" Intersections) for 2030 is the result of the estimated decrease in CO emissions as vehicle technology improves.

Although the six intersections show a potential for current violations of the CO standards, forecasted CO concentrations near these intersections show that CO levels at all intersections would be much lower than the national or state ambient air quality standards. Therefore, CO hotspots would not occur near these nor any other intersections within the study area in the future as a result of the LRT Alternatives, and there would be ***no adverse effect***.

Parking Areas

Localized CO concentrations can also be a concern for parking structures and parking lots. CO emissions make up approximately 80 percent of the total emissions from motor vehicles, while VOC, NO_x, and PM₁₀ collectively represent 20 percent of the total emissions. CO concentrations are of the greatest concern for nearby sensitive receptors. Similar to congested intersections, vehicles idling in parking areas can create "CO hotspots" that may affect nearby sensitive receptors. Parking would be provided at the following station locations along the proposed LRT Alternatives:

- Expo/Westwood Station 170 spaces
- Sepulveda/National Station 252 spaces
- Expo/Sepulveda Station 260 spaces
- Expo/Bundy Station 250 spaces
- Santa Monica (Terminus) ~~225~~0 spaces

Table 4-429 Carbon Monoxide Concentrations near Six “Worst-Case” Intersections

Segment	Intersection	Modeled One-Hour Concentrations with Background ^a						
		Existing		TSM 2030		LRT 2030		One-hour State Standard
		AM Peak	PM Peak	AM Peak	PM Peak	AM Peak	PM Peak	
Segment 1a: Venice/Sepulveda	Hughes Avenue/Venice Boulevard	28	26	9.7	9.7	9.7	9.6	20
Segment 1a: Venice/Sepulveda	Sepulveda Boulevard/Palms Boulevard	22	26	8.6	7.7	8.6	8.1	20
Segment 2: Sepulveda to Cloverfield	Sepulveda Boulevard/Exposition Boulevard	21	19	7.4	6.8	7.4	6.8	20
Segment 2: Sepulveda to Cloverfield	Stewart Street/Olympic Boulevard	25	25	8.3	8.4	8.3	8.4	20
Segment 3: Olympic	20 th Street/Olympic Boulevard	23	24	7.5	7.7	7.5	7.9	20
Segment 3: Olympic/ Segment 3a: Colorado	4 th Street/Colorado Avenue	20	22	7.2	7.5	7.2	7.5	20
Segment	Intersection	Modeled Eight-Hour Concentrations with Background						
		Existing		TSM 2030		LRT 2030		State/Federal 8-hour Standard
		AM Peak	PM Peak	AM Peak	PM Peak	AM Peak	PM Peak	
Segment 1a: Venice/Sepulveda	Hughes Avenue/Venice Boulevard	19	18	6.3	6.3	6.3	6.3	9.0
Segment 1a: Venice/Sepulveda	Sepulveda Boulevard/Palms Boulevard	15	18	5.6	4.9	5.6	5.2	9.0
Segment 2: Sepulveda to Cloverfield	Sepulveda Boulevard/Exposition Boulevard	15	13	4.7	4.3	4.7	4.3	9.0
Segment 2: Sepulveda to Cloverfield	Stewart Street/Olympic Boulevard	18	17	5.3	5.4	5.3	5.4	9.0
Segment 3: Olympic	20 th Street/Olympic Boulevard	16	17	4.5	4.9	4.5	5.0	9.0
Segment 3: Olympic/ Segment 3a: Colorado	4 th Street/Colorado Avenue	14	15	4.6	4.5	4.6	4.5	9.0

SOURCE: [CAL3QHC MODEL-URBEMIS2007](#)

a. Expressed in parts per million (ppm)

As long as vehicles entering and exiting the parking facilities are not subject to major delay causing significant idling time, it is unlikely that a CO hotspot in excess of the 1-hour or 8-hour air quality standard would be created. Based on preliminary site plans, the design of the surface parking lots would allow two-way circulation, would not include any dead-end aisles, and would provide two ingress/egress points to serve the anticipated vehicle demand. In addition, the parking lots would be “open air” facilities, meaning that solid walls would not enclose the facility. Further, the Basin has been in attainment for CO, and the CO concentrations at the six selected intersections were below the SCAQMD’s threshold of significance with higher traffic volumes than would occur at the surface parking lots. Therefore, CO concentrations and other vehicle exhaust emissions would not create an adverse effect at the surface parking lots. ~~No, and there would be no adverse effect would result.~~

FEIR Design Options

The Sepulveda Grade Separation, Colorado Parking Retention, Colorado/4th Parallel Platform and South Side Parking, Maintenance Facility Buffer, or Expo/Westwood Station No Parking design options involve modifications along the project alignment that would not affect the operational activities (frequency and capacity) of the LRT Alternatives. Further, implementation of the contemplated design options would not affect the CO concentrations at any of the intersections shown in Table 4-29 (Carbon Monoxide Concentrations near Six “Worst-Case” Intersections). Therefore, no change in the impact of the project is anticipated, and impacts would remain **less than significant** with implementation of the design options.

The Sepulveda Grade Separation Design Option would reduce potential idling at the intersection of Sepulveda and Exposition Boulevards. As such, intersection operations would be expected to improve and CO concentrations at this intersection would be expected to decrease.

The Expo/Westwood Station No Parking Design Option would serve to further reduce the potential of localized CO concentrations, as parking would be reduced from 170 to 20 spaces at the station.

CEQA Determination

~~**Less-Than-Significant Impact.** There would be roadway and transit service improvements associated with the No-Build Alternative. However, the only improvement that would change the physical environment in the Expo Phase 2 ROW would be the I-405 Widening project. Within the Expo Phase 2 ROW, the I-405 Widening project would result in increased air emissions, but would not expose sensitive receptors to substantial pollution concentrations. The No-Build Alternative also includes improvements to Bus operations include converting a larger percentage of the fleet to CNG, which would reduce criteria air pollutant emissions. Therefore, the No-Build Alternative would result in a **less-than-significant** impact.~~

~~The TSM Alternative would include all of the improvements under the No-Build Alternative and new on-street bus services to directly serve the Expo Phase 2 community transit needs. Those additional improvements would include minor physical modifications such as upgraded bus stops and additional buses. As shown in Table 4-4 (Carbon Monoxide Concentrations Near Six “Worst-Case” Intersections), the TSM Alternative would result in a **less-than-significant** impact.~~

Implementation of the LRT Alternatives would not change the potential for CO hotspots in the project area. This impact would be ***less than significant***.

Impact AQ-6 ~~Construction activities associated with the LRT Alternatives would generate emissions that could result in an exceedance of localized significance thresholds (LST) for CO, NO_x, PM₁₀, and PM_{2.5} established by the SCAQMD, and, therefore, could expose sensitive receptors to substantial pollutant concentrations. As no mitigation measure is available to reduce pollution concentrations, this would be considered an adverse effect.~~

No-Build Alternative

There would be roadway and transit service improvements associated with the No-Build Alternative. However, the only improvement that would change the physical environment in the Expo Phase 2 ROW would be the I-405 Widening project. Within the Expo Phase 2 ROW, the I-405 Widening project would result in increased air emissions, but would not expose sensitive receptors to substantial pollution concentrations. The No-Build Alternative also includes improvements to Bus operations include converting a larger percentage of the fleet to CNG, which would reduce criteria air pollutant emissions. Therefore, the No-Build Alternative would result in a ***no adverse effect***.

Transportation Systems Management (TSM) Alternative

The TSM Alternative would include all of the improvements under the No-Build Alternative and new on-street bus services to directly serve the Expo Phase 2 community transit needs. Those additional improvements would include minor physical modifications such as upgraded bus stops and additional buses. As shown in Table 4-4 (Carbon Monoxide Concentrations Near Six "Worst-Case" Intersections), the TSM Alternative would result in ***no adverse effect***.
LRT Alternatives

As mentioned previously, LSTs have been developed by the SCAQMD to determine maximum allowable concentrations of criteria air pollutants for projects. Project areas less than 5 acres in size may utilize the SCAQMD Mass Rate Lookup Tables and Significance Guidance. Emissions of CO, NO₂, PM₁₀, and PM_{2.5} from construction activities were estimated for each project construction phase using the SCAQMD Mass Rate Look-Up Tables and Significance Guidance, as shown in Table 4-5 (Total Incremental Localized Emissions from Construction Activities). Localized standard violations for CO, NO₂, and PM₁₀ would not be threatened during construction of the LRT Alternatives, but there would be a potential for violation of the PM_{2.5} standard at adjacent sensitive receptors during project paving phases. An ***adverse effect*** would result.

Table 4-5 — Total Incremental Localized Emissions from Construction Activities

Construction Phase	Peak Day Emissions (Pounds per Day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Demolition	—	74.7	31.4	—	4.6	3.9
Site Preparation	—	83.5	41.2	—	8.6	4.8

Table 4-5 — Total Incremental Localized Emissions from Construction Activities

Construction Phase	Peak Day Emissions (Pounds per Day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Grading	—	64.9	31.4	—	6.3	3.9
Building	—	44.8	21.2	—	2.7	2.5
Asphalt	—	201.2	69.1	—	10.6	10.1
Maximum Daily Emissions						
SCAQMD Thresholds	—	316	1566	—	39	9
Significant Impact?	—	No	No	—	No	Yes

SOURCE: PBS&J 2008 (calculation sheets are provided in Appendix B)

Since the maintenance facility for the proposed project would cover an area greater than 5 acres, would be constructed at one time, would have sensitive receptors within approximately 50 feet of the construction activities, and would be a common element for each of the LRT Alternatives, dispersion modeling was performed to determine whether construction activities associated with the maintenance facility would expose sensitive receptors to substantial pollutant concentrations. Total worst-case construction emissions for the maintenance facility are included in Table 4-6 (Total Worst-Case Construction Emissions and Localized Significance Thresholds—Maintenance Facility) and compared to LSTs for SRA-2. Localized concentrations were estimated using BEEST for Windows (version 9.65) and calculation formulas and emissions factors prescribed by SCAQMD and USEPA. Thresholds of significance are developed by subtracting the most recently measured ambient concentration for SRA-2 from the SCAQMD thresholds of significance to determine the maximum allowable concentrations that the maintenance facility construction can produce without ambient air concentrations exceeding the SCAQMD thresholds. As shown in Table 4-6, construction of the maintenance facility would exceed the LST established for PM₁₀ emissions. Compliance with SCAQMD Rule 403 and the identified mitigation measures listed above would reduce pollutant concentrations, but not to levels below the SCAQMD thresholds for LSTs.

Table 4-6 — Total Worst-Case Construction Emissions and Localized Significance Thresholds—Maintenance Facility

Pollutant	Averaging Time	Significance Threshold	Maximum Modeled Concentration	Significant Impact?
CO	1-Hour	17 ppm	0.056 ppm	No
	8-Hour	6.9 ppm	0.016 ppm	No
NO ₂	1-Hour	0.1 ppm	0.0082 ppm	No
PM ₁₀	24-Hour	10.4 µg/m ³	13.726 µg/m ³	Yes
PM _{2.5}	24-Hour	10.4 µg/m ³	4.27 µg/m ³	No

SOURCE: PBS&J 2008; Bee-Line Software, BEEST for Windows (Version 9.65); SCAQMD 2003, Localized Significance Threshold Methodology (calculation data sheets provided in the Air Quality Technical Background Report).



CEQA Determination

Less-Than-Significant Impact. There would be roadway and transit service improvements associated with the No-Build Alternative. However, the only improvement that would change the physical environment in the Expo Phase 2 ROW would be the I-405 Widening project. Within the Expo Phase 2 ROW, the I-405 Widening project would result in increased air emissions, but would not expose sensitive receptors to substantial pollution concentrations. The No-Build Alternative also includes improvements to Bus operations include converting a larger percentage of the fleet to CNG, which would reduce criteria air pollutant emissions. Therefore, the No-Build Alternative would result in a ***less-than-significant*** impact.

The TSM Alternative would include all of the improvements under the No-Build Alternative and new on-street bus services to directly serve the Expo Phase 2 community transit needs. Those additional improvements would include minor physical modifications such as upgraded bus stops and additional buses. As shown in Table 4-429 (Carbon Monoxide Concentrations Near Six "Worst-Case" Intersections), the TSM Alternative would result in a ***less-than-significant*** impact.

~~**Significant and Unavoidable.** The paving/asphalt phase of project construction for each component of the LRT Alternatives could exceed local PM_{2.5} standards during construction that cannot be reduced to below the SCAQMD threshold of impact. In addition, construction of the maintenance facility that is a component of each of the LRT Alternatives could exceed local PM₁₀ standards during construction that cannot be reduced to below the SCAQMD threshold of impact. This impact would be ***significant and unavoidable***.~~

Implementation of the LRT Alternatives would not change the potential for CO hotspots in the project area. This impact would be ***less than significant***.

The operation of the proposed Project would not exceed any pollutant significance thresholds. As described above, operational emissions are below localized significance thresholds. Therefore, the project would result in a ***less-than-significant*** impact.

Criterion Would the project create objectionable odors affecting a substantial number of people?

Impact AQ-7 Construction and operation of the proposed project would not include elements that would be likely to create objectionable odors affecting a substantial number of people; therefore, the proposed project would result in ***no adverse effect***.

No-Build Alternative

There would be roadway and transit service improvements associated with the No-Build Alternative. However, the only improvement that would change the physical environment in the Expo Phase 2 ROW would be the I-405 Widening project. The No-Build Alternative would not create objectionable odors affecting a substantial number of people within the Expo Phase 2 ROW. Similarly, improvements to the bus operations, also part of the No-Build Alternative, would not create objectionable odors affecting a substantial population. Therefore, the No-Build Alternative would result in ***no effect*** with respect to odors.

Transportation Systems Management (TSM) Alternative

The TSM Alternative would include all of the improvements under the No-Build Alternative and new on-street bus services to directly serve the Expo Phase 2 community transit needs. Those additional improvements would include minor physical modifications such as upgraded bus stops and additional buses. As with the No-Build Alternative, the TSM Alternative would result in **no effect** with respect to odors.

LRT Alternatives

Objectionable odors are a localized phenomenon and are confined to the vicinity of the emitter of the odor. Construction activities do not usually emit offensive odors. Construction activities occurring in association with the proposed project could generate airborne odors associated with the operation of construction vehicles (i.e., diesel exhaust) and the application exterior architectural coatings at the proposed station sites; however, these emissions would only occur during daytime hours, would generally be restricted to the immediate vicinity of the construction site and activity, and would not affect a substantial number of people.

Offensive odors are usually associated with land uses that include agriculture, wastewater treatment plants, food processing plants, chemical plants, composting, refineries, landfills, dairies, and fiberglass molding. Potential operational airborne odors could result new trash receptacles at the proposed station sites. However, existing Metro policy would require that all trash receptacles located within the proposed station sites would be enclosed and have lids; further, Metro policy would ensure that the trash receptacles would be emptied on a regular basis. Collection of the trash receptacles in a timely manner would serve to prevent substantial objectionable odors, thereby ensuring that **no adverse effect** would occur with regards to objectionable odors.

FEIR Design Options

[The Sepulveda Grade Separation, Colorado Parking Retention, Colorado/4th Parallel Platform and South Side Parking, Maintenance Facility Buffer, or Expo/Westwood Station No Parking design options involve modifications along the project alignment that would not affect the operational activities \(frequency and capacity\) of the LRT Alternatives. As such, no change in the impact of the project is anticipated, and impacts would remain **less than significant** with implementation of the design options.](#)

CEQA Determination

No Impact. Implementation of the No-Build Alternative, and the TSM Alternative would not result in new sources of objectionable odors. The effect is **no impact**.

Less-Than-Significant Impact. Implementation of the LRT Alternatives would have a potential for odors due to trash receptacles at the proposed station sites. Compliance with existing Metro policies would ensure that the receptacles have lids and are emptied in a timely manner; therefore impacts would be **less than significant**.

4.4 Cumulative Impacts

A cumulative analysis addresses the impacts of the proposed project in combination with other planned and approved projects. This analysis evaluates the proposed project along with planned and approved development within the Basin. This cumulative impact analysis considers construction and operation of the proposed project in conjunction with existing, proposed, and reasonably foreseeable development in the Cities of Los Angeles, Santa Monica, and Culver City. As no potentially adverse effects or significant impacts were identified for the No-Build and TSM Alternatives, those alternatives are not addressed in this cumulative impact analysis.

With regard to impacts relating to the exposure of sensitive receptors to substantial toxic pollutant concentrations, because these impacts are site-specific and localized, the geographic context for this analysis is the study area where those pollutants could combine to reach unacceptable levels. For the purposes of impacts relating to objectionable odors, the geographic context is also considered to be the study area, due to the localized nature of odor impacts.

Criterion Conflict with or obstruct implementation of the applicable air quality plan

The AQMP incorporates transportation project assumptions from the RTP and the RTIP developed by SCAG to estimate regional stationary and mobile air emissions. If the cumulative projects are individually consistent with the RTP and the RTIP, then the cumulative impacts would be accounted for in the AQMP. The Expo Phase 2 project is included in SCAG's 2008 RTP and the 2008 RTIP, and would be consistent with the Transit and Systems Management strategy as outlined in the 2007 AQMP. Therefore as the Expo Phase 2 project would be considered a TCM project, cumulative impacts would be considered ***less than significant***.

Criterion Would the project violate any air quality standard or contribute substantially to an existing or projected air quality violation?

SCAQMD recommends that individual projects that exceed the SCAQMD recommended daily thresholds for project-specific impacts be considered to cause a cumulatively considerable increase in emissions for those pollutants for which the Basin is in non-attainment. Refer to analysis of Impact AQ-2 for a discussion of construction-related impacts associated with a violation of any air quality standard or air quality violation. As discussed above, the cumulative impact is significant, the projects' contribution is cumulative considerable, and the cumulative impact would be ***significant and unavoidable***.

Criterion Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the proposed project region is in non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors, including VOCs and NO_x)?

As discussed above in Impact AQ-4, the project would add a cumulatively considerable contribution to a federal or state non-attainment pollutant. Because the Basin is currently in non-attainment for ozone (for which VOC and NO_x are precursors), PM₁₀, and PM_{2.5} under federal and state standards, projects could cumulatively exceed an air quality standard or contribute to



an existing or projected air quality exceedance. The SCAQMD neither recommends quantified analyses of cumulative construction or operational emissions, nor provides separate methodologies or thresholds of significance to be used to assess cumulative construction or operational impacts. Instead, the SCAQMD recommends that a project's potential contribution to cumulative impacts should be assessed using the same significance criteria as those for project-specific impacts; that is, individual development projects that generate construction-related or operational emissions that exceed the SCAQMD-recommended daily thresholds for project-specific impacts would contribute to a cumulatively considerable increase in emissions for those pollutants for which the Basin is in non-attainment.

As discussed previously in Impact AQ-2 and shown in Table 4-2 (~~Estimated Peak Daily Construction Emissions [Unmitigated]~~) and Table 4-3 (~~Estimated Peak Daily Construction Emissions [Mitigated/Unmitigated]~~) and Table 4-4 (Estimated Peak Daily Construction Emissions [with BACMs]), construction-related daily emissions associated with the LRT Alternatives development would exceed SCAQMD significance thresholds for NO_x. Therefore, the emissions generated by construction of the LRT Alternatives would contribute to an air quality violation and a cumulatively considerable impact. As described above in Impact AQ-2, compliance with SCAQMD Rule 403 and implementation of mitigation measures provided above would reduce emissions of most criteria pollutants for construction of the LRT Alternatives to levels below the established thresholds, but NO_x emissions would remain above the established thresholds.

Because the proposed project would exceed SCAQMD thresholds for the pollutants and precursors of ozone for which the Basin is in non-attainment, the proposed project would make cumulatively considerable contributions of these pollutants during construction of the proposed project. Because no feasible mitigation measures beyond what is proposed for Impact AQ-2 is available to further reduce the contribution to NO_x emissions to a level below SCAQMD threshold for the LRT Alternatives, this would result in a **significant and unavoidable adverse cumulative effect**.

Criterion Would the project expose sensitive receptors to substantial pollutant concentrations?

With regard to construction activities, the proposed project would not expose sensitive receptors to substantial concentrations of CO and NO_x, PM₁₀, or PM_{2.5}. Table 4-5 (Incremental Localized Emissions from Construction Activities of the Bundy Aerial Structure) to Table 4-13 (Incremental Localized Emissions from Construction Activities of the Sepulveda Boulevard Grade Separation Design Option) show that compliance with SCAQMD Rule 403 and the implementation of the Best Management Plan Criteria and Standards listed above ensure the reduction of this impact to a less-than-significant level. Therefore, with the incorporation of the BACMs, the project would result in a **less-than-significant** impact.

Future projects could result in long-term future exposure of sensitive receptors to substantial pollutant concentrations. Table 4-14 (Incremental Localized Emissions from Operational Activities at the Expo/Bundy Station) to Table 4-28 (Localized PM_{2.5} Emissions from Combined Operational Activities of the Maintenance Facility and Expo/Bundy Station) show that with the incorporation of the BACMs, the operation of maintenance facility and stations are below the localized significance thresholds for CO, NO₂, PM₁₀, and PM_{2.5}. CO levels associated with the project alternatives are projected to be lower in 2030 than in 2008 due to improvements in vehicle emission rates predicted by the ARB. As discussed in Impact AQ-56, the proposed

project would not contribute to existing violations of the federal and State 1-hour or 8-hour ambient air quality standard for CO. The future CO concentrations at the study intersections in 2030 are based on the projected future traffic volumes from the study intersections contained in the project traffic study, and take into account emissions from the proposed project, future ambient growth, and cumulative projects. As shown in Table 4-429 (Carbon Monoxide Concentrations near Six "Worst-Case" Intersections), future 1-hour CO concentrations and future 8-hour CO concentrations would not exceed federal and state air quality standards for CO concentrations. There would be a less-than-significant cumulative impact. Further, because CO concentrations would not exceed federal and state air quality standards for CO concentrations, CO hotspots would not occur near these intersections in the future, and the proposed project would not result in a cumulatively considerable contribution to this cumulative impact. Therefore, the cumulative impact of the proposed project would be **less than significant**.

~~With regard to construction, the proposed project would not expose sensitive receptors to substantial concentrations of CO, NO_x, and PM_{2.5}, but could expose sensitive receptors to concentrations that exceed the SCAQMD LST for PM₁₀, which would result in a significant, localized cumulative impact. Under SCAQMD's standards, if a project exceeds an LST for a particular source receptor area, then the proposed project would be considered to contribute to a violation of a state or federal ambient air quality standard for pollutant concentrations. The residential, educational, and other sensitive uses could be exposed to criteria pollutant concentrations that exceed the SCAQMD's localized significance thresholds. Compliance with SCAQMD Rule 403 and the identified mitigation measures provided above would reduce this impact, but not to a less-than-significant level. As no further feasible mitigation is available to reduce these concentrations, this cumulative impact would be significant and unavoidable, and this impact would be **cumulatively significant**.~~

Criterion Would the project create objectionable odors affecting a substantial number of people?

As discussed in Impact AQ-7, although construction activities occurring in association with the proposed project could generate airborne odors associated with the operation of construction vehicles (e.g., diesel exhaust) and the application of interior and exterior architectural coatings, these emissions would only occur during daytime hours, would generally be restricted to the immediate vicinity of the construction site and activity, and would not affect a substantial number of people. The odor impacts resulting from LRT operations are not expected to affect a substantial number of people, as activities typically associated with these uses do not emit offensive odors and solid waste from these projects would be stored in containers, as required by Metro policy. Thus, as the proposed project is not expected to generate substantial odors, nor would any existing or anticipated nearby uses generate substantial odors, this cumulative impact would be less than significant. Because a less-than-significant cumulative impact would occur with respect to objectionable odors, and the proposed project would not result in objectionable odors that would affect a substantial number of people, the cumulative impact of the proposed project would also be **less than significant**.

5. REFERENCES

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APPENDIX A AIR QUALITY MODELING DATA

Appendix A

Air Quality Modeling Data

LA County Existing Conditions (Operational)

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Med Truck 5751-8500 lbs	9.7	2.1	97.9	0.0
Lite-Heavy Truck 8501-10,000 lbs	1.6	0.0	87.5	12.5
Lite-Heavy Truck 10,001-14,000 lbs	0.5	0.0	60.0	40.0
Med-Heavy Truck 14,001-33,000 lbs	1.0	0.0	20.0	80.0
Heavy-Heavy Truck 33,001-60,000 lbs	0.5	0.0	0.0	100.0
Other Bus	0.1	0.0	100.0	0.0
Urban Bus	0.1	0.0	0.0	100.0
Motorcycle	2.2	86.4	13.6	0.0
School Bus	0.1	0.0	0.0	100.0
Motor Home	0.7	14.3	85.7	0.0

Travel Conditions

	Residential			Commercial	
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work
Urban Trip Length (miles)	10.0	10.0	10.0	10.0	10.0
Rural Trip Length (miles)	10.0	10.0	10.0	10.0	10.0
Trip speeds (mph)	30.0	30.0	30.0	30.0	30.0
% of Trips - Residential	32.9	18.0	49.1		

% of Trips - Commercial (by land

use)					
VT			2.0	1.0	97.0

Operational Changes to Defaults

Home-based work urban trip length changed from 12.7 miles to 10 miles

Home-based work rural trip length changed from 17.6 miles to 10 miles

Home-based shop urban trip length changed from 7 miles to 10 miles

Home-based shop rural trip length changed from 12.1 miles to 10 miles

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Home-based other urban trip length changed from 9.5 miles to 10 miles

Home-based other rural trip length changed from 14.9 miles to 10 miles

Commercial-based commute urban trip length changed from 13.3 miles to 10 miles

Commercial-based commute rural trip length changed from 15.4 miles to 10 miles

Commercial-based non-work urban trip length changed from 7.4 miles to 10 miles

Commercial-based non-work rural trip length changed from 9.6 miles to 10 miles

Commercial-based customer urban trip length changed from 8.9 miles to 10 miles

Commercial-based customer rural trip length changed from 12.6 miles to 10 miles

LA County - No Build 2030 (Operational)

Urbemis 2007 Version 9.2.4

Detail Report for Annual Operational Unmitigated Emissions (Tons/Year)

File Name: \\Sfofs1\projects\Projects - All Employees\2000000+\D2131600 EXPO Corridor Transit Project Phase 2 EIS\URBEMIS Files\LA County VMT\LA County - Existing Conditions

Project Name: LA County - Existing Conditions

Project Location: Los Angeles County

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

OPERATIONAL EMISSION ESTIMATES (Annual Tons Per Year, Unmitigated)

Source	ROG	NOX	CO	SO2	PM10	PM25	CO2
VMT	11,447.88	13,127.14	131,703.25	401.01	70,218.60	13,571.34	40,496,032.30
TOTALS (tons/year, unmitigated)	11,447.88	13,127.14	131,703.25	401.01	70,218.60	13,571.34	40,496,032.30

Does not include correction for passby trips

Does not include double counting adjustment for internal trips

Analysis Year: 2030 Season: Annual

Emfac: Version : Emfac2007 V2.3 Nov 1 2006

Summary of Land Uses

Land Use Type	Acreage	Trip Rate	Unit Type	No. Units	Total Trips	Total VMT
VMT		1,000.00	1000 sq ft	22,316.41	22,316,410.16	223,164,101.56
					22,316,410.16	223,164,101.56

Vehicle Fleet Mix

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	51.7	0.0	100.0	0.0
Light Truck < 3750 lbs	6.7	0.0	100.0	0.0
Light Truck 3751-5750 lbs	23.5	0.0	100.0	0.0

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Med Truck 5751-8500 lbs	10.6	0.0	100.0	0.0
Lite-Heavy Truck 8501-10,000 lbs	1.7	0.0	82.4	17.6
Lite-Heavy Truck 10,001-14,000 lbs	0.5	0.0	60.0	40.0
Med-Heavy Truck 14,001-33,000 lbs	1.0	0.0	20.0	80.0
Heavy-Heavy Truck 33,001-60,000 lbs	0.5	0.0	0.0	100.0
Other Bus	0.1	0.0	0.0	100.0
Urban Bus	0.1	0.0	0.0	100.0
Motorcycle	2.5	32.0	68.0	0.0
School Bus	0.1	0.0	0.0	100.0
Motor Home	1.0	0.0	90.0	10.0

Travel Conditions

	Residential			Commercial	
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work
Urban Trip Length (miles)	10.0	10.0	10.0	10.0	10.0
Rural Trip Length (miles)	10.0	10.0	10.0	10.0	10.0
Trip speeds (mph)	30.0	30.0	30.0	30.0	30.0
% of Trips - Residential	32.9	18.0	49.1		

% of Trips - Commercial (by land

use)
VMT

2.0 1.0 97.0

Operational Changes to Defaults

Home-based work urban trip length changed from 12.7 miles to 10 miles

Home-based work rural trip length changed from 17.6 miles to 10 miles

Home-based shop urban trip length changed from 7 miles to 10 miles

Home-based shop rural trip length changed from 12.1 miles to 10 miles

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Home-based other urban trip length changed from 9.5 miles to 10 miles

Home-based other rural trip length changed from 14.9 miles to 10 miles

Commercial-based commute urban trip length changed from 13.3 miles to 10 miles

Commercial-based commute rural trip length changed from 15.4 miles to 10 miles

Commercial-based non-work urban trip length changed from 7.4 miles to 10 miles

Commercial-based non-work rural trip length changed from 9.6 miles to 10 miles

Commercial-based customer urban trip length changed from 8.9 miles to 10 miles

Commercial-based customer rural trip length changed from 12.6 miles to 10 miles

LA County - TSM Alternative 2030 (Operational)

Urbemis 2007 Version 9.2.4

Detail Report for Annual Operational Unmitigated Emissions (Tons/Year)

File Name: \\Sfofs1\projects\Projects - All Employees\20000000+\D2131600 EXPO Corridor Transit Project Phase 2 EIS\URBEMIS Files\LA County VMT\LA County - Existing Conditions

Project Name: LA County - Existing Conditions

Project Location: Los Angeles County

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

OPERATIONAL EMISSION ESTIMATES (Annual Tons Per Year, Unmitigated)

Source	ROG	NOX	CO	SO2	PM10	PM25	CO2
VMT	11,447.87	13,127.13	131,703.08	401.01	70,218.50	13,571.32	40,495,979.14
TOTALS (tons/year, unmitigated)	11,447.87	13,127.13	131,703.08	401.01	70,218.50	13,571.32	40,495,979.14

Does not include correction for passby trips

Does not include double counting adjustment for internal trips

Analysis Year: 2030 Season: Annual

Emfac: Version : Emfac2007 V2.3 Nov 1 2006

Summary of Land Uses

Land Use Type	Acreage	Trip Rate	Unit Type	No. Units	Total Trips	Total VMT
VMT	1,000.00	1000 sq ft	22,316.38	22,316,380.86	223,163,808.59	223,163,808.59

Vehicle Fleet Mix

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	51.7	0.0	100.0	0.0
Light Truck < 3750 lbs	6.7	0.0	100.0	0.0
Light Truck 3751-5750 lbs	23.5	0.0	100.0	0.0

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Med Truck 5751-8500 lbs	10.6	0.0	100.0	0.0
Lite-Heavy Truck 8501-10,000 lbs	1.7	0.0	82.4	17.6
Lite-Heavy Truck 10,001-14,000 lbs	0.5	0.0	60.0	40.0
Med-Heavy Truck 14,001-33,000 lbs	1.0	0.0	20.0	80.0
Heavy-Heavy Truck 33,001-60,000 lbs	0.5	0.0	0.0	100.0
Other Bus	0.1	0.0	0.0	100.0
Urban Bus	0.1	0.0	0.0	100.0
Motorcycle	2.5	32.0	68.0	0.0
School Bus	0.1	0.0	0.0	100.0
Motor Home	1.0	0.0	90.0	10.0

Travel Conditions

	Residential			Commercial	
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work
Urban Trip Length (miles)	10.0	10.0	10.0	10.0	10.0
Rural Trip Length (miles)	10.0	10.0	10.0	10.0	10.0
Trip speeds (mph)	30.0	30.0	30.0	30.0	30.0
% of Trips - Residential	32.9	18.0	49.1		

% of Trips - Commercial (by land

use)
VMT

2.0 1.0 97.0

Operational Changes to Defaults

Home-based work urban trip length changed from 12.7 miles to 10 miles

Home-based work rural trip length changed from 17.6 miles to 10 miles

Home-based shop urban trip length changed from 7 miles to 10 miles

Home-based shop rural trip length changed from 12.1 miles to 10 miles

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Home-based other urban trip length changed from 9.5 miles to 10 miles

Home-based other rural trip length changed from 14.9 miles to 10 miles

Commercial-based commute urban trip length changed from 13.3 miles to 10 miles

Commercial-based commute rural trip length changed from 15.4 miles to 10 miles

Commercial-based non-work urban trip length changed from 7.4 miles to 10 miles

Commercial-based non-work rural trip length changed from 9.6 miles to 10 miles

Commercial-based customer urban trip length changed from 8.9 miles to 10 miles

Commercial-based customer rural trip length changed from 12.6 miles to 10 miles

LA County - LRT 1 2030 (Operational)

Detail Report for Annual Operational Unmitigated Emissions (Tons/Year)

File Name: \\Sfofs1\projects\Projects - All Employees\D2000000+\D2131600 EXPO Corridor Transit Project Phase 2 EIS\URBEMIS Files\LA County VMT\LA County VMT 1 2006 11 Nov 1 2006

Project Name: LA County - Existing Conditions

Project Location: Los Angeles County

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

OPERATIONAL EMISSION ESTIMATES (Annual Tons Per Year, Unmitigated)

Source	ROG	NOX	CO	SO2	PM10	PM25	CO2
VMT	11,443.25	13,121.83	131,649.89	400.85	70,190.15	13,565.84	40,479,626.20
TOTALS (tons/year, unmitigated)	11,443.25	13,121.83	131,649.89	400.85	70,190.15	13,565.84	40,479,626.20

Does not include correction for passby trips

Does not include double counting adjustment for internal trips

Analysis Year: 2030 Season: Annual

Emfac: Version : Emfac2007 V2.3 Nov 1 2006

Summary of Land Uses

Land Use Type	Acreage	Trip Rate	Unit Type	No. Units	Total Trips	Total VMT
VMT		1,000.00	1000 sq ft	22,307.37	22,307,369.14	223,073,691.41
					22,307,369.14	223,073,691.41

Vehicle Fleet Mix

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	51.7	0.0	100.0	0.0
Light Truck < 3750 lbs	6.7	0.0	100.0	0.0
Light Truck 3751-5750 lbs	23.5	0.0	100.0	0.0

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Med Truck 5751-8500 lbs	10.6	0.0	100.0	0.0	100.0	0.0
Lite-Heavy Truck 8501-10,000 lbs	1.7	0.0	82.4	17.6		
Lite-Heavy Truck 10,001-14,000 lbs	0.5	0.0	60.0	40.0		
Med-Heavy Truck 14,001-33,000 lbs	1.0	0.0	20.0	80.0		
Heavy-Heavy Truck 33,001-60,000 lbs	0.5	0.0	0.0	100.0		
Other Bus	0.1	0.0	0.0	100.0		
Urban Bus	0.1	0.0	0.0	100.0		
Motorcycle	2.5	32.0	68.0	0.0		
School Bus	0.1	0.0	0.0	100.0		
Motor Home	1.0	0.0	90.0	10.0		

Travel Conditions

	Residential			Commercial		
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work	Customer
Urban Trip Length (miles)	10.0	10.0	10.0	10.0	10.0	10.0
Rural Trip Length (miles)	10.0	10.0	10.0	10.0	10.0	10.0
Trip speeds (mph)	30.0	30.0	30.0	30.0	30.0	30.0
% of Trips - Residential	32.9	18.0	49.1			

% of Trips - Commercial (by land

use)
VMT

2.0 1.0 97.0

Operational Changes to Defaults

Home-based work urban trip length changed from 12.7 miles to 10 miles

Home-based work rural trip length changed from 17.6 miles to 10 miles

Home-based shop urban trip length changed from 7 miles to 10 miles

Home-based shop rural trip length changed from 12.1 miles to 10 miles

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Home-based other urban trip length changed from 9.5 miles to 10 miles

Home-based other rural trip length changed from 14.9 miles to 10 miles

Commercial-based commute urban trip length changed from 13.3 miles to 10 miles

Commercial-based commute rural trip length changed from 15.4 miles to 10 miles

Commercial-based non-work urban trip length changed from 7.4 miles to 10 miles

Commercial-based non-work rural trip length changed from 9.6 miles to 10 miles

Commercial-based customer urban trip length changed from 8.9 miles to 10 miles

Commercial-based customer rural trip length changed from 12.6 miles to 10 miles

LA County - LRT 2 2030 (Operational)

Detail Report for Annual Operational Unmitigated Emissions (Tons/Year)

File Name: \\Sfops1\projects\Projects - All Employees\D2000000+\D2131600 EXPO Corridor Transit Project Phase 2 EIS\URBEMIS Files\LA County VMT\LA County VMT 2000-2004

Project Name: LA County - Existing Conditions

Project Location: Los Angeles County

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

OPERATIONAL EMISSION ESTIMATES (Annual Tons Per Year, Unmitigated)

<u>Source</u>	ROG	NOX	CO	SO2	PM10	PM25	CO2
VMT	11,445.63	13,124.56	131,677.34	400.93	70,204.78	13,568.67	40,488,064.94
TOTALS (tons/year, unmitigated)	11,445.63	13,124.56	131,677.34	400.93	70,204.78	13,568.67	40,488,064.94

Does not include correction for passby trips

Does not include double counting adjustment for internal trips

Analysis Year: 2030 Season: Annual

Emfac: Version : Emfac2007 V2.3 Nov 1 2006

Summary of Land Uses

Land Use Type	Acreage	Trip Rate	Unit Type	No. Units	Total Trips	Total VMT
VMT		1,000.00	1000 sq ft	22,312.02	22,312,019.53	223,120,195.31
					22,312,019.53	223,120,195.31

Vehicle Fleet Mix

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	51.7	0.0	100.0	0.0
Light Truck < 3750 lbs	6.7	0.0	100.0	0.0
Light Truck 3751-5750 lbs	23.5	0.0	100.0	0.0

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Med Truck 5751-8500 lbs	10.6	0.0	100.0	0.0
Lite-Heavy Truck 8501-10,000 lbs	1.7	0.0	82.4	17.6
Lite-Heavy Truck 10,001-14,000 lbs	0.5	0.0	60.0	40.0
Med-Heavy Truck 14,001-33,000 lbs	1.0	0.0	20.0	80.0
Heavy-Heavy Truck 33,001-60,000 lbs	0.5	0.0	0.0	100.0
Other Bus	0.1	0.0	0.0	100.0
Urban Bus	0.1	0.0	0.0	100.0
Motorcycle	2.5	32.0	68.0	0.0
School Bus	0.1	0.0	0.0	100.0
Motor Home	1.0	0.0	90.0	10.0

Travel Conditions

	Residential			Commercial	
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work
Urban Trip Length (miles)	10.0	10.0	10.0	10.0	10.0
Rural Trip Length (miles)	10.0	10.0	10.0	10.0	10.0
Trip speeds (mph)	30.0	30.0	30.0	30.0	30.0
% of Trips - Residential	32.9	18.0	49.1		

% of Trips - Commercial (by land

use)
VMT

2.0 1.0 97.0

Operational Changes to Defaults

Home-based work urban trip length changed from 12.7 miles to 10 miles

Home-based work rural trip length changed from 17.6 miles to 10 miles

Home-based shop urban trip length changed from 7 miles to 10 miles

Home-based shop rural trip length changed from 12.1 miles to 10 miles

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Home-based other rural trip length changed from 14.9 miles to 10 miles

Commercial-based commute urban trip length changed from 13.3 miles to 10 miles

Commercial-based commute rural trip length changed from 15.4 miles to 10 miles

Commercial-based non-work urban trip length changed from 7.4 miles to 10 miles

Commercial-based non-work rural trip length changed from 9.6 miles to 10 miles

Commercial-based customer urban trip length changed from 8.9 miles to 10 miles

Commercial-based customer rural trip length changed from 12.6 miles to 10 miles

LA County - LRT 3 2030 (Operational)

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Med Truck 5751-8500 lbs	10.6	0.0	100.0	0.0
Lite-Heavy Truck 8501-10,000 lbs	1.7	0.0	82.4	17.6
Lite-Heavy Truck 10,001-14,000 lbs	0.5	0.0	60.0	40.0
Med-Heavy Truck 14,001-33,000 lbs	1.0	0.0	20.0	80.0
Heavy-Heavy Truck 33,001-60,000 lbs	0.5	0.0	0.0	100.0
Other Bus	0.1	0.0	0.0	100.0
Urban Bus	0.1	0.0	0.0	100.0
Motorcycle	2.5	32.0	68.0	0.0
School Bus	0.1	0.0	0.0	100.0
Motor Home	1.0	0.0	90.0	10.0

Travel Conditions

	Residential			Commercial	
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work
Urban Trip Length (miles)	10.0	10.0	10.0	10.0	10.0
Rural Trip Length (miles)	10.0	10.0	10.0	10.0	10.0
Trip speeds (mph)	30.0	30.0	30.0	30.0	30.0
% of Trips - Residential	32.9	18.0	49.1		

% of Trips - Commercial (by land

use)					
VT			2.0	1.0	97.0

Operational Changes to Defaults

Home-based work urban trip length changed from 12.7 miles to 10 miles

Home-based work rural trip length changed from 17.6 miles to 10 miles

Home-based shop urban trip length changed from 7 miles to 10 miles

Home-based shop rural trip length changed from 12.1 miles to 10 miles

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Commercial-based commute urban trip length changed from 13.3 miles to 10 miles

Commercial-based commute rural trip length changed from 15.4 miles to 10 miles

Commercial-based non-work urban trip length changed from 7.4 miles to 10 miles

Commercial-based non-work rural trip length changed from 9.6 miles to 10 miles

Commercial-based customer urban trip length changed from 8.9 miles to 10 miles

Commercial-based customer rural trip length changed from 12.6 miles to 10 miles

LA County - LRT 4 2030 (Operational)

Urbemis 2007 Version 9.2.4

Detail Report for Annual Operational Unmitigated Emissions (Tons/Year)

File Name: \\Sfops1\projects\Projects - All Employees\D2000000+\D2131600 EXPO Corridor Transit Project Phase 2 EIS\URBEMIS Files\LA County VMT\LA County - INT 1 2000 - 11-1-2004

Project Name: LA County - Existing Conditions

Project Location: Los Angeles County

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

OPERATIONAL EMISSION ESTIMATES (Annual Tons Per Year, Unmitigated)

Source	ROG	NOX	CO	SO2	PM10	PM25	CO2
VMT	11,447.28	13,126.45	131,696.29	400.99	70,214.88	13,570.62	40,493,891.60
TOTALS (tons/year, unmitigated)	11,447.28	13,126.45	131,696.29	400.99	70,214.88	13,570.62	40,493,891.60

Does not include correction for passby trips

Does not include double counting adjustment for internal trips

Analysis Year: 2030 Season: Annual

Emfac: Version : Emfac2007 V2.3 Nov 1 2006

Summary of Land Uses

Land Use Type	Acreage	Trip Rate	Unit Type	No. Units	Total Trips	Total VMT
VMT		1,000.00	1000 sq ft	22,315.23	22,315,230.47	223,152,304.69
					22,315,230.47	223,152,304.69

Vehicle Fleet Mix

Vehicle Type	Percent Type	Non-Catalyst	Catalyst	Diesel
Light Auto	51.7	0.0	100.0	0.0
Light Truck < 3750 lbs	6.7	0.0	100.0	0.0
Light Truck 3751-5750 lbs	23.5	0.0	100.0	0.0

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Med Truck 5751-8500 lbs	10.6	0.0	100.0	0.0
Lite-Heavy Truck 8501-10,000 lbs	1.7	0.0	82.4	17.6
Lite-Heavy Truck 10,001-14,000 lbs	0.5	0.0	60.0	40.0
Med-Heavy Truck 14,001-33,000 lbs	1.0	0.0	20.0	80.0
Heavy-Heavy Truck 33,001-60,000 lbs	0.5	0.0	0.0	100.0
Other Bus	0.1	0.0	0.0	100.0
Urban Bus	0.1	0.0	0.0	100.0
Motorcycle	2.5	32.0	68.0	0.0
School Bus	0.1	0.0	0.0	100.0
Motor Home	1.0	0.0	90.0	10.0

Travel Conditions

	Residential			Commercial	
	Home-Work	Home-Shop	Home-Other	Commute	Non-Work
Urban Trip Length (miles)	10.0	10.0	10.0	10.0	10.0
Rural Trip Length (miles)	10.0	10.0	10.0	10.0	10.0
Trip speeds (mph)	30.0	30.0	30.0	30.0	30.0
% of Trips - Residential	32.9	18.0	49.1		

% of Trips - Commercial (by land

use)
VMT

2.0 1.0 97.0

Operational Changes to Defaults

Home-based work urban trip length changed from 12.7 miles to 10 miles

Home-based work rural trip length changed from 17.6 miles to 10 miles

Home-based shop urban trip length changed from 7 miles to 10 miles

Home-based shop rural trip length changed from 12.1 miles to 10 miles

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Commercial-based customer urban trip length changed from 8.9 miles to 10 miles

Commercial-based customer rural trip length changed from 12.6 miles to 10 miles

Expo Construction 2010

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Urbemis 2007 Version 9.2.4

Combined Summer Emissions Reports (Pounds/Day)

File Name: C:\Documents and Settings\21479\Application Data\Urbemis\Version9a\Projects\Expo\Expo Construction Year 2010.urb924

Project Name: Expo Construction Year 2010

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

Summary Report:

CONSTRUCTION EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>
2010 TOTALS (lbs/day unmitigated)	13.89	129.14	51.76	0.01	100.03	5.85	105.88	20.89	5.38	26.27	13,940.09
2010 TOTALS (lbs/day mitigated)	13.89	129.14	51.76	0.01	51.84	5.85	57.69	10.83	5.38	16.21	13,940.09

Construction Unmitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Unmitigated

<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>

7/30/2008 9:18:19 PM

Time Slice 1/1/2010-12/31/2010 Active Days: 261	<u>13.89</u>	<u>129.14</u>	<u>51.76</u>	<u>0.01</u>	<u>100.03</u>	<u>5.85</u>	<u>105.88</u>	<u>20.89</u>	<u>5.38</u>	<u>26.27</u>	<u>13,940.09</u>
Asphalt 01/01/2010-12/31/2010	0.87	4.95	2.89	0.00	0.00	0.42	0.42	0.00	0.39	0.39	397.37
Paving Off-Gas	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	0.79	4.72	2.54	0.00	0.00	0.41	0.41	0.00	0.38	0.38	337.12
Paving On Road Diesel	0.02	0.21	0.08	0.00	0.00	0.01	0.01	0.00	0.01	0.01	29.15
Paving Worker Trips	0.01	0.02	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.10
Fine Grading 01/01/2010-12/31/2010	11.36	114.22	43.06	0.00	100.02	4.58	104.60	20.89	4.21	25.10	12,770.13
Fine Grading Dust	0.00	0.00	0.00	0.00	100.00	0.00	100.00	20.88	0.00	20.88	0.00
Fine Grading Off Road Diesel	11.23	113.99	39.12	0.00	0.00	4.56	4.56	0.00	4.20	4.20	12,303.65
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	0.23	3.93	0.00	0.02	0.01	0.03	0.01	0.01	0.02	466.48
Trenching 01/01/2010-12/31/2010	1.67	9.97	5.82	0.00	0.00	0.85	0.85	0.00	0.78	0.78	772.59
Trenching Off Road Diesel	1.65	9.94	5.30	0.00	0.00	0.85	0.85	0.00	0.78	0.78	710.39
Trenching Worker Trips	0.02	0.03	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.20

Phase Assumptions

Phase: Fine Grading 1/1/2010 - 12/31/2010 - Default Fine Site Grading/Excavation Description

Total Acres Disturbed: 5

Maximum Daily Acreage Disturbed: 5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

2 Air Compressors (106 hp) operating at a 0.48 load factor for 8 hours per day

2 Cranes (399 hp) operating at a 0.43 load factor for 8 hours per day

2 Dumpers/Tenders (16 hp) operating at a 0.38 load factor for 8 hours per day

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- 2 Generator Sets (549 hp) operating at a 0.74 load factor for 8 hours per day
- 2 Off Highway Trucks (479 hp) operating at a 0.57 load factor for 8 hours per day
- 2 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 2 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 1/1/2010 - 12/31/2010 - Default Trenching Description
Off-Road Equipment:
2 Trenchers (63 hp) operating at a 0.75 load factor for 8 hours per day

Phase: Paving 1/1/2010 - 12/31/2010 - Default Paving Description
Acres to be Paved: 5
Off-Road Equipment:
1 Pavers (100 hp) operating at a 0.62 load factor for 7 hours per day

Construction Mitigated Detail Report:
CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Mitigated

ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2

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Time Slice 1/1/2010-12/31/2010
Active Days: 261

Asphalt 01/01/2010-12/31/2010	<u>13.89</u>	<u>129.14</u>	<u>51.76</u>	<u>0.01</u>	<u>51.84</u>	<u>5.85</u>	<u>57.69</u>	<u>10.83</u>	<u>5.38</u>	<u>16.21</u>	<u>13,940.09</u>
Paving Off-Gas	0.87	4.95	2.89	0.00	0.00	0.42	0.42	0.00	0.39	0.39	397.37
Paving Off Road Diesel	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving On Road Diesel	0.79	4.72	2.54	0.00	0.00	0.41	0.41	0.00	0.38	0.38	337.12
Paving Worker Trips	0.02	0.21	0.08	0.00	0.00	0.01	0.01	0.00	0.01	0.01	29.15
	0.01	0.02	0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.10
Fine Grading 01/01/2010-12/31/2010	11.36	114.22	43.06	0.00	51.83	4.58	56.41	10.83	4.21	15.04	12,770.13
Fine Grading Dust	0.00	0.00	0.00	0.00	51.81	0.00	51.81	10.82	0.00	10.82	0.00
Fine Grading Off Road Diesel	11.23	113.99	39.12	0.00	0.00	4.56	4.56	0.00	4.20	4.20	12,303.65
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	0.23	3.93	0.00	0.02	0.01	0.03	0.01	0.01	0.02	466.48
Trenching 01/01/2010-12/31/2010	1.67	9.97	5.82	0.00	0.00	0.85	0.85	0.00	0.78	0.78	772.59
Trenching Off Road Diesel	1.65	9.94	5.30	0.00	0.00	0.85	0.85	0.00	0.78	0.78	710.39
Trenching Worker Trips	0.02	0.03	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.20

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Fine Grading 1/1/2010 - 12/31/2010 - Default Fine Site Grading/Excavation Description
For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

Expo Construction 2011

Project Name: Expo Construction Year 2011

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>
2011 TOTALS (lbs/day unmitigated)	47.36	352.13	166.11	0.01	100.05	17.71	117.76	16.29	37.19	40,396.56
2011 TOTALS (lbs/day mitigated)	47.36	352.13	166.11	0.01	51.86	17.71	69.57	16.29	27.13	40,396.56

CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Unmitigated

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO₂</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO₂</u>
Time Slice 1/3/2011-12/30/2011 Active Days: 260	<u>47.36</u>	<u>352.13</u>	<u>166.11</u>	<u>0.01</u>	<u>100.05</u>	<u>17.71</u>	<u>20.90</u>	<u>16.29</u>	<u>37.19</u>	<u>40,396.56</u>

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Asphalt 01/01/2011-12/31/2011	2.10	12.85	11.11	0.00	0.02	1.11	1.13	0.01	1.02	1.03	1,592.62
Paving Off-Gas	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	1.96	12.52	8.60	0.00	0.00	1.10	1.10	0.00	1.01	1.01	1,252.56
Paving On Road Diesel	0.02	0.19	0.07	0.00	0.00	0.01	0.01	0.00	0.01	0.01	29.15
Paving Worker Trips	0.08	0.14	2.44	0.00	0.01	0.01	0.02	0.01	0.01	0.01	310.92
Building 01/01/2011-12/31/2011	38.36	284.93	129.32	0.00	0.00	13.89	13.89	0.00	12.77	12.78	33,006.50
Building Off Road Diesel	38.35	284.86	128.97	0.00	0.00	13.88	13.88	0.00	12.77	12.77	32,956.46
Building Vendor Trips	0.00	0.05	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.24
Building Worker Trips	0.01	0.02	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.80
Coating 01/01/2011-12/31/2011	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60
Architectural Coating	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coating Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60
Fine Grading 01/01/2011-12/31/2011	4.90	44.83	19.95	0.01	100.03	1.89	101.92	20.89	1.74	22.64	5,024.26
Fine Grading Dust	0.00	0.00	0.00	0.00	100.00	0.00	100.00	20.88	0.00	20.88	0.00
Fine Grading Off Road Diesel	4.54	40.66	16.91	0.00	0.00	1.72	1.72	0.00	1.59	1.59	4,219.41
Fine Grading On Road Diesel	0.32	4.09	1.57	0.01	0.02	0.16	0.18	0.01	0.15	0.16	618.30
Fine Grading Worker Trips	0.05	0.08	1.46	0.00	0.01	0.01	0.01	0.00	0.00	0.01	186.55
Trenching 01/01/2011-12/31/2011	1.58	9.52	5.72	0.00	0.00	0.82	0.82	0.00	0.75	0.75	772.57
Trenching Off Road Diesel	1.57	9.49	5.23	0.00	0.00	0.82	0.82	0.00	0.75	0.75	710.39
Trenching Worker Trips	0.02	0.03	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	62.18

Phase Assumptions

Phase: Fine Grading 1/1/2011 - 12/31/2011 - Default Fine Site Grading/Excavation Description

Total Acres Disturbed: 5

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Maximum Daily Acreage Disturbed: 5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 145.88

Off-Road Equipment:

2 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day

1 Scrapers (313 hp) operating at a 0.72 load factor for 8 hours per day

3 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 1/1/2011 - 12/31/2011 - Type Your Description Here

Off-Road Equipment:

2 Trenchers (63 hp) operating at a 0.75 load factor for 8 hours per day

Phase: Paving 1/1/2011 - 12/31/2011 - Default Paving Description

Acres to be Paved: 5

Off-Road Equipment:

2 Cement and Mortar Mixers (10 hp) operating at a 0.56 load factor for 6 hours per day

4 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day

4 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day

Phase: Building Construction 1/1/2011 - 12/31/2011 - Default Building Construction Description

Off-Road Equipment:

8 Air Compressors (106 hp) operating at a 0.48 load factor for 8 hours per day

1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day

8 Cranes (399 hp) operating at a 0.43 load factor for 4 hours per day

6 Dumpers/Tenders (16 hp) operating at a 0.38 load factor for 8 hours per day

8 Generator Sets (49 hp) operating at a 0.74 load factor for 8 hours per day

12 Off Highway Trucks (479 hp) operating at a 0.57 load factor for 8 hours per day

2 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day

4 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

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3 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 8 hours per day

Phase: Architectural Coating 1/1/2011 - 12/31/2011 - Default Architectural Coating Description

Rule: Residential Interior Coatings begins 1/1/2005 ends 6/30/2008 specifies a VOC of 100

Rule: Residential Interior Coatings begins 7/1/2008 ends 12/31/2040 specifies a VOC of 50

Rule: Residential Exterior Coatings begins 1/1/2005 ends 6/30/2008 specifies a VOC of 250

Rule: Residential Exterior Coatings begins 7/1/2008 ends 12/31/2040 specifies a VOC of 100

Rule: Nonresidential Interior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250

Rule: Nonresidential Exterior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250

Construction Mitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Mitigated

ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2

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For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

Expo Construction 2012

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Urbemis 2007 Version 9.2.4

Combined Summer Emissions Reports (Pounds/Day)

File Name: C:\Documents and Settings\21479\Application Data\Urbemis\Version9a\Projects\Expo\Expo Construction Year 2012.urb924

Project Name: Expo Construction Year 2012

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

Summary Report:

CONSTRUCTION EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>
2012 TOTALS (lbs/day unmitigated)	62.12	463.36	208.91	0.01	100.04	21.29	121.33	20.90	19.58	40.48	58,614.25
2012 TOTALS (lbs/day mitigated)	62.12	463.36	208.91	0.01	51.85	21.29	73.14	10.83	19.58	30.42	58,614.25

Construction Unmitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Unmitigated

<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>

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On Road Truck Travel (VMT): 145.32

Off-Road Equipment:

1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day

2 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Paving 1/1/2012 - 12/31/2012 - Default Paving Description

Acres to be Paved: 5

Off-Road Equipment:

3 Cement and Mortar Mixers (10 hp) operating at a 0.56 load factor for 6 hours per day

5 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day

Phase: Building Construction 1/1/2012 - 12/31/2012 - Default Building Construction Description

Off-Road Equipment:

12 Air Compressors (106 hp) operating at a 0.48 load factor for 8 hours per day

9 Cranes (399 hp) operating at a 0.43 load factor for 4 hours per day

4 Dumpers/Tenders (16 hp) operating at a 0.38 load factor for 8 hours per day

12 Generator Sets (49 hp) operating at a 0.74 load factor for 8 hours per day

22 Off Highway Trucks (479 hp) operating at a 0.57 load factor for 8 hours per day

5 Other Equipment (190 hp) operating at a 0.62 load factor for 8 hours per day

2 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day

6 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

1 Scrapers (313 hp) operating at a 0.72 load factor for 8 hours per day

4 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 8 hours per day

Phase: Architectural Coating 1/1/2012 - 12/31/2012 - Default Architectural Coating Description

Rule: Residential Interior Coatings begins 1/1/2005 ends 6/30/2008 specifies a VOC of 100

Rule: Residential Interior Coatings begins 7/1/2008 ends 12/31/2040 specifies a VOC of 50

Rule: Residential Exterior Coatings begins 1/1/2005 ends 6/30/2008 specifies a VOC of 250

Rule: Residential Exterior Coatings begins 7/1/2008 ends 12/31/2040 specifies a VOC of 100

Rule: Nonresidential Interior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250

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Rule: Nonresidential Exterior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250

Construction Mitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Mitigated

COG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2

Construction Related Mitigation Measures

PM10: 61% PM25: 61%

Expo Construction 2013

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Urbemis 2007 Version 9.2.4

Combined Summer Emissions Reports (Pounds/Day)

File Name: C:\Documents and Settings\21479\Application Data\Urbemis\Version9a\Projects\Expo\Expo Construction Year 2013.urb924

Project Name: Expo Construction Year 2013

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

Summary Report:

CONSTRUCTION EMISSION ESTIMATES

	<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>
2013 TOTALS (lbs/day unmitigated)	41.29	298.73	139.65	0.01	100.04	14.32	114.36	20.90	13.17	34.07	41,346.52
2013 TOTALS (lbs/day mitigated)	41.29	298.73	139.65	0.01	51.85	14.32	66.17	10.83	13.17	24.01	41,346.52

Construction Unmitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Unmitigated

<u>ROG</u>	<u>NOx</u>	<u>CO</u>	<u>SO2</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5</u>	<u>CO2</u>

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Time Slice 1/1/2013-12/31/2013
Active Days: 261

Asphalt 01/01/2013-12/31/2013	41.29	298.73	139.65	0.01	100.04	14.32	114.36	20.90	13.17	34.07	41,346.52
Paving Off-Gas	1.99	11.71	9.49	0.00	0.01	0.96	0.98	0.01	0.89	0.89	1,376.12
Paving Off Road Diesel	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving On Road Diesel	1.87	11.45	7.53	0.00	0.00	0.95	0.95	0.00	0.88	0.88	1,067.23
Paving Worker Trips	0.01	0.15	0.06	0.00	0.00	0.01	0.01	0.00	0.01	0.01	29.15
	0.06	0.11	1.90	0.00	0.01	0.01	0.02	0.00	0.01	0.01	279.75
Building 01/01/2013-12/31/2013	37.13	271.35	122.89	0.00	0.00	12.71	12.71	0.00	11.69	11.69	37,691.77
Building Off Road Diesel	37.12	271.30	122.59	0.00	0.00	12.71	12.71	0.00	11.69	11.69	37,641.74
Building Vendor Trips	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.24
Building Worker Trips	0.01	0.02	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.79
Coating 01/01/2013-12/31/2013	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60
Architectural Coating	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coating Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60
Fine Grading 01/01/2013-12/31/2013	1.76	15.66	7.27	0.01	100.02	0.65	100.67	20.89	0.59	21.49	2,278.04
Fine Grading Dust	0.00	0.00	0.00	0.00	100.00	0.00	100.00	20.88	0.00	20.88	0.00
Fine Grading Off Road Diesel	1.47	12.42	5.39	0.00	0.00	0.52	0.52	0.00	0.48	0.48	1,566.49
Fine Grading On Road Diesel	0.27	3.21	1.25	0.01	0.02	0.12	0.14	0.01	0.11	0.12	618.30
Fine Grading Worker Trips	0.02	0.04	0.63	0.00	0.00	0.00	0.01	0.00	0.00	0.00	93.25

Phase Assumptions

Phase: Fine Grading 1/1/2013 - 12/31/2013 - Default Fine Site Grading/Excavation Description

Total Acres Disturbed: 5

Maximum Daily Acreage Disturbed: 5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

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On Road Truck Travel (VMT): 145.88

Off-Road Equipment:

- 1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day
- 2 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Paving 1/1/2013 - 12/31/2013 - Default Paving Description

Acres to be Paved: 5

Off-Road Equipment:

- 2 Cement and Mortar Mixers (10 hp) operating at a 0.56 load factor for 6 hours per day
- 2 Pavers (100 hp) operating at a 0.62 load factor for 7 hours per day
- 4 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 7 hours per day

Phase: Building Construction 1/1/2013 - 12/31/2013 - Default Building Construction Description

Off-Road Equipment:

- 8 Air Compressors (106 hp) operating at a 0.48 load factor for 8 hours per day
- 7 Cranes (399 hp) operating at a 0.43 load factor for 4 hours per day
- 1 Dumpers/Tenders (16 hp) operating at a 0.38 load factor for 8 hours per day
- 8 Generator Sets (49 hp) operating at a 0.74 load factor for 8 hours per day
- 16 Off Highway Trucks (479 hp) operating at a 0.57 load factor for 8 hours per day
- 4 Other Equipment (190 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 4 Tractors/Loaders/Backhoes (108 hp) operating at a 0.55 load factor for 8 hours per day

Phase: Architectural Coating 1/1/2013 - 12/31/2013 - Default Architectural Coating Description

Rule: Residential Interior Coatings begins 1/1/2005 ends 6/30/2008 specifies a VOC of 100

Rule: Residential Interior Coatings begins 7/1/2008 ends 12/31/2040 specifies a VOC of 50

Rule: Residential Exterior Coatings begins 1/1/2005 ends 6/30/2008 specifies a VOC of 250

Rule: Residential Exterior Coatings begins 7/1/2008 ends 12/31/2040 specifies a VOC of 100

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Rule: Nonresidential Interior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250

Rule: Nonresidential Exterior Coatings begins 1/1/2005 ends 12/31/2040 specifies a VOC of 250

Construction Mitigated Detail Report:

CONSTRUCTION EMISSION ESTIMATES Summer Pounds Per Day, Mitigated

ROG	NOx	CO	SO2	PM10 Dust	PM10 Exhaust	PM10	PM2.5 Dust	PM2.5 Exhaust	PM2.5	CO2

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Time Slice 1/1/2013-12/31/2013
Active Days: 261

Asphalt 01/01/2013-12/31/2013	<u>41.29</u>	<u>298.73</u>	<u>139.65</u>	<u>0.01</u>	<u>51.85</u>	<u>14.32</u>	<u>66.17</u>	<u>10.83</u>	<u>13.17</u>	<u>24.01</u>	<u>41,346.52</u>
Paving Off-Gas	1.99	11.71	9.49	0.00	0.01	0.96	0.98	0.01	0.89	0.89	1,376.12
Paving Off Road Diesel	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving On Road Diesel	1.87	11.45	7.53	0.00	0.00	0.95	0.95	0.00	0.88	0.88	1,067.23
Paving Worker Trips	0.01	0.15	0.06	0.00	0.00	0.01	0.01	0.00	0.01	0.01	29.15
	0.06	0.11	1.90	0.00	0.01	0.01	0.02	0.00	0.01	0.01	279.75
Building 01/01/2013-12/31/2013	37.13	271.35	122.89	0.00	0.00	12.71	12.71	0.00	11.69	11.69	37,691.77
Building Off Road Diesel	37.12	271.30	122.59	0.00	0.00	12.71	12.71	0.00	11.69	11.69	37,641.74
Building Vendor Trips	0.00	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.24
Building Worker Trips	0.01	0.02	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	39.79
Coating 01/01/2013-12/31/2013	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60
Architectural Coating	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Coating Worker Trips	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60
Fine Grading 01/01/2013-12/31/2013	1.76	15.66	7.27	0.01	51.83	0.65	52.48	10.83	0.59	11.42	2,278.04
Fine Grading Dust	0.00	0.00	0.00	0.00	51.81	0.00	51.81	10.82	0.00	10.82	0.00
Fine Grading Off Road Diesel	1.47	12.42	5.39	0.00	0.00	0.52	0.52	0.00	0.48	0.48	1,566.49
Fine Grading On Road Diesel	0.27	3.21	1.25	0.01	0.02	0.12	0.14	0.01	0.11	0.12	618.30
Fine Grading Worker Trips	0.02	0.04	0.63	0.00	0.00	0.00	0.01	0.00	0.00	0.00	93.25

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Fine Grading 1/1/2013 - 12/31/2013 - Default Fine Site Grading/Excavation Description
For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

APPENDIX A1 CONSTRUCTION LST—URBEMIS OUTPUT

Appendix A1

Construction LST – URBEMIS Output

Assumptions for Urbemis Modeling

Equipment List	Urbemis	Horse Power/Load Factor	Hours
Asphalt Paver	Pavers	Default	8
Auger	Bore/Drill Rig	Default	8
Back hoe/Loader	Rubber Tire Loader	Default	8
Concrete Truck & Pump	Cement & Mortar	HP=405/0.570	8
Dozer	Rubber Tired Dozer	Default	8
Dump Truck	Dumper/Tender	HP=180/0.620	8
Excavator	Excavator	Default	8
Flat Bed Truck Gen	Other General Industrial Equipment	HP=475/0.510	8
Hand Compactor	Plate Compactor	HP=8/0.430	8
Lift Truck	Other General Industrial Equipment	HP=475/0.510	8
Trencher	Trencher	HP=135/0.640	8
Water Truck	Water Truck	Default	8
Wheel Compactor	other equipment	HP= 83/0.560	8
Wheel Loader	Rubber Tire Loader	Default	8
Crawler Crane	Crane	HP=215/0.510	6

Water Truck not added to the equipment list in the modeling for the RAS phases as it is assumed only one water truck would be onsite at a time all of these phases overlap with the Structure phases.

Some equipment usage hours were modified based on the size of the site and the overlap with other phases of the construction scenario using identical equipment.

Note: Results labeled as "Unmitigated" worksheets represent the emissions before the implementation of the BMPs.

Note: Results labeled as "Mitigated" worksheets represent the emissions after the implementation of the BMPs.

BMP's included as part of the modeling:

- The construction contractor shall ensure that all disturbed areas and stock piles are watered or soil stabilizers are applied as necessary to prevent visible dust plumes from these areas.
- The construction contractor shall ensure that all soils/debris/fill materials being loaded or unloaded at the site are watered down sufficiently to ensure that no visible dust plumes are generated during the loading/unloading activities (modeled with watering at 3 times per day (61% reduction) for all but the maintenance facility, maintenance facility modeled at 4 times per day (69% reduction).).
- The construction contractor shall ensure that all traffic on unpaved roads is reduced to fifteen (15) mph or less.
- The construction contractor shall ensure that all haul roads are watered as necessary to prevent visible dust plumes from these areas (modeled with watering at 3 times per day (61% reduction) for all but the maintenance facility, maintenance facility modeled at 4 times per day (69% reduction).
- The construction contractor shall limit disturbance of the site for grading activities to five (5) acres per day or less.

Bundy Bridge Station

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Urbemis 2007 Version 9.2.4

Detail Report for Summer Construction Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Bundy Bridge Structure\Bundy structure new dates.urb924

Project Name: Expo - Bundy Bridge Structure-08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Summer Pounds Per Day, Unmitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 7/4/2011-7/29/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Active Days: 20								
Trenching 07/04/2011-07/29/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Trenching Off Road Diesel	16.14	7.21	0.00	0.79	0.79	0.00	0.73	0.73
Trenching Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 8/1/2011-8/12/2011	32.62	16.94	6.76	1.60	8.36	1.41	1.47	2.88
Active Days: 10								
Demolition 08/01/2011-08/19/2011	21.23	10.33	6.75	0.97	7.72	1.41	0.89	2.30
Fugitive Dust	0.00	0.00	6.71	0.00	6.71	1.40	0.00	1.40
Demo Off Road Diesel	14.95	6.96	0.00	0.72	0.72	0.00	0.66	0.66
Demo On Road Diesel	6.22	2.39	0.03	0.25	0.28	0.01	0.23	0.24
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 08/01/2011-08/12/2011	11.39	6.61	0.00	0.63	0.63	0.00	0.58	0.58
Trenching Off Road Diesel	11.34	5.88	0.00	0.63	0.63	0.00	0.58	0.58
Trenching Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 8/15/2011-8/19/2011	36.36	18.45	8.15	1.71	9.86	1.70	1.57	3.27
Active Days: 5								
Demolition 08/01/2011-08/19/2011	21.23	10.33	6.75	0.97	7.72	1.41	0.89	2.30
Fugitive Dust	0.00	0.00	6.71	0.00	6.71	1.40	0.00	1.40
Demo Off Road Diesel	14.95	6.96	0.00	0.72	0.72	0.00	0.66	0.66
Demo On Road Diesel	6.22	2.39	0.03	0.25	0.28	0.01	0.23	0.24
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Demolition 08/15/2011-08/26/2011	15.13	8.12	1.40	0.74	2.14	0.29	0.68	0.97
Fugitive Dust	0.00	0.00	1.39	0.00	1.39	0.29	0.00	0.29
Demo Off Road Diesel	13.79	6.65	0.00	0.68	0.68	0.00	0.63	0.63
Demo On Road Diesel	1.28	0.49	0.01	0.05	0.06	0.00	0.05	0.05
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 8/22/2011-8/26/2011	28.52	15.27	<u>51.40</u>	1.41	<u>52.81</u>	<u>10.74</u>	1.29	<u>12.03</u>
Active Days: 5								
Demolition 08/15/2011-08/26/2011	15.13	8.12	1.40	0.74	2.14	0.29	0.68	0.97
Fugitive Dust	0.00	0.00	1.39	0.00	1.39	0.29	0.00	0.29
Demo Off Road Diesel	13.79	6.65	0.00	0.68	0.68	0.00	0.63	0.63
Demo On Road Diesel	1.28	0.49	0.01	0.05	0.06	0.00	0.05	0.05
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Mass Grading 08/22/2011-09/09/2011	13.38	7.15	50.00	0.67	50.67	10.44	0.62	11.06
Mass Grading Dust	0.00	0.00	50.00	0.00	50.00	10.44	0.00	10.44
Mass Grading Off Road Diesel	13.34	6.42	0.00	0.67	0.67	0.00	0.61	0.61
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 8/29/2011-9/9/2011	13.38	7.15	50.00	0.67	50.67	10.44	0.62	11.06
Active Days: 10								
Mass Grading 08/22/2011-09/09/2011	13.38	7.15	50.00	0.67	50.67	10.44	0.62	11.06
Mass Grading Dust	0.00	0.00	50.00	0.00	50.00	10.44	0.00	10.44
Mass Grading Off Road Diesel	13.34	6.42	0.00	0.67	0.67	0.00	0.61	0.61
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00
Time Slice 9/12/2011-10/21/2011	<u>53.95</u>	<u>23.66</u>	20.01	<u>2.38</u>	22.39	4.18	<u>2.19</u>	6.37
Active Days: 30								
Fine Grading 09/12/2011-10/21/2011	53.95	23.66	20.01	2.38	22.39	4.18	2.19	6.37
Fine Grading Dust	0.00	0.00	20.00	0.00	20.00	4.18	0.00	4.18
Fine Grading Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.10	1.71	0.01	0.01	0.02	0.00	0.00	0.01
Time Slice 10/24/2011-12/16/2011	37.93	14.96	0.00	1.63	1.63	0.00	1.50	1.50
Active Days: 40								
Building 10/24/2011-12/16/2011	37.93	14.96	0.00	1.63	1.63	0.00	1.50	1.50
Building Off Road Diesel	37.84	14.52	0.00	1.63	1.63	0.00	1.50	1.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.39	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 12/19/2011-12/30/2011	37.93	14.96	0.00	1.63	1.63	0.00	1.50	1.50
Active Days: 10								
Building 12/19/2011-02/24/2012	37.93	14.96	0.00	1.63	1.63	0.00	1.50	1.50
Building Off Road Diesel	37.84	14.52	0.00	1.63	1.63	0.00	1.50	1.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.39	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 1/2/2012-2/3/2012 Active Days: 25	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building 12/19/2011-02/24/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 2/6/2012-2/17/2012 Active Days: 10	71.19	28.05	0.01	2.90	2.91	0.00	2.67	2.67
Building 02/06/2012-02/17/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Building 12/19/2011-02/24/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 2/20/2012-2/24/2012 Active Days: 5	60.38	29.26	<u>40.02</u>	2.79	<u>42.80</u>	<u>8.36</u>	2.56	<u>10.92</u>
Building 12/19/2011-02/24/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 02/20/2012-05/11/2012	24.79	15.23	40.01	1.34	41.35	8.36	1.23	9.59
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01

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Time Slice 2/27/2012-3/23/2012	60.38	29.26	<u>40.02</u>	2.79	<u>42.80</u>	<u>8.36</u>	2.56	<u>10.92</u>
Active Days: 20								
Building 02/27/2012-03/23/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 02/20/2012-05/11/2012	24.79	15.23	40.01	1.34	41.35	8.36	1.23	9.59
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01
Time Slice 3/26/2012-5/11/2012	60.38	29.26	<u>40.02</u>	2.79	<u>42.80</u>	<u>8.36</u>	2.56	<u>10.92</u>
Active Days: 35								
Building 03/26/2012-06/29/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 02/20/2012-05/11/2012	24.79	15.23	40.01	1.34	41.35	8.36	1.23	9.59
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01

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Time Slice 5/14/2012-6/18/2012	<u>74.57</u>	<u>30.39</u>	15.01	<u>3.02</u>	18.03	3.14	<u>2.78</u>	5.91
Active Days: 26								
Building 03/26/2012-06/29/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 05/14/2012-06/18/2012	38.98	16.37	15.01	1.57	16.57	3.13	1.44	4.58
Fine Grading Dust	0.00	0.00	15.00	0.00	15.00	3.13	0.00	3.13
Fine Grading Off Road Diesel	38.93	15.46	0.00	1.56	1.56	0.00	1.44	1.44
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 6/19/2012-6/29/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Active Days: 9								
Building 03/26/2012-06/29/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00

Phase Assumptions

Phase: Demolition 8/1/2011 - 8/19/2011 - BBS - Demolition & Removal

Building Volume Total (cubic feet): 239927.5

Building Volume Daily (cubic feet): 15987

On Road Truck Travel (VMT): 222.04

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Demolition 8/15/2011 - 8/26/2011 - RFA - Demolition and Track Removal

Building Volume Total (cubic feet): 32998.8

Building Volume Daily (cubic feet): 3300.78

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On Road Truck Travel (VMT): 45.84

Off-Road Equipment:

- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Fine Grading 9/12/2011 - 10/21/2011 - BSS - CIPH Construction

Total Acres Disturbed: 1

Maximum Daily Acreage Disturbed: 1

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Fine Grading 2/20/2012 - 5/11/2012 - RFA - Placing Precast Panels

Total Acres Disturbed: 2

Maximum Daily Acreage Disturbed: 2

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 4 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day
- 1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day
- 2 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day

Phase: Fine Grading 5/14/2012 - 6/18/2012 - RFA - CIP Concrete Barrier Slab & OCS Foundations

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Total Acres Disturbed: 0.75

Maximum Daily Acreage Disturbed: 0.75

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day

1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Mass Grading 8/22/2011 - 9/9/2011 - BSS - Excavation

Total Acres Disturbed: 2.5

Maximum Daily Acreage Disturbed: 2.5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 7/4/2011 - 7/29/2011 - BBS - Utility Relocation

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day

1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 8/1/2011 - 8/12/2011 - RFA - Utility Relocation

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day

1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day

Phase: Building Construction 10/24/2011 - 12/16/2011 - BSS - Abutment Foundation

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Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 12/19/2011 - 2/24/2012 - BSS - Abutment

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 2/6/2012 - 2/17/2012 - RFA - Leveling Slab

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 2/27/2012 - 3/23/2012 - BSS - Erect False Work Erection

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 3/26/2012 - 6/29/2012 - BSS - Brudge Slab Construction

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

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Urbemis 2007 Version 9.2.4

Detail Report for Winter Construction Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Bundy Bridge Structure\Bundy structure new dates.urb924

Project Name: Expo - Bundy Bridge Structure-08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Winter Pounds Per Day, Unmitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 7/4/2011-7/29/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Active Days: 20								
Trenching 07/04/2011-07/29/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Trenching Off Road Diesel	16.14	7.21	0.00	0.79	0.79	0.00	0.73	0.73
Trenching Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 8/1/2011-8/12/2011	32.62	16.94	6.76	1.60	8.36	1.41	1.47	2.88
Active Days: 10								
Demolition 08/01/2011-08/19/2011	21.23	10.33	6.75	0.97	7.72	1.41	0.89	2.30
Fugitive Dust	0.00	0.00	6.71	0.00	6.71	1.40	0.00	1.40
Demo Off Road Diesel	14.95	6.96	0.00	0.72	0.72	0.00	0.66	0.66
Demo On Road Diesel	6.22	2.39	0.03	0.25	0.28	0.01	0.23	0.24
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 08/01/2011-08/12/2011	11.39	6.61	0.00	0.63	0.63	0.00	0.58	0.58
Trenching Off Road Diesel	11.34	5.88	0.00	0.63	0.63	0.00	0.58	0.58
Trenching Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 8/15/2011-8/19/2011	36.36	18.45	8.15	1.71	9.86	1.70	1.57	3.27
Active Days: 5								
Demolition 08/01/2011-08/19/2011	21.23	10.33	6.75	0.97	7.72	1.41	0.89	2.30
Fugitive Dust	0.00	0.00	6.71	0.00	6.71	1.40	0.00	1.40
Demo Off Road Diesel	14.95	6.96	0.00	0.72	0.72	0.00	0.66	0.66
Demo On Road Diesel	6.22	2.39	0.03	0.25	0.28	0.01	0.23	0.24
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Demolition 08/15/2011-08/26/2011	15.13	8.12	1.40	0.74	2.14	0.29	0.68	0.97
Fugitive Dust	0.00	0.00	1.39	0.00	1.39	0.29	0.00	0.29
Demo Off Road Diesel	13.79	6.65	0.00	0.68	0.68	0.00	0.63	0.63
Demo On Road Diesel	1.28	0.49	0.01	0.05	0.06	0.00	0.05	0.05
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 8/22/2011-8/26/2011	28.52	15.27	<u>51.40</u>	1.41	<u>52.81</u>	<u>10.74</u>	1.29	<u>12.03</u>
Active Days: 5								
Demolition 08/15/2011-08/26/2011	15.13	8.12	1.40	0.74	2.14	0.29	0.68	0.97
Fugitive Dust	0.00	0.00	1.39	0.00	1.39	0.29	0.00	0.29
Demo Off Road Diesel	13.79	6.65	0.00	0.68	0.68	0.00	0.63	0.63
Demo On Road Diesel	1.28	0.49	0.01	0.05	0.06	0.00	0.05	0.05
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Mass Grading 08/22/2011-09/09/2011	13.38	7.15	50.00	0.67	50.67	10.44	0.62	11.06
Mass Grading Dust	0.00	0.00	50.00	0.00	50.00	10.44	0.00	10.44
Mass Grading Off Road Diesel	13.34	6.42	0.00	0.67	0.67	0.00	0.61	0.61
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 8/29/2011-9/9/2011	13.38	7.15	50.00	0.67	50.67	10.44	0.62	11.06
Active Days: 10								
Mass Grading 08/22/2011-09/09/2011	13.38	7.15	50.00	0.67	50.67	10.44	0.62	11.06
Mass Grading Dust	0.00	0.00	50.00	0.00	50.00	10.44	0.00	10.44
Mass Grading Off Road Diesel	13.34	6.42	0.00	0.67	0.67	0.00	0.61	0.61
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00
Time Slice 9/12/2011-10/21/2011	<u>53.95</u>	<u>23.66</u>	20.01	<u>2.38</u>	22.39	4.18	<u>2.19</u>	6.37
Active Days: 30								
Fine Grading 09/12/2011-10/21/2011	53.95	23.66	20.01	2.38	22.39	4.18	2.19	6.37
Fine Grading Dust	0.00	0.00	20.00	0.00	20.00	4.18	0.00	4.18
Fine Grading Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.10	1.71	0.01	0.01	0.02	0.00	0.00	0.01
Time Slice 10/24/2011-12/16/2011	37.93	14.96	0.00	1.63	1.63	0.00	1.50	1.50
Active Days: 40								
Building 10/24/2011-12/16/2011	37.93	14.96	0.00	1.63	1.63	0.00	1.50	1.50
Building Off Road Diesel	37.84	14.52	0.00	1.63	1.63	0.00	1.50	1.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.39	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 12/19/2011-12/30/2011	37.93	14.96	0.00	1.63	1.63	0.00	1.50	1.50
Active Days: 10								
Building 12/19/2011-02/24/2012	37.93	14.96	0.00	1.63	1.63	0.00	1.50	1.50
Building Off Road Diesel	37.84	14.52	0.00	1.63	1.63	0.00	1.50	1.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.39	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 1/2/2012-2/3/2012 Active Days: 25	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building 12/19/2011-02/24/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 2/6/2012-2/17/2012 Active Days: 10	71.19	28.05	0.01	2.90	2.91	0.00	2.67	2.67
Building 02/06/2012-02/17/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Building 12/19/2011-02/24/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 2/20/2012-2/24/2012 Active Days: 5	60.38	29.26	<u>40.02</u>	2.79	<u>42.80</u>	<u>8.36</u>	2.56	<u>10.92</u>
Building 12/19/2011-02/24/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 02/20/2012-05/11/2012	24.79	15.23	40.01	1.34	41.35	8.36	1.23	9.59
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01

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Time Slice 2/27/2012-3/23/2012	60.38	29.26	<u>40.02</u>	2.79	<u>42.80</u>	<u>8.36</u>	2.56	<u>10.92</u>
Active Days: 20								
Building 02/27/2012-03/23/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 02/20/2012-05/11/2012	24.79	15.23	40.01	1.34	41.35	8.36	1.23	9.59
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01
Time Slice 3/26/2012-5/11/2012	60.38	29.26	<u>40.02</u>	2.79	<u>42.80</u>	<u>8.36</u>	2.56	<u>10.92</u>
Active Days: 35								
Building 03/26/2012-06/29/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 02/20/2012-05/11/2012	24.79	15.23	40.01	1.34	41.35	8.36	1.23	9.59
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01

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Time Slice 5/14/2012-6/18/2012	74.57	30.39	15.01	3.02	18.03	3.14	2.78	5.91
Active Days: 26								
Building 03/26/2012-06/29/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 05/14/2012-06/18/2012	38.98	16.37	15.01	1.57	16.57	3.13	1.44	4.58
Fine Grading Dust	0.00	0.00	15.00	0.00	15.00	3.13	0.00	3.13
Fine Grading Off Road Diesel	38.93	15.46	0.00	1.56	1.56	0.00	1.44	1.44
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 6/19/2012-6/29/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Active Days: 9								
Building 03/26/2012-06/29/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00

Phase Assumptions

Phase: Demolition 8/1/2011 - 8/19/2011 - BBS - Demolition & Removal

Building Volume Total (cubic feet): 239927.5

Building Volume Daily (cubic feet): 15987

On Road Truck Travel (VMT): 222.04

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Demolition 8/15/2011 - 8/26/2011 - RFA - Demolition and Track Removal

Building Volume Total (cubic feet): 32998.8

Building Volume Daily (cubic feet): 3300.78

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On Road Truck Travel (VMT): 45.84

Off-Road Equipment:

- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Fine Grading 9/12/2011 - 10/21/2011 - BSS - CIPH Construction

Total Acres Disturbed: 1

Maximum Daily Acreage Disturbed: 1

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Fine Grading 2/20/2012 - 5/11/2012 - RFA - Placing Precast Panels

Total Acres Disturbed: 2

Maximum Daily Acreage Disturbed: 2

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 4 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day
- 1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day
- 2 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day

Phase: Fine Grading 5/14/2012 - 6/18/2012 - RFA - CIP Concrete Barrier Slab & OCS Foundations

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Total Acres Disturbed: 0.75

Maximum Daily Acreage Disturbed: 0.75

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day

1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Mass Grading 8/22/2011 - 9/9/2011 - BSS - Excavation

Total Acres Disturbed: 2.5

Maximum Daily Acreage Disturbed: 2.5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 7/4/2011 - 7/29/2011 - BBS - Utility Relocation

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day

1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 8/1/2011 - 8/12/2011 - RFA - Utility Relocation

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day

1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day

Phase: Building Construction 10/24/2011 - 12/16/2011 - BSS - Abutment Foundation

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Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 12/19/2011 - 2/24/2012 - BSS - Abutment

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 2/6/2012 - 2/17/2012 - RFA - Leveling Slab

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 2/27/2012 - 3/23/2012 - BSS - Erect False Work Erection

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 3/26/2012 - 6/29/2012 - BSS - Brudge Slab Construction

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

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Urbemis 2007 Version 9.2.4

Detail Report for Summer Construction Mitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Bundy Bridge Structure\Bundy structure new dates.urb924

Project Name: Expo - Bundy Bridge Structure-08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Summer Pounds Per Day, Mitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 7/4/2011-7/29/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Active Days: 20								
Trenching 07/04/2011-07/29/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Trenching Off Road Diesel	16.14	7.21	0.00	0.79	0.79	0.00	0.73	0.73
Trenching Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 8/1/2011-8/12/2011	32.62	16.94	6.76	1.60	8.36	1.41	1.47	2.88
Active Days: 10								
Demolition 08/01/2011-08/19/2011	21.23	10.33	6.75	0.97	7.72	1.41	0.89	2.30
Fugitive Dust	0.00	0.00	6.71	0.00	6.71	1.40	0.00	1.40
Demo Off Road Diesel	14.95	6.96	0.00	0.72	0.72	0.00	0.66	0.66
Demo On Road Diesel	6.22	2.39	0.03	0.25	0.28	0.01	0.23	0.24
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 08/01/2011-08/12/2011	11.39	6.61	0.00	0.63	0.63	0.00	0.58	0.58
Trenching Off Road Diesel	11.34	5.88	0.00	0.63	0.63	0.00	0.58	0.58
Trenching Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 8/15/2011-8/19/2011	36.36	18.45	<u>8.15</u>	1.71	<u>9.86</u>	<u>1.70</u>	1.57	<u>3.27</u>
Active Days: 5								
Demolition 08/01/2011-08/19/2011	21.23	10.33	6.75	0.97	7.72	1.41	0.89	2.30
Fugitive Dust	0.00	0.00	6.71	0.00	6.71	1.40	0.00	1.40
Demo Off Road Diesel	14.95	6.96	0.00	0.72	0.72	0.00	0.66	0.66
Demo On Road Diesel	6.22	2.39	0.03	0.25	0.28	0.01	0.23	0.24
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Demolition 08/15/2011-08/26/2011	15.13	8.12	1.40	0.74	2.14	0.29	0.68	0.97
Fugitive Dust	0.00	0.00	1.39	0.00	1.39	0.29	0.00	0.29
Demo Off Road Diesel	13.79	6.65	0.00	0.68	0.68	0.00	0.63	0.63
Demo On Road Diesel	1.28	0.49	0.01	0.05	0.06	0.00	0.05	0.05
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 8/22/2011-8/26/2011	28.52	15.27	4.46	1.41	5.87	0.93	1.29	2.23
Active Days: 5								
Demolition 08/15/2011-08/26/2011	15.13	8.12	1.40	0.74	2.14	0.29	0.68	0.97
Fugitive Dust	0.00	0.00	1.39	0.00	1.39	0.29	0.00	0.29
Demo Off Road Diesel	13.79	6.65	0.00	0.68	0.68	0.00	0.63	0.63
Demo On Road Diesel	1.28	0.49	0.01	0.05	0.06	0.00	0.05	0.05
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Mass Grading 08/22/2011-09/09/2011	13.38	7.15	3.06	0.67	3.73	0.64	0.62	1.26
Mass Grading Dust	0.00	0.00	3.06	0.00	3.06	0.64	0.00	0.64
Mass Grading Off Road Diesel	13.34	6.42	0.00	0.67	0.67	0.00	0.61	0.61
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 8/29/2011-9/9/2011	13.38	7.15	3.06	0.67	3.73	0.64	0.62	1.26
Active Days: 10								
Mass Grading 08/22/2011-09/09/2011	13.38	7.15	3.06	0.67	3.73	0.64	0.62	1.26
Mass Grading Dust	0.00	0.00	3.06	0.00	3.06	0.64	0.00	0.64
Mass Grading Off Road Diesel	13.34	6.42	0.00	0.67	0.67	0.00	0.61	0.61
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00
Time Slice 9/12/2011-10/21/2011	<u>53.95</u>	<u>23.66</u>	1.23	<u>2.38</u>	3.62	0.26	<u>2.19</u>	2.45
Active Days: 30								
Fine Grading 09/12/2011-10/21/2011	53.95	23.66	1.23	2.38	3.62	0.26	2.19	2.45
Fine Grading Dust	0.00	0.00	1.22	0.00	1.22	0.26	0.00	0.26
Fine Grading Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.10	1.71	0.01	0.01	0.02	0.00	0.00	0.01
Time Slice 10/24/2011-12/16/2011	37.93	14.96	0.00	1.63	1.63	0.00	1.50	1.50
Active Days: 40								
Building 10/24/2011-12/16/2011	37.93	14.96	0.00	1.63	1.63	0.00	1.50	1.50
Building Off Road Diesel	37.84	14.52	0.00	1.63	1.63	0.00	1.50	1.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.39	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 12/19/2011-12/30/2011	37.93	14.96	0.00	1.63	1.63	0.00	1.50	1.50
Active Days: 10								
Building 12/19/2011-02/24/2012	37.93	14.96	0.00	1.63	1.63	0.00	1.50	1.50
Building Off Road Diesel	37.84	14.52	0.00	1.63	1.63	0.00	1.50	1.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.39	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 1/2/2012-2/3/2012 Active Days: 25	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building 12/19/2011-02/24/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 2/6/2012-2/17/2012 Active Days: 10	71.19	28.05	0.01	2.90	2.91	0.00	2.67	2.67
Building 02/06/2012-02/17/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Building 12/19/2011-02/24/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 2/20/2012-2/24/2012 Active Days: 5	60.38	29.26	<u>2.46</u>	2.79	<u>5.25</u>	<u>0.52</u>	2.56	<u>3.08</u>
Building 12/19/2011-02/24/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 02/20/2012-05/11/2012	24.79	15.23	2.46	1.34	3.79	0.52	1.23	1.74
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01

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Time Slice 2/27/2012-3/23/2012	60.38	29.26	<u>2.46</u>	2.79	<u>5.25</u>	<u>0.52</u>	2.56	<u>3.08</u>
Active Days: 20								
Building 02/27/2012-03/23/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 02/20/2012-05/11/2012	24.79	15.23	2.46	1.34	3.79	0.52	1.23	1.74
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01
Time Slice 3/26/2012-5/11/2012	60.38	29.26	<u>2.46</u>	2.79	<u>5.25</u>	<u>0.52</u>	2.56	<u>3.08</u>
Active Days: 35								
Building 03/26/2012-06/29/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 02/20/2012-05/11/2012	24.79	15.23	2.46	1.34	3.79	0.52	1.23	1.74
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01

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Time Slice 5/14/2012-6/18/2012	74.57	30.39	0.93	3.02	3.94	0.19	2.78	2.97
Active Days: 26								
Building 03/26/2012-06/29/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 05/14/2012-06/18/2012	38.98	16.37	0.92	1.57	2.49	0.19	1.44	1.64
Fine Grading Dust	0.00	0.00	0.92	0.00	0.92	0.19	0.00	0.19
Fine Grading Off Road Diesel	38.93	15.46	0.00	1.56	1.56	0.00	1.44	1.44
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 6/19/2012-6/29/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Active Days: 9								
Building 03/26/2012-06/29/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Fine Grading 9/12/2011 - 10/21/2011 - BSS - CIPH Construction

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

The following mitigation measures apply to Phase: Fine Grading 2/20/2012 - 5/11/2012 - RFA - Placing Precast Panels

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

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PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

The following mitigation measures apply to Phase: Fine Grading 5/14/2012 - 6/18/2012 - RFA - CIP Concrete Barrier Slab & OCS Foundations

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

The following mitigation measures apply to Phase: Mass Grading 8/22/2011 - 9/9/2011 - BSS - Excavation

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

Phase Assumptions

Phase: Demolition 8/1/2011 - 8/19/2011 - BBS - Demolition & Removal

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Building Volume Total (cubic feet): 239927.5

Building Volume Daily (cubic feet): 15987

On Road Truck Travel (VMT): 222.04

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Demolition 8/15/2011 - 8/26/2011 - RFA - Demolition and Track Removal

Building Volume Total (cubic feet): 32998.8

Building Volume Daily (cubic feet): 3300.78

On Road Truck Travel (VMT): 45.84

Off-Road Equipment:

- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Fine Grading 9/12/2011 - 10/21/2011 - BSS - CIPH Construction

Total Acres Disturbed: 1

Maximum Daily Acreage Disturbed: 1

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Fine Grading 2/20/2012 - 5/11/2012 - RFA - Placing Precast Panels

Total Acres Disturbed: 2

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Maximum Daily Acreage Disturbed: 2

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day

4 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day

1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day

2 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day

Phase: Fine Grading 5/14/2012 - 6/18/2012 - RFA - CIP Concrete Barrier Slab & OCS Foundations

Total Acres Disturbed: 0.75

Maximum Daily Acreage Disturbed: 0.75

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day

1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Mass Grading 8/22/2011 - 9/9/2011 - BSS - Excavation

Total Acres Disturbed: 2.5

Maximum Daily Acreage Disturbed: 2.5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 7/4/2011 - 7/29/2011 - BBS - Utility Relocation

Off-Road Equipment:

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- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 8/1/2011 - 8/12/2011 - RFA - Utility Relocation

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day

Phase: Building Construction 10/24/2011 - 12/16/2011 - BSS - Abutment Foundation

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 12/19/2011 - 2/24/2012 - BSS - Abutment

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 2/6/2012 - 2/17/2012 - RFA - Leveling Slab

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 2/27/2012 - 3/23/2012 - BSS - Erect False Work Erection

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

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Phase: Building Construction 3/26/2012 - 6/29/2012 - BSS - Brudge Slab Construction

Off-Road Equipment:

1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day

1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Urbemis 2007 Version 9.2.4

Detail Report for Winter Construction Mitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Bundy Bridge Structure\Bundy structure new dates.urb924

Project Name: Expo - Bundy Bridge Structure-08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Winter Pounds Per Day, Mitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 7/4/2011-7/29/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Active Days: 20								
Trenching 07/04/2011-07/29/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Trenching Off Road Diesel	16.14	7.21	0.00	0.79	0.79	0.00	0.73	0.73
Trenching Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 8/1/2011-8/12/2011	32.62	16.94	6.76	1.60	8.36	1.41	1.47	2.88
Active Days: 10								
Demolition 08/01/2011-08/19/2011	21.23	10.33	6.75	0.97	7.72	1.41	0.89	2.30
Fugitive Dust	0.00	0.00	6.71	0.00	6.71	1.40	0.00	1.40
Demo Off Road Diesel	14.95	6.96	0.00	0.72	0.72	0.00	0.66	0.66
Demo On Road Diesel	6.22	2.39	0.03	0.25	0.28	0.01	0.23	0.24
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 08/01/2011-08/12/2011	11.39	6.61	0.00	0.63	0.63	0.00	0.58	0.58
Trenching Off Road Diesel	11.34	5.88	0.00	0.63	0.63	0.00	0.58	0.58
Trenching Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 8/15/2011-8/19/2011	36.36	18.45	<u>8.15</u>	1.71	<u>9.86</u>	<u>1.70</u>	1.57	<u>3.27</u>
Active Days: 5								
Demolition 08/01/2011-08/19/2011	21.23	10.33	6.75	0.97	7.72	1.41	0.89	2.30
Fugitive Dust	0.00	0.00	6.71	0.00	6.71	1.40	0.00	1.40
Demo Off Road Diesel	14.95	6.96	0.00	0.72	0.72	0.00	0.66	0.66
Demo On Road Diesel	6.22	2.39	0.03	0.25	0.28	0.01	0.23	0.24
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Demolition 08/15/2011-08/26/2011	15.13	8.12	1.40	0.74	2.14	0.29	0.68	0.97
Fugitive Dust	0.00	0.00	1.39	0.00	1.39	0.29	0.00	0.29
Demo Off Road Diesel	13.79	6.65	0.00	0.68	0.68	0.00	0.63	0.63
Demo On Road Diesel	1.28	0.49	0.01	0.05	0.06	0.00	0.05	0.05
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 8/22/2011-8/26/2011	28.52	15.27	4.46	1.41	5.87	0.93	1.29	2.23
Active Days: 5								
Demolition 08/15/2011-08/26/2011	15.13	8.12	1.40	0.74	2.14	0.29	0.68	0.97
Fugitive Dust	0.00	0.00	1.39	0.00	1.39	0.29	0.00	0.29
Demo Off Road Diesel	13.79	6.65	0.00	0.68	0.68	0.00	0.63	0.63
Demo On Road Diesel	1.28	0.49	0.01	0.05	0.06	0.00	0.05	0.05
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Mass Grading 08/22/2011-09/09/2011	13.38	7.15	3.06	0.67	3.73	0.64	0.62	1.26
Mass Grading Dust	0.00	0.00	3.06	0.00	3.06	0.64	0.00	0.64
Mass Grading Off Road Diesel	13.34	6.42	0.00	0.67	0.67	0.00	0.61	0.61
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 8/29/2011-9/9/2011	13.38	7.15	3.06	0.67	3.73	0.64	0.62	1.26
Active Days: 10								
Mass Grading 08/22/2011-09/09/2011	13.38	7.15	3.06	0.67	3.73	0.64	0.62	1.26
Mass Grading Dust	0.00	0.00	3.06	0.00	3.06	0.64	0.00	0.64
Mass Grading Off Road Diesel	13.34	6.42	0.00	0.67	0.67	0.00	0.61	0.61
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00
Time Slice 9/12/2011-10/21/2011	<u>53.95</u>	<u>23.66</u>	1.23	<u>2.38</u>	3.62	0.26	<u>2.19</u>	2.45
Active Days: 30								
Fine Grading 09/12/2011-10/21/2011	53.95	23.66	1.23	2.38	3.62	0.26	2.19	2.45
Fine Grading Dust	0.00	0.00	1.22	0.00	1.22	0.26	0.00	0.26
Fine Grading Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.10	1.71	0.01	0.01	0.02	0.00	0.00	0.01
Time Slice 10/24/2011-12/16/2011	37.93	14.96	0.00	1.63	1.63	0.00	1.50	1.50
Active Days: 40								
Building 10/24/2011-12/16/2011	37.93	14.96	0.00	1.63	1.63	0.00	1.50	1.50
Building Off Road Diesel	37.84	14.52	0.00	1.63	1.63	0.00	1.50	1.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.39	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 12/19/2011-12/30/2011	37.93	14.96	0.00	1.63	1.63	0.00	1.50	1.50
Active Days: 10								
Building 12/19/2011-02/24/2012	37.93	14.96	0.00	1.63	1.63	0.00	1.50	1.50
Building Off Road Diesel	37.84	14.52	0.00	1.63	1.63	0.00	1.50	1.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.39	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 1/2/2012-2/3/2012 Active Days: 25	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building 12/19/2011-02/24/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 2/6/2012-2/17/2012 Active Days: 10	71.19	28.05	0.01	2.90	2.91	0.00	2.67	2.67
Building 02/06/2012-02/17/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Building 12/19/2011-02/24/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 2/20/2012-2/24/2012 Active Days: 5	60.38	29.26	<u>2.46</u>	2.79	<u>5.25</u>	<u>0.52</u>	2.56	<u>3.08</u>
Building 12/19/2011-02/24/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 02/20/2012-05/11/2012	24.79	15.23	2.46	1.34	3.79	0.52	1.23	1.74
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01

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Time Slice 2/27/2012-3/23/2012	60.38	29.26	<u>2.46</u>	2.79	<u>5.25</u>	<u>0.52</u>	2.56	<u>3.08</u>
Active Days: 20								
Building 02/27/2012-03/23/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 02/20/2012-05/11/2012	24.79	15.23	2.46	1.34	3.79	0.52	1.23	1.74
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01
Time Slice 3/26/2012-5/11/2012	60.38	29.26	<u>2.46</u>	2.79	<u>5.25</u>	<u>0.52</u>	2.56	<u>3.08</u>
Active Days: 35								
Building 03/26/2012-06/29/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 02/20/2012-05/11/2012	24.79	15.23	2.46	1.34	3.79	0.52	1.23	1.74
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01

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Time Slice 5/14/2012-6/18/2012	74.57	30.39	0.93	3.02	3.94	0.19	2.78	2.97
Active Days: 26								
Building 03/26/2012-06/29/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 05/14/2012-06/18/2012	38.98	16.37	0.92	1.57	2.49	0.19	1.44	1.64
Fine Grading Dust	0.00	0.00	0.92	0.00	0.92	0.19	0.00	0.19
Fine Grading Off Road Diesel	38.93	15.46	0.00	1.56	1.56	0.00	1.44	1.44
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 6/19/2012-6/29/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Active Days: 9								
Building 03/26/2012-06/29/2012	35.59	14.03	0.00	1.45	1.45	0.00	1.33	1.34
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.36	0.00	0.00	0.00	0.00	0.00	0.00

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Fine Grading 9/12/2011 - 10/21/2011 - BSS - CIPH Construction

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

The following mitigation measures apply to Phase: Fine Grading 2/20/2012 - 5/11/2012 - RFA - Placing Precast Panels

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

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PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

The following mitigation measures apply to Phase: Fine Grading 5/14/2012 - 6/18/2012 - RFA - CIP Concrete Barrier Slab & OCS Foundations

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

The following mitigation measures apply to Phase: Mass Grading 8/22/2011 - 9/9/2011 - BSS - Excavation

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

Phase Assumptions

Phase: Demolition 8/1/2011 - 8/19/2011 - BBS - Demolition & Removal

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Building Volume Total (cubic feet): 239927.5

Building Volume Daily (cubic feet): 15987

On Road Truck Travel (VMT): 222.04

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Demolition 8/15/2011 - 8/26/2011 - RFA - Demolition and Track Removal

Building Volume Total (cubic feet): 32998.8

Building Volume Daily (cubic feet): 3300.78

On Road Truck Travel (VMT): 45.84

Off-Road Equipment:

- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Fine Grading 9/12/2011 - 10/21/2011 - BSS - CIPH Construction

Total Acres Disturbed: 1

Maximum Daily Acreage Disturbed: 1

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Fine Grading 2/20/2012 - 5/11/2012 - RFA - Placing Precast Panels

Total Acres Disturbed: 2

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Maximum Daily Acreage Disturbed: 2

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day

4 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day

1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day

2 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day

Phase: Fine Grading 5/14/2012 - 6/18/2012 - RFA - CIP Concrete Barrier Slab & OCS Foundations

Total Acres Disturbed: 0.75

Maximum Daily Acreage Disturbed: 0.75

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day

1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Mass Grading 8/22/2011 - 9/9/2011 - BSS - Excavation

Total Acres Disturbed: 2.5

Maximum Daily Acreage Disturbed: 2.5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 7/4/2011 - 7/29/2011 - BBS - Utility Relocation

Off-Road Equipment:

8/12/2009 1:45:20 PM

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 8/1/2011 - 8/12/2011 - RFA - Utility Relocation

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day

Phase: Building Construction 10/24/2011 - 12/16/2011 - BSS - Abutment Foundation

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 12/19/2011 - 2/24/2012 - BSS - Abutment

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 2/6/2012 - 2/17/2012 - RFA - Leveling Slab

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 2/27/2012 - 3/23/2012 - BSS - Erect False Work Erection

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

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Phase: Building Construction 3/26/2012 - 6/29/2012 - BSS - Brudge Slab Construction

Off-Road Equipment:

1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day

1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Reductions for Demolition Fugitive Dust:

Bundy Bridge Structure

Demolition Time Period	Fugitive Dust (URBEMIS)	Reduced Fugitive Dust	Exhaust	PM10 Total	Fugitive Dust (URBEMIS)	Reduced Fugitive Dust	Exhaust	PM2.5 Total
Summer								
8/1/2011-8/12/2011	6.71	2.6169	1.01	3.6269	1.40	0.546	0.90	1.45
8/15/2011-8/19/2011	6.71	2.6169	1.01	3.6269	1.40	0.546	0.90	1.45
8/15/2011-8/19/2011	1.39	0.5421	0.75	1.2921	0.29	0.1131	0.68	0.79
8/22/2011-8/26/2011	1.39	0.5421	0.75	1.2921	0.29	0.1131	0.68	0.79
Winter								
8/1/2011-8/12/2011	6.71	2.6169	1.01	3.6269	1.40	0.546	0.90	1.45
8/15/2011-8/19/2011	6.71	2.6169	1.01	3.6269	1.40	0.546	0.90	1.45
8/22/2011-8/26/2011	1.39	0.5421	0.75	1.2921	0.29	0.1131	0.68	0.79

Bundy Bridge Parking Area

Urbemis 2007 Version 9.2.4

Detail Report for Summer Construction Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Bundy Surface Parking\Bundy Surface Parking.urb924

Project Name: LA Expo Bundy Surface Parking - 08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Summer Pounds Per Day, Unmitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 7/9/2012-7/13/2012	27.22	14.48	1.52	1.20	2.72	0.32	1.11	1.42
Active Days: 5								
Demolition 07/08/2012-07/13/2012	27.22	14.48	1.52	1.20	2.72	0.32	1.11	1.42
Fugitive Dust	0.00	0.00	1.51	0.00	1.51	0.31	0.00	0.31
Demo Off Road Diesel	25.92	13.09	0.00	1.15	1.15	0.00	1.06	1.06
Demo On Road Diesel	1.25	0.48	0.01	0.05	0.06	0.00	0.05	0.05
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 7/16/2012-8/24/2012	25.66	12.82	<u>80.01</u>	1.18	<u>81.19</u>	<u>16.71</u>	1.08	<u>17.79</u>
Active Days: 30								
Mass Grading 07/16/2012-08/24/2012	25.66	12.82	80.01	1.18	81.19	16.71	1.08	17.79
Mass Grading Dust	0.00	0.00	80.00	0.00	80.00	16.71	0.00	16.71
Mass Grading Off Road Diesel	25.58	11.45	0.00	1.17	1.17	0.00	1.08	1.08
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.08	1.36	0.01	0.01	0.01	0.00	0.00	0.01

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Time Slice 8/27/2012-9/21/2012	<u>40.27</u>	18.41	0.02	<u>1.97</u>	1.99	0.01	<u>1.81</u>	1.82
Active Days: 20								
Asphalt 08/27/2012-09/21/2012	40.27	18.41	0.02	1.97	1.99	0.01	1.81	1.82
Paving Off-Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	38.41	16.58	0.00	1.89	1.89	0.00	1.74	1.74
Paving On Road Diesel	1.79	0.69	0.01	0.07	0.08	0.00	0.07	0.07
Paving Worker Trips	0.06	1.13	0.01	0.00	0.01	0.00	0.00	0.01
Time Slice 9/24/2012-11/2/2012	40.21	<u>23.95</u>	0.10	1.58	1.68	0.03	1.45	1.48
Active Days: 30								
Building 09/24/2012-11/02/2012	40.21	23.95	0.10	1.58	1.68	0.03	1.45	1.48
Building Off Road Diesel	32.95	12.16	0.00	1.28	1.28	0.00	1.17	1.17
Building Vendor Trips	6.88	5.14	0.05	0.28	0.33	0.02	0.26	0.27
Building Worker Trips	0.38	6.64	0.04	0.02	0.07	0.02	0.02	0.04

Phase Assumptions

Phase: Demolition 7/8/2012 - 7/13/2012 - Default Demolition Description

Building Volume Total (cubic feet): 360394.7

Building Volume Daily (cubic feet): 3591.48

On Road Truck Travel (VMT): 49.88

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Mass Grading 7/16/2012 - 8/24/2012 - Excavation & Site Utilities Description

Total Acres Disturbed: 4

Maximum Daily Acreage Disturbed: 4

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

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- 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day
- 1 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Paving 8/27/2012 - 9/21/2012 - Curb & Gutter, Paving & Stripping

Acres to be Paved: 4

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Paving Equipment (104 hp) operating at a 0.53 load factor for 8 hours per day

Phase: Building Construction 9/24/2012 - 11/2/2012 - Fencing, Electrical & Landscaping

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

8/12/2009 10:00:00 AM

Urbemis 2007 Version 9.2.4

Detail Report for Winter Construction Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Bundy Surface Parking\Bundy Surface Parking.urb924

Project Name: LA Expo Bundy Surface Parking - 08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Winter Pounds Per Day, Unmitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 7/9/2012-7/13/2012	27.22	14.48	1.52	1.20	2.72	0.32	1.11	1.42
Active Days: 5								
Demolition 07/08/2012-07/13/2012	27.22	14.48	1.52	1.20	2.72	0.32	1.11	1.42
Fugitive Dust	0.00	0.00	1.51	0.00	1.51	0.31	0.00	0.31
Demo Off Road Diesel	25.92	13.09	0.00	1.15	1.15	0.00	1.06	1.06
Demo On Road Diesel	1.25	0.48	0.01	0.05	0.06	0.00	0.05	0.05
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 7/16/2012-8/24/2012	25.66	12.82	<u>80.01</u>	1.18	<u>81.19</u>	<u>16.71</u>	1.08	<u>17.79</u>
Active Days: 30								
Mass Grading 07/16/2012-08/24/2012	25.66	12.82	80.01	1.18	81.19	16.71	1.08	17.79
Mass Grading Dust	0.00	0.00	80.00	0.00	80.00	16.71	0.00	16.71
Mass Grading Off Road Diesel	25.58	11.45	0.00	1.17	1.17	0.00	1.08	1.08
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.08	1.36	0.01	0.01	0.01	0.00	0.00	0.01

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Time Slice 8/27/2012-9/21/2012	<u>40.27</u>	18.41	0.02	<u>1.97</u>	1.99	0.01	<u>1.81</u>	1.82
Active Days: 20								
Asphalt 08/27/2012-09/21/2012	40.27	18.41	0.02	1.97	1.99	0.01	1.81	1.82
Paving Off-Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	38.41	16.58	0.00	1.89	1.89	0.00	1.74	1.74
Paving On Road Diesel	1.79	0.69	0.01	0.07	0.08	0.00	0.07	0.07
Paving Worker Trips	0.06	1.13	0.01	0.00	0.01	0.00	0.00	0.01
Time Slice 9/24/2012-11/2/2012	40.21	<u>23.95</u>	0.10	1.58	1.68	0.03	1.45	1.48
Active Days: 30								
Building 09/24/2012-11/02/2012	40.21	23.95	0.10	1.58	1.68	0.03	1.45	1.48
Building Off Road Diesel	32.95	12.16	0.00	1.28	1.28	0.00	1.17	1.17
Building Vendor Trips	6.88	5.14	0.05	0.28	0.33	0.02	0.26	0.27
Building Worker Trips	0.38	6.64	0.04	0.02	0.07	0.02	0.02	0.04

Phase Assumptions

Phase: Demolition 7/8/2012 - 7/13/2012 - Default Demolition Description

Building Volume Total (cubic feet): 360394.7

Building Volume Daily (cubic feet): 3591.48

On Road Truck Travel (VMT): 49.88

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Mass Grading 7/16/2012 - 8/24/2012 - Excavation & Site Utilities Description

Total Acres Disturbed: 4

Maximum Daily Acreage Disturbed: 4

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

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- 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day
- 1 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Paving 8/27/2012 - 9/21/2012 - Curb & Gutter, Paving & Stripping

Acres to be Paved: 4

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Paving Equipment (104 hp) operating at a 0.53 load factor for 8 hours per day

Phase: Building Construction 9/24/2012 - 11/2/2012 - Fencing, Electrical & Landscaping

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Urbemis 2007 Version 9.2.4

Detail Report for Summer Construction Mitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Bundy Surface Parking\Bundy Surface Parking.urb924

Project Name: LA Expo Bundy Surface Parking - 08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Summer Pounds Per Day, Mitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 7/9/2012-7/13/2012	27.22	14.48	1.52	1.20	2.72	0.32	1.11	1.42
Active Days: 5								
Demolition 07/08/2012-07/13/2012	27.22	14.48	1.52	1.20	2.72	0.32	1.11	1.42
Fugitive Dust	0.00	0.00	1.51	0.00	1.51	0.31	0.00	0.31
Demo Off Road Diesel	25.92	13.09	0.00	1.15	1.15	0.00	1.06	1.06
Demo On Road Diesel	1.25	0.48	0.01	0.05	0.06	0.00	0.05	0.05
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 7/16/2012-8/24/2012	25.66	12.82	<u>4.90</u>	1.18	<u>6.08</u>	<u>1.02</u>	1.08	<u>2.11</u>
Active Days: 30								
Mass Grading 07/16/2012-08/24/2012	25.66	12.82	4.90	1.18	6.08	1.02	1.08	2.11
Mass Grading Dust	0.00	0.00	4.89	0.00	4.89	1.02	0.00	1.02
Mass Grading Off Road Diesel	25.58	11.45	0.00	1.17	1.17	0.00	1.08	1.08
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.08	1.36	0.01	0.01	0.01	0.00	0.00	0.01

8/12/2009 9:59:12 AM

Time Slice 8/27/2012-9/21/2012	<u>40.27</u>	18.41	0.02	<u>1.97</u>	1.99	0.01	<u>1.81</u>	1.82
Active Days: 20								
Asphalt 08/27/2012-09/21/2012	40.27	18.41	0.02	1.97	1.99	0.01	1.81	1.82
Paving Off-Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	38.41	16.58	0.00	1.89	1.89	0.00	1.74	1.74
Paving On Road Diesel	1.79	0.69	0.01	0.07	0.08	0.00	0.07	0.07
Paving Worker Trips	0.06	1.13	0.01	0.00	0.01	0.00	0.00	0.01
Time Slice 9/24/2012-11/2/2012	40.21	<u>23.95</u>	0.10	1.58	1.68	0.03	1.45	1.48
Active Days: 30								
Building 09/24/2012-11/02/2012	40.21	23.95	0.10	1.58	1.68	0.03	1.45	1.48
Building Off Road Diesel	32.95	12.16	0.00	1.28	1.28	0.00	1.17	1.17
Building Vendor Trips	6.88	5.14	0.05	0.28	0.33	0.02	0.26	0.27
Building Worker Trips	0.38	6.64	0.04	0.02	0.07	0.02	0.02	0.04

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Mass Grading 7/16/2012 - 8/24/2012 - Excavation & Site Utilities Description

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

Phase Assumptions

Phase: Demolition 7/8/2012 - 7/13/2012 - Default Demolition Description

Building Volume Total (cubic feet): 360394.7

Building Volume Daily (cubic feet): 3591.48

On Road Truck Travel (VMT): 49.88

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

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- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Mass Grading 7/16/2012 - 8/24/2012 - Excavation & Site Utilities Description

Total Acres Disturbed: 4

Maximum Daily Acreage Disturbed: 4

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day
- 1 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Paving 8/27/2012 - 9/21/2012 - Curb & Gutter, Paving & Stripping

Acres to be Paved: 4

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Paving Equipment (104 hp) operating at a 0.53 load factor for 8 hours per day

Phase: Building Construction 9/24/2012 - 11/2/2012 - Fencing, Electrical & Landscaping

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Urbemis 2007 Version 9.2.4

Detail Report for Winter Construction Mitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Bundy Surface Parking\Bundy Surface Parking.urb924

Project Name: LA Expo Bundy Surface Parking - 08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Winter Pounds Per Day, Mitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 7/9/2012-7/13/2012	27.22	14.48	1.52	1.20	2.72	0.32	1.11	1.42
Active Days: 5								
Demolition 07/08/2012-07/13/2012	27.22	14.48	1.52	1.20	2.72	0.32	1.11	1.42
Fugitive Dust	0.00	0.00	1.51	0.00	1.51	0.31	0.00	0.31
Demo Off Road Diesel	25.92	13.09	0.00	1.15	1.15	0.00	1.06	1.06
Demo On Road Diesel	1.25	0.48	0.01	0.05	0.06	0.00	0.05	0.05
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 7/16/2012-8/24/2012	25.66	12.82	<u>4.90</u>	1.18	<u>6.08</u>	<u>1.02</u>	1.08	<u>2.11</u>
Active Days: 30								
Mass Grading 07/16/2012-08/24/2012	25.66	12.82	4.90	1.18	6.08	1.02	1.08	2.11
Mass Grading Dust	0.00	0.00	4.89	0.00	4.89	1.02	0.00	1.02
Mass Grading Off Road Diesel	25.58	11.45	0.00	1.17	1.17	0.00	1.08	1.08
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.08	1.36	0.01	0.01	0.01	0.00	0.00	0.01

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Time Slice 8/27/2012-9/21/2012	<u>40.27</u>	18.41	0.02	<u>1.97</u>	1.99	0.01	<u>1.81</u>	1.82
Active Days: 20								
Asphalt 08/27/2012-09/21/2012	40.27	18.41	0.02	1.97	1.99	0.01	1.81	1.82
Paving Off-Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	38.41	16.58	0.00	1.89	1.89	0.00	1.74	1.74
Paving On Road Diesel	1.79	0.69	0.01	0.07	0.08	0.00	0.07	0.07
Paving Worker Trips	0.06	1.13	0.01	0.00	0.01	0.00	0.00	0.01
Time Slice 9/24/2012-11/2/2012	40.21	<u>23.95</u>	0.10	1.58	1.68	0.03	1.45	1.48
Active Days: 30								
Building 09/24/2012-11/02/2012	40.21	23.95	0.10	1.58	1.68	0.03	1.45	1.48
Building Off Road Diesel	32.95	12.16	0.00	1.28	1.28	0.00	1.17	1.17
Building Vendor Trips	6.88	5.14	0.05	0.28	0.33	0.02	0.26	0.27
Building Worker Trips	0.38	6.64	0.04	0.02	0.07	0.02	0.02	0.04

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Mass Grading 7/16/2012 - 8/24/2012 - Excavation & Site Utilities Description

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

Phase Assumptions

Phase: Demolition 7/8/2012 - 7/13/2012 - Default Demolition Description

Building Volume Total (cubic feet): 360394.7

Building Volume Daily (cubic feet): 3591.48

On Road Truck Travel (VMT): 49.88

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

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- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Mass Grading 7/16/2012 - 8/24/2012 - Excavation & Site Utilities Description

Total Acres Disturbed: 4

Maximum Daily Acreage Disturbed: 4

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day
- 1 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Paving 8/27/2012 - 9/21/2012 - Curb & Gutter, Paving & Stripping

Acres to be Paved: 4

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Paving Equipment (104 hp) operating at a 0.53 load factor for 8 hours per day

Phase: Building Construction 9/24/2012 - 11/2/2012 - Fencing, Electrical & Landscaping

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Reductions for Demolition Fugitive Dust:

Bundy Surface Parking

Demolition Time Period	Fugitive Dust (URBEMIS)	Reduced Fugitive Dust	Exhaust	PM10 Total	Fugitive Dust (URBEMIS)	Reduced Fugitive Dust	Exhaust	PM2.5 Total
Summer								
7/9/2012-7/13/2012	1.51	0.5889	1.21	1.7989	0.31	0.1209	1.11	1.23
Winter								
7/9/2012-7/13/2012	1.51	0.5889	1.21	1.7989	0.31	0.1209	1.11	1.23

Centinela Aerial Structure

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Urbemis 2007 Version 9.2.4

Detail Report for Summer Construction Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Cendinela aerial structure\Centiinela Bridge Structure.urb924

Project Name: Expo - Centinela Bridge Structure-08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Summer Pounds Per Day, Unmitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 1/2/2012-1/20/2012	15.31	8.02	0.01	0.75	0.75	0.00	0.69	0.69
Active Days: 15								
Trenching 01/02/2012-01/27/2012	15.31	8.02	0.01	0.75	0.75	0.00	0.69	0.69
Trenching Off Road Diesel	15.26	7.11	0.00	0.74	0.74	0.00	0.68	0.68
Trenching Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 1/23/2012-1/27/2012	26.24	14.53	0.01	1.34	1.35	0.00	1.23	1.24
Active Days: 5								
Trenching 01/02/2012-01/27/2012	15.31	8.02	0.01	0.75	0.75	0.00	0.69	0.69
Trenching Off Road Diesel	15.26	7.11	0.00	0.74	0.74	0.00	0.68	0.68
Trenching Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 01/23/2012-02/17/2012	10.92	6.51	0.00	0.59	0.60	0.00	0.55	0.55
Trenching Off Road Diesel	10.88	5.83	0.00	0.59	0.59	0.00	0.54	0.54
Trenching Worker Trips	0.04	0.68	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 1/30/2012-2/17/2012	30.58	16.38	6.76	1.48	8.23	1.41	1.36	2.77
Active Days: 15								
Demolition 01/30/2012-02/17/2012	19.66	9.87	6.75	0.88	7.64	1.41	0.81	2.22
Fugitive Dust	0.00	0.00	6.71	0.00	6.71	1.40	0.00	1.40
Demo Off Road Diesel	14.07	6.83	0.00	0.66	0.66	0.00	0.61	0.61
Demo On Road Diesel	5.54	2.14	0.03	0.22	0.25	0.01	0.20	0.21
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 01/23/2012-02/17/2012	10.92	6.51	0.00	0.59	0.60	0.00	0.55	0.55
Trenching Off Road Diesel	10.88	5.83	0.00	0.59	0.59	0.00	0.54	0.54
Trenching Worker Trips	0.04	0.68	0.00	0.00	0.01	0.00	0.00	0.00
Time Slice 2/20/2012-3/9/2012	32.67	17.17	<u>88.53</u>	1.51	<u>90.04</u>	<u>18.49</u>	1.39	19.87
Active Days: 15								
Demolition 02/20/2012-03/16/2012	20.13	10.14	8.53	0.91	9.44	1.78	0.83	2.61
Fugitive Dust	0.00	0.00	8.48	0.00	8.48	1.76	0.00	1.76
Demo Off Road Diesel	13.08	6.53	0.00	0.63	0.63	0.00	0.58	0.58
Demo On Road Diesel	7.00	2.70	0.04	0.28	0.32	0.01	0.25	0.27
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Mass Grading 02/20/2012-03/09/2012	12.53	7.03	80.00	0.60	80.60	16.71	0.55	17.26
Mass Grading Dust	0.00	0.00	80.00	0.00	80.00	16.71	0.00	16.71
Mass Grading Off Road Diesel	12.49	6.35	0.00	0.60	0.60	0.00	0.55	0.55
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.68	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 3/12/2012-3/16/2012	70.54	32.83	48.54	3.04	51.58	10.14	2.79	12.93
Active Days: 5								
Demolition 02/20/2012-03/16/2012	20.13	10.14	8.53	0.91	9.44	1.78	0.83	2.61
Fugitive Dust	0.00	0.00	8.48	0.00	8.48	1.76	0.00	1.76
Demo Off Road Diesel	13.08	6.53	0.00	0.63	0.63	0.00	0.58	0.58
Demo On Road Diesel	7.00	2.70	0.04	0.28	0.32	0.01	0.25	0.27
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Fine Grading 03/12/2012-04/20/2012	50.40	22.68	40.01	2.13	42.14	8.36	1.96	10.32
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.09	1.59	0.01	0.01	0.02	0.00	0.00	0.01
Time Slice 3/19/2012-4/20/2012	50.40	22.68	40.01	2.13	42.14	8.36	1.96	10.32
Active Days: 25								
Fine Grading 03/12/2012-04/20/2012	50.40	22.68	40.01	2.13	42.14	8.36	1.96	10.32
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.09	1.59	0.01	0.01	0.02	0.00	0.00	0.01
Time Slice 4/23/2012-5/25/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Active Days: 25								
Building 04/23/2012-06/15/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 5/28/2012-6/15/2012	71.06	27.37	0.00	2.89	2.90	0.00	2.66	2.66
Active Days: 15								
Building 04/23/2012-06/15/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Building 05/28/2012-06/22/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 6/18/2012-6/22/2012	71.06	27.37	0.00	2.89	2.90	0.00	2.66	2.66
Active Days: 5								
Building 05/28/2012-06/22/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Building 06/18/2012-08/24/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 6/25/2012-8/24/2012	60.32	28.92	40.01	2.78	42.80	8.36	2.56	10.92
Active Days: 45								
Building 06/18/2012-08/24/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 06/25/2012-12/07/2012	24.79	15.23	40.01	1.34	41.35	8.36	1.23	9.59
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01
Time Slice 8/27/2012-9/21/2012	60.32	28.92	40.01	2.78	42.80	8.36	2.56	10.92
Active Days: 20								
Building 08/27/2012-09/21/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 06/25/2012-12/07/2012	24.79	15.23	40.01	1.34	41.35	8.36	1.23	9.59
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01

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Time Slice 9/24/2012-11/2/2012	60.32	28.92	40.01	2.78	42.80	8.36	2.56	10.92
Active Days: 30								
Building 09/24/2012-12/28/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 06/25/2012-12/07/2012	24.79	15.23	40.01	1.34	41.35	8.36	1.23	9.59
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01
Time Slice 11/5/2012-12/7/2012	<u>99.30</u>	<u>45.29</u>	80.02	<u>4.35</u>	84.37	16.71	<u>4.00</u>	<u>20.72</u>
Active Days: 25								
Building 09/24/2012-12/28/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 06/25/2012-12/07/2012	24.79	15.23	40.01	1.34	41.35	8.36	1.23	9.59
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01
Fine Grading 11/05/2012-12/28/2012	38.98	16.37	40.01	1.57	41.57	8.36	1.44	9.80
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	38.93	15.46	0.00	1.56	1.56	0.00	1.44	1.44
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00

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Time Slice 12/10/2012-12/28/2012	74.51	30.05	40.01	3.02	43.02	8.36	2.77	11.13
Active Days: 15								
Building 09/24/2012-12/28/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 11/05/2012-12/28/2012	38.98	16.37	40.01	1.57	41.57	8.36	1.44	9.80
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	38.93	15.46	0.00	1.56	1.56	0.00	1.44	1.44
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00

Phase Assumptions

Phase: Demolition 1/30/2012 - 2/17/2012 - CBS - Demolition & Removal

Building Volume Total (cubic feet): 239927.5

Building Volume Daily (cubic feet): 15987

On Road Truck Travel (VMT): 222.04

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Demolition 2/20/2012 - 3/16/2012 - CRFA - Demolition and Track Removal

Building Volume Total (cubic feet): 80750

Building Volume Daily (cubic feet): 20200

On Road Truck Travel (VMT): 280.56

Off-Road Equipment:

1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

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Phase: Fine Grading 3/12/2012 - 4/20/2012 - CBS - CIPH Construction

Total Acres Disturbed: 2

Maximum Daily Acreage Disturbed: 2

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day

1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day

1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Fine Grading 6/25/2012 - 12/7/2012 - CRFA - Placing Precast Panels

Total Acres Disturbed: 2

Maximum Daily Acreage Disturbed: 2

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day

4 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day

1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day

2 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day

Phase: Fine Grading 11/5/2012 - 12/28/2012 - CRFA - CIP Concrete Barrier Slab & OCS Foundations

Total Acres Disturbed: 2

Maximum Daily Acreage Disturbed: 2

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

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- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Mass Grading 2/20/2012 - 3/9/2012 - CBS - Excavation

Total Acres Disturbed: 4

Maximum Daily Acreage Disturbed: 4

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 1/2/2012 - 1/27/2012 - CBS - Utility Relocation

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 1/23/2012 - 2/17/2012 - CRAF - Utility Relocation

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day

Phase: Building Construction 4/23/2012 - 6/15/2012 - CBS - Abutment Foundation

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 5/28/2012 - 6/22/2012 - CRFA - Leveling Slab

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Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 6/18/2012 - 8/24/2012 - CBS - Abutment

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 8/27/2012 - 9/21/2012 - CBS - Erect False Work Erection

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 9/24/2012 - 12/28/2012 - CBS - Brudge Slab Construction

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

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Urbemis 2007 Version 9.2.4

Detail Report for Winter Construction Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Cendinela aerial structure\Centiinela Bridge Structure.urb924

Project Name: Expo - Centinela Bridge Structure-08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Winter Pounds Per Day, Unmitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 1/2/2012-1/20/2012	15.31	8.02	0.01	0.75	0.75	0.00	0.69	0.69
Active Days: 15								
Trenching 01/02/2012-01/27/2012	15.31	8.02	0.01	0.75	0.75	0.00	0.69	0.69
Trenching Off Road Diesel	15.26	7.11	0.00	0.74	0.74	0.00	0.68	0.68
Trenching Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 1/23/2012-1/27/2012	26.24	14.53	0.01	1.34	1.35	0.00	1.23	1.24
Active Days: 5								
Trenching 01/02/2012-01/27/2012	15.31	8.02	0.01	0.75	0.75	0.00	0.69	0.69
Trenching Off Road Diesel	15.26	7.11	0.00	0.74	0.74	0.00	0.68	0.68
Trenching Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 01/23/2012-02/17/2012	10.92	6.51	0.00	0.59	0.60	0.00	0.55	0.55
Trenching Off Road Diesel	10.88	5.83	0.00	0.59	0.59	0.00	0.54	0.54
Trenching Worker Trips	0.04	0.68	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 1/30/2012-2/17/2012	30.58	16.38	6.76	1.48	8.23	1.41	1.36	2.77
Active Days: 15								
Demolition 01/30/2012-02/17/2012	19.66	9.87	6.75	0.88	7.64	1.41	0.81	2.22
Fugitive Dust	0.00	0.00	6.71	0.00	6.71	1.40	0.00	1.40
Demo Off Road Diesel	14.07	6.83	0.00	0.66	0.66	0.00	0.61	0.61
Demo On Road Diesel	5.54	2.14	0.03	0.22	0.25	0.01	0.20	0.21
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 01/23/2012-02/17/2012	10.92	6.51	0.00	0.59	0.60	0.00	0.55	0.55
Trenching Off Road Diesel	10.88	5.83	0.00	0.59	0.59	0.00	0.54	0.54
Trenching Worker Trips	0.04	0.68	0.00	0.00	0.01	0.00	0.00	0.00
Time Slice 2/20/2012-3/9/2012	32.67	17.17	<u>88.53</u>	1.51	<u>90.04</u>	<u>18.49</u>	1.39	19.87
Active Days: 15								
Demolition 02/20/2012-03/16/2012	20.13	10.14	8.53	0.91	9.44	1.78	0.83	2.61
Fugitive Dust	0.00	0.00	8.48	0.00	8.48	1.76	0.00	1.76
Demo Off Road Diesel	13.08	6.53	0.00	0.63	0.63	0.00	0.58	0.58
Demo On Road Diesel	7.00	2.70	0.04	0.28	0.32	0.01	0.25	0.27
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Mass Grading 02/20/2012-03/09/2012	12.53	7.03	80.00	0.60	80.60	16.71	0.55	17.26
Mass Grading Dust	0.00	0.00	80.00	0.00	80.00	16.71	0.00	16.71
Mass Grading Off Road Diesel	12.49	6.35	0.00	0.60	0.60	0.00	0.55	0.55
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.68	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 3/12/2012-3/16/2012	70.54	32.83	48.54	3.04	51.58	10.14	2.79	12.93
Active Days: 5								
Demolition 02/20/2012-03/16/2012	20.13	10.14	8.53	0.91	9.44	1.78	0.83	2.61
Fugitive Dust	0.00	0.00	8.48	0.00	8.48	1.76	0.00	1.76
Demo Off Road Diesel	13.08	6.53	0.00	0.63	0.63	0.00	0.58	0.58
Demo On Road Diesel	7.00	2.70	0.04	0.28	0.32	0.01	0.25	0.27
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Fine Grading 03/12/2012-04/20/2012	50.40	22.68	40.01	2.13	42.14	8.36	1.96	10.32
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.09	1.59	0.01	0.01	0.02	0.00	0.00	0.01
Time Slice 3/19/2012-4/20/2012	50.40	22.68	40.01	2.13	42.14	8.36	1.96	10.32
Active Days: 25								
Fine Grading 03/12/2012-04/20/2012	50.40	22.68	40.01	2.13	42.14	8.36	1.96	10.32
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.09	1.59	0.01	0.01	0.02	0.00	0.00	0.01
Time Slice 4/23/2012-5/25/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Active Days: 25								
Building 04/23/2012-06/15/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 5/28/2012-6/15/2012	71.06	27.37	0.00	2.89	2.90	0.00	2.66	2.66
Active Days: 15								
Building 04/23/2012-06/15/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Building 05/28/2012-06/22/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 6/18/2012-6/22/2012	71.06	27.37	0.00	2.89	2.90	0.00	2.66	2.66
Active Days: 5								
Building 05/28/2012-06/22/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Building 06/18/2012-08/24/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 6/25/2012-8/24/2012	60.32	28.92	40.01	2.78	42.80	8.36	2.56	10.92
Active Days: 45								
Building 06/18/2012-08/24/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 06/25/2012-12/07/2012	24.79	15.23	40.01	1.34	41.35	8.36	1.23	9.59
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01
Time Slice 8/27/2012-9/21/2012	60.32	28.92	40.01	2.78	42.80	8.36	2.56	10.92
Active Days: 20								
Building 08/27/2012-09/21/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 06/25/2012-12/07/2012	24.79	15.23	40.01	1.34	41.35	8.36	1.23	9.59
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01

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Time Slice 9/24/2012-11/2/2012	60.32	28.92	40.01	2.78	42.80	8.36	2.56	10.92
Active Days: 30								
Building 09/24/2012-12/28/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 06/25/2012-12/07/2012	24.79	15.23	40.01	1.34	41.35	8.36	1.23	9.59
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01
Time Slice 11/5/2012-12/7/2012	<u>99.30</u>	<u>45.29</u>	80.02	<u>4.35</u>	84.37	16.71	<u>4.00</u>	<u>20.72</u>
Active Days: 25								
Building 09/24/2012-12/28/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 06/25/2012-12/07/2012	24.79	15.23	40.01	1.34	41.35	8.36	1.23	9.59
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01
Fine Grading 11/05/2012-12/28/2012	38.98	16.37	40.01	1.57	41.57	8.36	1.44	9.80
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	38.93	15.46	0.00	1.56	1.56	0.00	1.44	1.44
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00

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Time Slice 12/10/2012-12/28/2012	74.51	30.05	40.01	3.02	43.02	8.36	2.77	11.13
Active Days: 15								
Building 09/24/2012-12/28/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 11/05/2012-12/28/2012	38.98	16.37	40.01	1.57	41.57	8.36	1.44	9.80
Fine Grading Dust	0.00	0.00	40.00	0.00	40.00	8.35	0.00	8.35
Fine Grading Off Road Diesel	38.93	15.46	0.00	1.56	1.56	0.00	1.44	1.44
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00

Phase Assumptions

Phase: Demolition 1/30/2012 - 2/17/2012 - CBS - Demolition & Removal

Building Volume Total (cubic feet): 239927.5

Building Volume Daily (cubic feet): 15987

On Road Truck Travel (VMT): 222.04

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Demolition 2/20/2012 - 3/16/2012 - CRFA - Demolition and Track Removal

Building Volume Total (cubic feet): 80750

Building Volume Daily (cubic feet): 20200

On Road Truck Travel (VMT): 280.56

Off-Road Equipment:

1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

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Phase: Fine Grading 3/12/2012 - 4/20/2012 - CBS - CIPH Construction

Total Acres Disturbed: 2

Maximum Daily Acreage Disturbed: 2

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day

1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day

1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Fine Grading 6/25/2012 - 12/7/2012 - CRFA - Placing Precast Panels

Total Acres Disturbed: 2

Maximum Daily Acreage Disturbed: 2

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day

4 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day

1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day

2 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day

Phase: Fine Grading 11/5/2012 - 12/28/2012 - CRFA - CIP Concrete Barrier Slab & OCS Foundations

Total Acres Disturbed: 2

Maximum Daily Acreage Disturbed: 2

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

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- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Mass Grading 2/20/2012 - 3/9/2012 - CBS - Excavation

Total Acres Disturbed: 4

Maximum Daily Acreage Disturbed: 4

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 1/2/2012 - 1/27/2012 - CBS - Utility Relocation

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 1/23/2012 - 2/17/2012 - CRAF - Utility Relocation

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day

Phase: Building Construction 4/23/2012 - 6/15/2012 - CBS - Abutment Foundation

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 5/28/2012 - 6/22/2012 - CRFA - Leveling Slab

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Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 6/18/2012 - 8/24/2012 - CBS - Abutment

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 8/27/2012 - 9/21/2012 - CBS - Erect False Work Erection

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 9/24/2012 - 12/28/2012 - CBS - Brudge Slab Construction

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

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Urbemis 2007 Version 9.2.4

Detail Report for Summer Construction Mitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Cendinela aerial structure\Centiinela Bridge Structure.urb924

Project Name: Expo - Centinela Bridge Structure-08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Summer Pounds Per Day, Mitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 1/2/2012-1/20/2012	15.31	8.02	0.01	0.75	0.75	0.00	0.69	0.69
Active Days: 15								
Trenching 01/02/2012-01/27/2012	15.31	8.02	0.01	0.75	0.75	0.00	0.69	0.69
Trenching Off Road Diesel	15.26	7.11	0.00	0.74	0.74	0.00	0.68	0.68
Trenching Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 1/23/2012-1/27/2012	26.24	14.53	0.01	1.34	1.35	0.00	1.23	1.24
Active Days: 5								
Trenching 01/02/2012-01/27/2012	15.31	8.02	0.01	0.75	0.75	0.00	0.69	0.69
Trenching Off Road Diesel	15.26	7.11	0.00	0.74	0.74	0.00	0.68	0.68
Trenching Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 01/23/2012-02/17/2012	10.92	6.51	0.00	0.59	0.60	0.00	0.55	0.55
Trenching Off Road Diesel	10.88	5.83	0.00	0.59	0.59	0.00	0.54	0.54
Trenching Worker Trips	0.04	0.68	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 1/30/2012-2/17/2012	30.58	16.38	6.76	1.48	8.23	1.41	1.36	2.77
Active Days: 15								
Demolition 01/30/2012-02/17/2012	19.66	9.87	6.75	0.88	7.64	1.41	0.81	2.22
Fugitive Dust	0.00	0.00	6.71	0.00	6.71	1.40	0.00	1.40
Demo Off Road Diesel	14.07	6.83	0.00	0.66	0.66	0.00	0.61	0.61
Demo On Road Diesel	5.54	2.14	0.03	0.22	0.25	0.01	0.20	0.21
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 01/23/2012-02/17/2012	10.92	6.51	0.00	0.59	0.60	0.00	0.55	0.55
Trenching Off Road Diesel	10.88	5.83	0.00	0.59	0.59	0.00	0.54	0.54
Trenching Worker Trips	0.04	0.68	0.00	0.00	0.01	0.00	0.00	0.00
Time Slice 2/20/2012-3/9/2012	32.67	17.17	<u>13.43</u>	1.51	<u>14.93</u>	<u>2.80</u>	1.39	4.19
Active Days: 15								
Demolition 02/20/2012-03/16/2012	20.13	10.14	8.53	0.91	9.44	1.78	0.83	2.61
Fugitive Dust	0.00	0.00	8.48	0.00	8.48	1.76	0.00	1.76
Demo Off Road Diesel	13.08	6.53	0.00	0.63	0.63	0.00	0.58	0.58
Demo On Road Diesel	7.00	2.70	0.04	0.28	0.32	0.01	0.25	0.27
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Mass Grading 02/20/2012-03/09/2012	12.53	7.03	4.90	0.60	5.50	1.02	0.55	1.57
Mass Grading Dust	0.00	0.00	4.89	0.00	4.89	1.02	0.00	1.02
Mass Grading Off Road Diesel	12.49	6.35	0.00	0.60	0.60	0.00	0.55	0.55
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.68	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 3/12/2012-3/16/2012	70.54	32.83	10.99	3.04	14.02	2.29	2.79	<u>5.09</u>
Active Days: 5								
Demolition 02/20/2012-03/16/2012	20.13	10.14	8.53	0.91	9.44	1.78	0.83	2.61
Fugitive Dust	0.00	0.00	8.48	0.00	8.48	1.76	0.00	1.76
Demo Off Road Diesel	13.08	6.53	0.00	0.63	0.63	0.00	0.58	0.58
Demo On Road Diesel	7.00	2.70	0.04	0.28	0.32	0.01	0.25	0.27
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Fine Grading 03/12/2012-04/20/2012	50.40	22.68	2.46	2.13	4.58	0.51	1.96	2.47
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.09	1.59	0.01	0.01	0.02	0.00	0.00	0.01
Time Slice 3/19/2012-4/20/2012	50.40	22.68	2.46	2.13	4.58	0.51	1.96	2.47
Active Days: 25								
Fine Grading 03/12/2012-04/20/2012	50.40	22.68	2.46	2.13	4.58	0.51	1.96	2.47
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.09	1.59	0.01	0.01	0.02	0.00	0.00	0.01
Time Slice 4/23/2012-5/25/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Active Days: 25								
Building 04/23/2012-06/15/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 5/28/2012-6/15/2012	71.06	27.37	0.00	2.89	2.90	0.00	2.66	2.66
Active Days: 15								
Building 04/23/2012-06/15/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Building 05/28/2012-06/22/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 6/18/2012-6/22/2012	71.06	27.37	0.00	2.89	2.90	0.00	2.66	2.66
Active Days: 5								
Building 05/28/2012-06/22/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Building 06/18/2012-08/24/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 6/25/2012-8/24/2012	60.32	28.92	2.46	2.78	5.24	0.52	2.56	3.08
Active Days: 45								
Building 06/18/2012-08/24/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 06/25/2012-12/07/2012	24.79	15.23	2.46	1.34	3.79	0.52	1.23	1.74
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01
Time Slice 8/27/2012-9/21/2012	60.32	28.92	2.46	2.78	5.24	0.52	2.56	3.08
Active Days: 20								
Building 08/27/2012-09/21/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 06/25/2012-12/07/2012	24.79	15.23	2.46	1.34	3.79	0.52	1.23	1.74
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01

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Time Slice 9/24/2012-11/2/2012	60.32	28.92	2.46	2.78	5.24	0.52	2.56	3.08
Active Days: 30								
Building 09/24/2012-12/28/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 06/25/2012-12/07/2012	24.79	15.23	2.46	1.34	3.79	0.52	1.23	1.74
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01
Time Slice 11/5/2012-12/7/2012	<u>99.30</u>	<u>45.29</u>	4.91	<u>4.35</u>	9.26	1.03	<u>4.00</u>	5.03
Active Days: 25								
Building 09/24/2012-12/28/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 06/25/2012-12/07/2012	24.79	15.23	2.46	1.34	3.79	0.52	1.23	1.74
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01
Fine Grading 11/05/2012-12/28/2012	38.98	16.37	2.45	1.57	4.02	0.51	1.44	1.96
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	38.93	15.46	0.00	1.56	1.56	0.00	1.44	1.44
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00

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Time Slice 12/10/2012-12/28/2012	74.51	30.05	2.45	3.02	5.47	0.51	2.77	3.29
Active Days: 15								
Building 09/24/2012-12/28/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 11/05/2012-12/28/2012	38.98	16.37	2.45	1.57	4.02	0.51	1.44	1.96
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	38.93	15.46	0.00	1.56	1.56	0.00	1.44	1.44
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Fine Grading 3/12/2012 - 4/20/2012 - CBS - CIPH Construction

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

The following mitigation measures apply to Phase: Fine Grading 6/25/2012 - 12/7/2012 - CRFA - Placing Precast Panels

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

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For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

The following mitigation measures apply to Phase: Fine Grading 11/5/2012 - 12/28/2012 - CRFA - CIP Concrete Barrier Slab & OCS Foundations

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

The following mitigation measures apply to Phase: Mass Grading 2/20/2012 - 3/9/2012 - CBS - Excavation

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

Phase Assumptions

Phase: Demolition 1/30/2012 - 2/17/2012 - CBS - Demolition & Removal

Building Volume Total (cubic feet): 239927.5

Building Volume Daily (cubic feet): 15987

On Road Truck Travel (VMT): 222.04

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

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1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Demolition 2/20/2012 - 3/16/2012 - CRFA - Demolition and Track Removal

Building Volume Total (cubic feet): 80750

Building Volume Daily (cubic feet): 20200

On Road Truck Travel (VMT): 280.56

Off-Road Equipment:

1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Fine Grading 3/12/2012 - 4/20/2012 - CBS - CIPH Construction

Total Acres Disturbed: 2

Maximum Daily Acreage Disturbed: 2

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day

1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day

1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Fine Grading 6/25/2012 - 12/7/2012 - CRFA - Placing Precast Panels

Total Acres Disturbed: 2

Maximum Daily Acreage Disturbed: 2

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day

4 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

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- 1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day
- 1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day
- 2 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day

Phase: Fine Grading 11/5/2012 - 12/28/2012 - CRFA - CIP Concrete Barrier Slab & OCS Foundations

Total Acres Disturbed: 2

Maximum Daily Acreage Disturbed: 2

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Mass Grading 2/20/2012 - 3/9/2012 - CBS - Excavation

Total Acres Disturbed: 4

Maximum Daily Acreage Disturbed: 4

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 1/2/2012 - 1/27/2012 - CBS - Utility Relocation

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 1/23/2012 - 2/17/2012 - CRAF - Utility Relocation

Off-Road Equipment:

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- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day

Phase: Building Construction 4/23/2012 - 6/15/2012 - CBS - Abutment Foundation

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 5/28/2012 - 6/22/2012 - CRFA - Leveling Slab

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 6/18/2012 - 8/24/2012 - CBS - Abutment

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 8/27/2012 - 9/21/2012 - CBS - Erect False Work Erection

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 9/24/2012 - 12/28/2012 - CBS - Brudge Slab Construction

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

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Urbemis 2007 Version 9.2.4

Detail Report for Winter Construction Mitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Cendinela aerial structure\Centiinela Bridge Structure.urb924

Project Name: Expo - Centinela Bridge Structure-08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Winter Pounds Per Day, Mitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 1/2/2012-1/20/2012	15.31	8.02	0.01	0.75	0.75	0.00	0.69	0.69
Active Days: 15								
Trenching 01/02/2012-01/27/2012	15.31	8.02	0.01	0.75	0.75	0.00	0.69	0.69
Trenching Off Road Diesel	15.26	7.11	0.00	0.74	0.74	0.00	0.68	0.68
Trenching Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 1/23/2012-1/27/2012	26.24	14.53	0.01	1.34	1.35	0.00	1.23	1.24
Active Days: 5								
Trenching 01/02/2012-01/27/2012	15.31	8.02	0.01	0.75	0.75	0.00	0.69	0.69
Trenching Off Road Diesel	15.26	7.11	0.00	0.74	0.74	0.00	0.68	0.68
Trenching Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 01/23/2012-02/17/2012	10.92	6.51	0.00	0.59	0.60	0.00	0.55	0.55
Trenching Off Road Diesel	10.88	5.83	0.00	0.59	0.59	0.00	0.54	0.54
Trenching Worker Trips	0.04	0.68	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 1/30/2012-2/17/2012	30.58	16.38	6.76	1.48	8.23	1.41	1.36	2.77
Active Days: 15								
Demolition 01/30/2012-02/17/2012	19.66	9.87	6.75	0.88	7.64	1.41	0.81	2.22
Fugitive Dust	0.00	0.00	6.71	0.00	6.71	1.40	0.00	1.40
Demo Off Road Diesel	14.07	6.83	0.00	0.66	0.66	0.00	0.61	0.61
Demo On Road Diesel	5.54	2.14	0.03	0.22	0.25	0.01	0.20	0.21
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 01/23/2012-02/17/2012	10.92	6.51	0.00	0.59	0.60	0.00	0.55	0.55
Trenching Off Road Diesel	10.88	5.83	0.00	0.59	0.59	0.00	0.54	0.54
Trenching Worker Trips	0.04	0.68	0.00	0.00	0.01	0.00	0.00	0.00
Time Slice 2/20/2012-3/9/2012	32.67	17.17	<u>13.43</u>	1.51	<u>14.93</u>	<u>2.80</u>	1.39	4.19
Active Days: 15								
Demolition 02/20/2012-03/16/2012	20.13	10.14	8.53	0.91	9.44	1.78	0.83	2.61
Fugitive Dust	0.00	0.00	8.48	0.00	8.48	1.76	0.00	1.76
Demo Off Road Diesel	13.08	6.53	0.00	0.63	0.63	0.00	0.58	0.58
Demo On Road Diesel	7.00	2.70	0.04	0.28	0.32	0.01	0.25	0.27
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Mass Grading 02/20/2012-03/09/2012	12.53	7.03	4.90	0.60	5.50	1.02	0.55	1.57
Mass Grading Dust	0.00	0.00	4.89	0.00	4.89	1.02	0.00	1.02
Mass Grading Off Road Diesel	12.49	6.35	0.00	0.60	0.60	0.00	0.55	0.55
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.68	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 3/12/2012-3/16/2012	70.54	32.83	10.99	3.04	14.02	2.29	2.79	<u>5.09</u>
Active Days: 5								
Demolition 02/20/2012-03/16/2012	20.13	10.14	8.53	0.91	9.44	1.78	0.83	2.61
Fugitive Dust	0.00	0.00	8.48	0.00	8.48	1.76	0.00	1.76
Demo Off Road Diesel	13.08	6.53	0.00	0.63	0.63	0.00	0.58	0.58
Demo On Road Diesel	7.00	2.70	0.04	0.28	0.32	0.01	0.25	0.27
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Fine Grading 03/12/2012-04/20/2012	50.40	22.68	2.46	2.13	4.58	0.51	1.96	2.47
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.09	1.59	0.01	0.01	0.02	0.00	0.00	0.01
Time Slice 3/19/2012-4/20/2012	50.40	22.68	2.46	2.13	4.58	0.51	1.96	2.47
Active Days: 25								
Fine Grading 03/12/2012-04/20/2012	50.40	22.68	2.46	2.13	4.58	0.51	1.96	2.47
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.09	1.59	0.01	0.01	0.02	0.00	0.00	0.01
Time Slice 4/23/2012-5/25/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Active Days: 25								
Building 04/23/2012-06/15/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 5/28/2012-6/15/2012	71.06	27.37	0.00	2.89	2.90	0.00	2.66	2.66
Active Days: 15								
Building 04/23/2012-06/15/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Building 05/28/2012-06/22/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 6/18/2012-6/22/2012	71.06	27.37	0.00	2.89	2.90	0.00	2.66	2.66
Active Days: 5								
Building 05/28/2012-06/22/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Building 06/18/2012-08/24/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 6/25/2012-8/24/2012	60.32	28.92	2.46	2.78	5.24	0.52	2.56	3.08
Active Days: 45								
Building 06/18/2012-08/24/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 06/25/2012-12/07/2012	24.79	15.23	2.46	1.34	3.79	0.52	1.23	1.74
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01
Time Slice 8/27/2012-9/21/2012	60.32	28.92	2.46	2.78	5.24	0.52	2.56	3.08
Active Days: 20								
Building 08/27/2012-09/21/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 06/25/2012-12/07/2012	24.79	15.23	2.46	1.34	3.79	0.52	1.23	1.74
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01

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Time Slice 9/24/2012-11/2/2012	60.32	28.92	2.46	2.78	5.24	0.52	2.56	3.08
Active Days: 30								
Building 09/24/2012-12/28/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 06/25/2012-12/07/2012	24.79	15.23	2.46	1.34	3.79	0.52	1.23	1.74
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01
Time Slice 11/5/2012-12/7/2012	<u>99.30</u>	<u>45.29</u>	4.91	<u>4.35</u>	9.26	1.03	<u>4.00</u>	5.03
Active Days: 25								
Building 09/24/2012-12/28/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 06/25/2012-12/07/2012	24.79	15.23	2.46	1.34	3.79	0.52	1.23	1.74
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	24.67	13.19	0.00	1.33	1.33	0.00	1.22	1.22
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.12	2.04	0.01	0.01	0.02	0.00	0.01	0.01
Fine Grading 11/05/2012-12/28/2012	38.98	16.37	2.45	1.57	4.02	0.51	1.44	1.96
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	38.93	15.46	0.00	1.56	1.56	0.00	1.44	1.44
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00

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Time Slice 12/10/2012-12/28/2012	74.51	30.05	2.45	3.02	5.47	0.51	2.77	3.29
Active Days: 15								
Building 09/24/2012-12/28/2012	35.53	13.69	0.00	1.45	1.45	0.00	1.33	1.33
Building Off Road Diesel	35.52	13.62	0.00	1.45	1.45	0.00	1.33	1.33
Building Vendor Trips	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 11/05/2012-12/28/2012	38.98	16.37	2.45	1.57	4.02	0.51	1.44	1.96
Fine Grading Dust	0.00	0.00	2.45	0.00	2.45	0.51	0.00	0.51
Fine Grading Off Road Diesel	38.93	15.46	0.00	1.56	1.56	0.00	1.44	1.44
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Fine Grading 3/12/2012 - 4/20/2012 - CBS - CIPH Construction

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

The following mitigation measures apply to Phase: Fine Grading 6/25/2012 - 12/7/2012 - CRFA - Placing Precast Panels

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

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For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

The following mitigation measures apply to Phase: Fine Grading 11/5/2012 - 12/28/2012 - CRFA - CIP Concrete Barrier Slab & OCS Foundations

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

The following mitigation measures apply to Phase: Mass Grading 2/20/2012 - 3/9/2012 - CBS - Excavation

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

Phase Assumptions

Phase: Demolition 1/30/2012 - 2/17/2012 - CBS - Demolition & Removal

Building Volume Total (cubic feet): 239927.5

Building Volume Daily (cubic feet): 15987

On Road Truck Travel (VMT): 222.04

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

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1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Demolition 2/20/2012 - 3/16/2012 - CRFA - Demolition and Track Removal

Building Volume Total (cubic feet): 80750

Building Volume Daily (cubic feet): 20200

On Road Truck Travel (VMT): 280.56

Off-Road Equipment:

1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Fine Grading 3/12/2012 - 4/20/2012 - CBS - CIPH Construction

Total Acres Disturbed: 2

Maximum Daily Acreage Disturbed: 2

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day

1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day

1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Fine Grading 6/25/2012 - 12/7/2012 - CRFA - Placing Precast Panels

Total Acres Disturbed: 2

Maximum Daily Acreage Disturbed: 2

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day

4 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

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- 1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day
- 1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day
- 2 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day

Phase: Fine Grading 11/5/2012 - 12/28/2012 - CRFA - CIP Concrete Barrier Slab & OCS Foundations

Total Acres Disturbed: 2

Maximum Daily Acreage Disturbed: 2

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Mass Grading 2/20/2012 - 3/9/2012 - CBS - Excavation

Total Acres Disturbed: 4

Maximum Daily Acreage Disturbed: 4

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 1/2/2012 - 1/27/2012 - CBS - Utility Relocation

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 1/23/2012 - 2/17/2012 - CRAF - Utility Relocation

Off-Road Equipment:

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- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day

Phase: Building Construction 4/23/2012 - 6/15/2012 - CBS - Abutment Foundation

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 5/28/2012 - 6/22/2012 - CRFA - Leveling Slab

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 6/18/2012 - 8/24/2012 - CBS - Abutment

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 8/27/2012 - 9/21/2012 - CBS - Erect False Work Erection

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Phase: Building Construction 9/24/2012 - 12/28/2012 - CBS - Brudge Slab Construction

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Cranes (399 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

Reductions for Demolition Fugitive Dust:

Cendinela Aerial Structure

Demolition Time Period	Fugitive Dust (URBEMIS)	Reduced Fugitive Dust	Exhaust	PM10 Total	Fugitive Dust (URBEMIS)	Reduced Fugitive Dust	Exhaust	PM2.5 Total
Summer								
1/30/2012-2/17/2012	6.71	2.6169	0.93	3.5469	1.40	0.546	0.82	1.37
2/20/2012-3/9/2012	8.48	3.3072	0.96	4.2672	1.76	0.6864	0.85	1.54
3/12/2012-3/16/2012	8.48	3.3072	0.96	4.2672	1.76	0.6864	0.85	1.54
Winter								
1/30/2012-2/17/2012	6.71	2.6169	0.93	3.5469	1.40	0.546	0.82	1.37
2/20/2012-3/9/2012	8.48	3.3072	0.96	4.2672	1.76	0.6864	0.85	1.54
3/12/2012-3/16/2012	8.48	3.3072	0.96	4.2672	1.76	0.6864	0.85	1.54

Maintenance Facility

Urbemis 2007 Version 9.2.4

Detail Report for Summer Construction Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Maintenance Facility\Expo Maintenance Facility 8-24.urb924

Project Name: Expo Maintenance Facility

Project Location: Los Angeles County

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Summer Pounds Per Day, Unmitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 1/3/2011-1/21/2011	48.67	26.29	12.86	2.30	15.16	2.68	2.11	4.80
Active Days: 15								
Demolition 01/02/2011-01/29/2011	14.95	8.31	1.24	0.67	1.91	0.26	0.62	0.88
Fugitive Dust	0.00	0.00	1.22	0.00	1.22	0.25	0.00	0.25
Demo Off Road Diesel	13.73	6.82	0.00	0.62	0.62	0.00	0.57	0.57
Demo On Road Diesel	1.16	0.47	0.01	0.05	0.05	0.00	0.04	0.05
Demo Worker Trips	0.06	1.01	0.01	0.00	0.01	0.00	0.00	0.00
Demolition 01/03/2011-02/04/2011	22.34	11.34	11.62	0.99	12.62	2.42	0.91	3.34
Fugitive Dust	0.00	0.00	11.56	0.00	11.56	2.41	0.00	2.41
Demo Off Road Diesel	11.33	6.16	0.00	0.54	0.54	0.00	0.49	0.49
Demo On Road Diesel	10.96	4.43	0.05	0.46	0.51	0.02	0.42	0.44
Demo Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00
Trenching 01/03/2011-01/21/2011	11.39	6.64	0.00	0.63	0.63	0.00	0.58	0.58
Trenching Off Road Diesel	11.34	5.88	0.00	0.63	0.63	0.00	0.58	0.58
Trenching Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 1/24/2011-1/28/2011	78.16	41.18	12.87	3.80	16.67	2.69	3.50	6.18
Active Days: 5								
Demolition 01/02/2011-01/29/2011	14.95	8.31	1.24	0.67	1.91	0.26	0.62	0.88
Fugitive Dust	0.00	0.00	1.22	0.00	1.22	0.25	0.00	0.25
Demo Off Road Diesel	13.73	6.82	0.00	0.62	0.62	0.00	0.57	0.57
Demo On Road Diesel	1.16	0.47	0.01	0.05	0.05	0.00	0.04	0.05
Demo Worker Trips	0.06	1.01	0.01	0.00	0.01	0.00	0.00	0.00
Demolition 01/03/2011-02/04/2011	22.34	11.34	11.62	0.99	12.62	2.42	0.91	3.34
Fugitive Dust	0.00	0.00	11.56	0.00	11.56	2.41	0.00	2.41
Demo Off Road Diesel	11.33	6.16	0.00	0.54	0.54	0.00	0.49	0.49
Demo On Road Diesel	10.96	4.43	0.05	0.46	0.51	0.02	0.42	0.44
Demo Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00
Trenching 01/24/2011-02/18/2011	40.88	21.53	0.01	2.13	2.15	0.00	1.96	1.97
Trenching Off Road Diesel	40.76	19.50	0.00	2.13	2.13	0.00	1.96	1.96
Trenching Worker Trips	0.12	2.03	0.01	0.01	0.02	0.00	0.01	0.01
Time Slice 1/31/2011-2/4/2011	76.60	40.05	11.64	3.80	15.44	2.43	3.49	5.92
Active Days: 5								
Demolition 01/03/2011-02/04/2011	22.34	11.34	11.62	0.99	12.62	2.42	0.91	3.34
Fugitive Dust	0.00	0.00	11.56	0.00	11.56	2.41	0.00	2.41
Demo Off Road Diesel	11.33	6.16	0.00	0.54	0.54	0.00	0.49	0.49
Demo On Road Diesel	10.96	4.43	0.05	0.46	0.51	0.02	0.42	0.44
Demo Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00
Trenching 01/24/2011-02/18/2011	40.88	21.53	0.01	2.13	2.15	0.00	1.96	1.97
Trenching Off Road Diesel	40.76	19.50	0.00	2.13	2.13	0.00	1.96	1.96
Trenching Worker Trips	0.12	2.03	0.01	0.01	0.02	0.00	0.01	0.01
Trenching 01/31/2011-02/25/2011	13.39	7.18	0.00	0.67	0.67	0.00	0.62	0.62
Trenching Off Road Diesel	13.34	6.42	0.00	0.67	0.67	0.00	0.61	0.61
Trenching Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 2/7/2011-2/18/2011	92.06	47.36	100.02	4.68	<u>104.70</u>	20.89	4.30	<u>25.20</u>
Active Days: 10								
Mass Grading 02/07/2011-05/06/2011	37.79	18.66	100.01	1.87	101.88	20.89	1.72	22.61
Mass Grading Dust	0.00	0.00	100.00	0.00	100.00	20.88	0.00	20.88
Mass Grading Off Road Diesel	37.71	17.14	0.00	1.87	1.87	0.00	1.72	1.72
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.09	1.52	0.01	0.01	0.01	0.00	0.00	0.01
Trenching 01/24/2011-02/18/2011	40.88	21.53	0.01	2.13	2.15	0.00	1.96	1.97
Trenching Off Road Diesel	40.76	19.50	0.00	2.13	2.13	0.00	1.96	1.96
Trenching Worker Trips	0.12	2.03	0.01	0.01	0.02	0.00	0.01	0.01
Trenching 01/31/2011-02/25/2011	13.39	7.18	0.00	0.67	0.67	0.00	0.62	0.62
Trenching Off Road Diesel	13.34	6.42	0.00	0.67	0.67	0.00	0.61	0.61
Trenching Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00
Time Slice 2/21/2011-2/25/2011	51.18	25.84	100.01	2.54	102.56	20.89	2.34	23.23
Active Days: 5								
Mass Grading 02/07/2011-05/06/2011	37.79	18.66	100.01	1.87	101.88	20.89	1.72	22.61
Mass Grading Dust	0.00	0.00	100.00	0.00	100.00	20.88	0.00	20.88
Mass Grading Off Road Diesel	37.71	17.14	0.00	1.87	1.87	0.00	1.72	1.72
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.09	1.52	0.01	0.01	0.01	0.00	0.00	0.01
Trenching 01/31/2011-02/25/2011	13.39	7.18	0.00	0.67	0.67	0.00	0.62	0.62
Trenching Off Road Diesel	13.34	6.42	0.00	0.67	0.67	0.00	0.61	0.61
Trenching Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 2/28/2011-4/15/2011 Active Days: 35	93.36	49.79	<u>100.06</u>	4.33	104.40	<u>20.91</u>	3.98	24.89
Building 02/28/2011-04/15/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Mass Grading 02/07/2011-05/06/2011	37.79	18.66	100.01	1.87	101.88	20.89	1.72	22.61
Mass Grading Dust	0.00	0.00	100.00	0.00	100.00	20.88	0.00	20.88
Mass Grading Off Road Diesel	37.71	17.14	0.00	1.87	1.87	0.00	1.72	1.72
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.09	1.52	0.01	0.01	0.01	0.00	0.00	0.01
Time Slice 4/18/2011-5/6/2011 Active Days: 15	93.36	49.79	<u>100.06</u>	4.33	104.40	<u>20.91</u>	3.98	24.89
Building 04/18/2011-07/08/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Mass Grading 02/07/2011-05/06/2011	37.79	18.66	100.01	1.87	101.88	20.89	1.72	22.61
Mass Grading Dust	0.00	0.00	100.00	0.00	100.00	20.88	0.00	20.88
Mass Grading Off Road Diesel	37.71	17.14	0.00	1.87	1.87	0.00	1.72	1.72
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.09	1.52	0.01	0.01	0.01	0.00	0.00	0.01
Time Slice 5/9/2011-7/8/2011 Active Days: 45	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building 04/18/2011-07/08/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04

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Time Slice 7/11/2011-10/14/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Active Days: 70								
Building 07/11/2011-10/21/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Time Slice 10/17/2011-10/21/2011	<u>111.13</u>	<u>62.26</u>	0.11	<u>4.92</u>	5.03	0.04	<u>4.52</u>	4.56
Active Days: 5								
Building 07/11/2011-10/21/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Building 10/17/2011-11/04/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Time Slice 10/24/2011-11/4/2011	<u>111.13</u>	<u>62.26</u>	0.11	<u>4.92</u>	5.03	0.04	<u>4.52</u>	4.56
Active Days: 10								
Building 10/17/2011-11/04/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Building 10/24/2011-11/09/2012	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04

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Time Slice 11/7/2011-12/30/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Active Days: 40								
Building 10/24/2011-11/09/2012	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Time Slice 1/2/2012-10/5/2012	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Active Days: 200								
Building 10/24/2011-11/09/2012	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Building Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Building Vendor Trips	1.11	0.99	0.01	0.05	0.06	0.00	0.04	0.05
Building Worker Trips	0.44	7.56	0.05	0.03	0.07	0.02	0.02	0.04
Time Slice 10/8/2012-11/9/2012	<u>103.72</u>	<u>59.28</u>	<u>0.11</u>	<u>4.39</u>	<u>4.51</u>	<u>0.04</u>	<u>4.04</u>	<u>4.08</u>
Active Days: 25								
Building 10/08/2012-02/08/2013	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Building Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Building Vendor Trips	1.11	0.99	0.01	0.05	0.06	0.00	0.04	0.05
Building Worker Trips	0.44	7.56	0.05	0.03	0.07	0.02	0.02	0.04
Building 10/24/2011-11/09/2012	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Building Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Building Vendor Trips	1.11	0.99	0.01	0.05	0.06	0.00	0.04	0.05
Building Worker Trips	0.44	7.56	0.05	0.03	0.07	0.02	0.02	0.04
Time Slice 11/12/2012-12/31/2012	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Active Days: 36								
Building 10/08/2012-02/08/2013	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Building Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Building Vendor Trips	1.11	0.99	0.01	0.05	0.06	0.00	0.04	0.05
Building Worker Trips	0.44	7.56	0.05	0.03	0.07	0.02	0.02	0.04

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Time Slice 1/1/2013-2/8/2013 Active Days: 29	<u>48.46</u>	<u>28.28</u>	<u>0.06</u>	<u>1.98</u>	<u>2.03</u>	<u>0.02</u>	<u>1.82</u>	<u>1.84</u>
Building 10/08/2012-02/08/2013	48.46	28.28	0.06	1.98	2.03	0.02	1.82	1.84
Building Off Road Diesel	47.07	20.33	0.00	1.91	1.91	0.00	1.75	1.75
Building Vendor Trips	0.99	0.91	0.01	0.04	0.05	0.00	0.04	0.04
Building Worker Trips	0.40	7.04	0.05	0.03	0.07	0.02	0.02	0.04

Phase Assumptions

Phase: Demolition 1/3/2011 - 2/4/2011 - Maint Fac - Demolition & Removal

Building Volume Total (cubic feet): 687748.3

Building Volume Daily (cubic feet): 27532.92

On Road Truck Travel (VMT): 382.4

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 4 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 4 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 4 hours per day

Phase: Demolition 1/2/2011 - 1/29/2011 - Asphalt Demolition

Building Volume Total (cubic feet): 72811.21

Building Volume Daily (cubic feet): 2913.63

On Road Truck Travel (VMT): 40.47

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 4 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 4 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 4 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 4 hours per day

Phase: Mass Grading 2/7/2011 - 5/6/2011 - Yard & Tracks - Drainage System, Grading & OCS Foundation

Total Acres Disturbed: 6.9

Maximum Daily Acreage Disturbed: 5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

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- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Dumpers/Tenders (16 hp) operating at a 0.38 load factor for 8 hours per day
- 1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day
- 1 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 1/3/2011 - 1/21/2011 - Maint Fac - Utility Relocation

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day

Phase: Trenching 1/24/2011 - 2/18/2011 - Traction Power Substations - Underground Utilities Connections

Traction Power Substations - Underground Utilities Connections

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Dumpers/Tenders (16 hp) operating at a 0.38 load factor for 8 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day
- 1 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 1/31/2011 - 2/25/2011 - Maint Fac - Excavation for Underground Utilities

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Building Construction 2/28/2011 - 4/15/2011 - Maint Fac - CIPH Construction

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day

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- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Building Construction 4/18/2011 - 7/8/2011 - Maint Fac - Foundation

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Building Construction 7/11/2011 - 10/21/2011 - Maint Fac - Foundation Walls

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Building Construction 10/17/2011 - 11/4/2011 - Traction Power Substations - Concrete Slab Construction

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Building Construction 10/24/2011 - 11/9/2012 - Maint Fac - Construction of Building

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day

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- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Building Construction 10/8/2012 - 2/8/2013 - Maint Fac - Equipment Installation, Test & Commissioning

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Urbemis 2007 Version 9.2.4

Detail Report for Winter Construction Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Maintenance Facility\Expo Maintenance Facility 8-24.urb924

Project Name: Expo Maintenance Facility

Project Location: Los Angeles County

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Winter Pounds Per Day, Unmitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 1/3/2011-1/21/2011	48.67	26.29	12.86	2.30	15.16	2.68	2.11	4.80
Active Days: 15								
Demolition 01/02/2011-01/29/2011	14.95	8.31	1.24	0.67	1.91	0.26	0.62	0.88
Fugitive Dust	0.00	0.00	1.22	0.00	1.22	0.25	0.00	0.25
Demo Off Road Diesel	13.73	6.82	0.00	0.62	0.62	0.00	0.57	0.57
Demo On Road Diesel	1.16	0.47	0.01	0.05	0.05	0.00	0.04	0.05
Demo Worker Trips	0.06	1.01	0.01	0.00	0.01	0.00	0.00	0.00
Demolition 01/03/2011-02/04/2011	22.34	11.34	11.62	0.99	12.62	2.42	0.91	3.34
Fugitive Dust	0.00	0.00	11.56	0.00	11.56	2.41	0.00	2.41
Demo Off Road Diesel	11.33	6.16	0.00	0.54	0.54	0.00	0.49	0.49
Demo On Road Diesel	10.96	4.43	0.05	0.46	0.51	0.02	0.42	0.44
Demo Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00
Trenching 01/03/2011-01/21/2011	11.39	6.64	0.00	0.63	0.63	0.00	0.58	0.58
Trenching Off Road Diesel	11.34	5.88	0.00	0.63	0.63	0.00	0.58	0.58
Trenching Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 1/24/2011-1/28/2011	78.16	41.18	12.87	3.80	16.67	2.69	3.50	6.18
Active Days: 5								
Demolition 01/02/2011-01/29/2011	14.95	8.31	1.24	0.67	1.91	0.26	0.62	0.88
Fugitive Dust	0.00	0.00	1.22	0.00	1.22	0.25	0.00	0.25
Demo Off Road Diesel	13.73	6.82	0.00	0.62	0.62	0.00	0.57	0.57
Demo On Road Diesel	1.16	0.47	0.01	0.05	0.05	0.00	0.04	0.05
Demo Worker Trips	0.06	1.01	0.01	0.00	0.01	0.00	0.00	0.00
Demolition 01/03/2011-02/04/2011	22.34	11.34	11.62	0.99	12.62	2.42	0.91	3.34
Fugitive Dust	0.00	0.00	11.56	0.00	11.56	2.41	0.00	2.41
Demo Off Road Diesel	11.33	6.16	0.00	0.54	0.54	0.00	0.49	0.49
Demo On Road Diesel	10.96	4.43	0.05	0.46	0.51	0.02	0.42	0.44
Demo Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00
Trenching 01/24/2011-02/18/2011	40.88	21.53	0.01	2.13	2.15	0.00	1.96	1.97
Trenching Off Road Diesel	40.76	19.50	0.00	2.13	2.13	0.00	1.96	1.96
Trenching Worker Trips	0.12	2.03	0.01	0.01	0.02	0.00	0.01	0.01
Time Slice 1/31/2011-2/4/2011	76.60	40.05	11.64	3.80	15.44	2.43	3.49	5.92
Active Days: 5								
Demolition 01/03/2011-02/04/2011	22.34	11.34	11.62	0.99	12.62	2.42	0.91	3.34
Fugitive Dust	0.00	0.00	11.56	0.00	11.56	2.41	0.00	2.41
Demo Off Road Diesel	11.33	6.16	0.00	0.54	0.54	0.00	0.49	0.49
Demo On Road Diesel	10.96	4.43	0.05	0.46	0.51	0.02	0.42	0.44
Demo Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00
Trenching 01/24/2011-02/18/2011	40.88	21.53	0.01	2.13	2.15	0.00	1.96	1.97
Trenching Off Road Diesel	40.76	19.50	0.00	2.13	2.13	0.00	1.96	1.96
Trenching Worker Trips	0.12	2.03	0.01	0.01	0.02	0.00	0.01	0.01
Trenching 01/31/2011-02/25/2011	13.39	7.18	0.00	0.67	0.67	0.00	0.62	0.62
Trenching Off Road Diesel	13.34	6.42	0.00	0.67	0.67	0.00	0.61	0.61
Trenching Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 2/7/2011-2/18/2011	92.06	47.36	100.02	4.68	<u>104.70</u>	20.89	4.30	<u>25.20</u>
Active Days: 10								
Mass Grading 02/07/2011-05/06/2011	37.79	18.66	100.01	1.87	101.88	20.89	1.72	22.61
Mass Grading Dust	0.00	0.00	100.00	0.00	100.00	20.88	0.00	20.88
Mass Grading Off Road Diesel	37.71	17.14	0.00	1.87	1.87	0.00	1.72	1.72
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.09	1.52	0.01	0.01	0.01	0.00	0.00	0.01
Trenching 01/24/2011-02/18/2011	40.88	21.53	0.01	2.13	2.15	0.00	1.96	1.97
Trenching Off Road Diesel	40.76	19.50	0.00	2.13	2.13	0.00	1.96	1.96
Trenching Worker Trips	0.12	2.03	0.01	0.01	0.02	0.00	0.01	0.01
Trenching 01/31/2011-02/25/2011	13.39	7.18	0.00	0.67	0.67	0.00	0.62	0.62
Trenching Off Road Diesel	13.34	6.42	0.00	0.67	0.67	0.00	0.61	0.61
Trenching Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00
Time Slice 2/21/2011-2/25/2011	51.18	25.84	100.01	2.54	102.56	20.89	2.34	23.23
Active Days: 5								
Mass Grading 02/07/2011-05/06/2011	37.79	18.66	100.01	1.87	101.88	20.89	1.72	22.61
Mass Grading Dust	0.00	0.00	100.00	0.00	100.00	20.88	0.00	20.88
Mass Grading Off Road Diesel	37.71	17.14	0.00	1.87	1.87	0.00	1.72	1.72
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.09	1.52	0.01	0.01	0.01	0.00	0.00	0.01
Trenching 01/31/2011-02/25/2011	13.39	7.18	0.00	0.67	0.67	0.00	0.62	0.62
Trenching Off Road Diesel	13.34	6.42	0.00	0.67	0.67	0.00	0.61	0.61
Trenching Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 2/28/2011-4/15/2011 Active Days: 35	93.36	49.79	<u>100.06</u>	4.33	104.40	<u>20.91</u>	3.98	24.89
Building 02/28/2011-04/15/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Mass Grading 02/07/2011-05/06/2011	37.79	18.66	100.01	1.87	101.88	20.89	1.72	22.61
Mass Grading Dust	0.00	0.00	100.00	0.00	100.00	20.88	0.00	20.88
Mass Grading Off Road Diesel	37.71	17.14	0.00	1.87	1.87	0.00	1.72	1.72
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.09	1.52	0.01	0.01	0.01	0.00	0.00	0.01
Time Slice 4/18/2011-5/6/2011 Active Days: 15	93.36	49.79	<u>100.06</u>	4.33	104.40	<u>20.91</u>	3.98	24.89
Building 04/18/2011-07/08/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Mass Grading 02/07/2011-05/06/2011	37.79	18.66	100.01	1.87	101.88	20.89	1.72	22.61
Mass Grading Dust	0.00	0.00	100.00	0.00	100.00	20.88	0.00	20.88
Mass Grading Off Road Diesel	37.71	17.14	0.00	1.87	1.87	0.00	1.72	1.72
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.09	1.52	0.01	0.01	0.01	0.00	0.00	0.01
Time Slice 5/9/2011-7/8/2011 Active Days: 45	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building 04/18/2011-07/08/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04

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Time Slice 7/11/2011-10/14/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Active Days: 70								
Building 07/11/2011-10/21/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Time Slice 10/17/2011-10/21/2011	<u>111.13</u>	<u>62.26</u>	0.11	<u>4.92</u>	5.03	0.04	<u>4.52</u>	4.56
Active Days: 5								
Building 07/11/2011-10/21/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Building 10/17/2011-11/04/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Time Slice 10/24/2011-11/4/2011	<u>111.13</u>	<u>62.26</u>	0.11	<u>4.92</u>	5.03	0.04	<u>4.52</u>	4.56
Active Days: 10								
Building 10/17/2011-11/04/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Building 10/24/2011-11/09/2012	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04

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Time Slice 11/7/2011-12/30/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Active Days: 40								
Building 10/24/2011-11/09/2012	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Time Slice 1/2/2012-10/5/2012	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Active Days: 200								
Building 10/24/2011-11/09/2012	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Building Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Building Vendor Trips	1.11	0.99	0.01	0.05	0.06	0.00	0.04	0.05
Building Worker Trips	0.44	7.56	0.05	0.03	0.07	0.02	0.02	0.04
Time Slice 10/8/2012-11/9/2012	<u>103.72</u>	<u>59.28</u>	<u>0.11</u>	<u>4.39</u>	<u>4.51</u>	<u>0.04</u>	<u>4.04</u>	<u>4.08</u>
Active Days: 25								
Building 10/08/2012-02/08/2013	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Building Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Building Vendor Trips	1.11	0.99	0.01	0.05	0.06	0.00	0.04	0.05
Building Worker Trips	0.44	7.56	0.05	0.03	0.07	0.02	0.02	0.04
Building 10/24/2011-11/09/2012	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Building Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Building Vendor Trips	1.11	0.99	0.01	0.05	0.06	0.00	0.04	0.05
Building Worker Trips	0.44	7.56	0.05	0.03	0.07	0.02	0.02	0.04
Time Slice 11/12/2012-12/31/2012	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Active Days: 36								
Building 10/08/2012-02/08/2013	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Building Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Building Vendor Trips	1.11	0.99	0.01	0.05	0.06	0.00	0.04	0.05
Building Worker Trips	0.44	7.56	0.05	0.03	0.07	0.02	0.02	0.04

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Time Slice 1/1/2013-2/8/2013 Active Days: 29	<u>48.46</u>	<u>28.28</u>	<u>0.06</u>	<u>1.98</u>	<u>2.03</u>	<u>0.02</u>	<u>1.82</u>	<u>1.84</u>
Building 10/08/2012-02/08/2013	48.46	28.28	0.06	1.98	2.03	0.02	1.82	1.84
Building Off Road Diesel	47.07	20.33	0.00	1.91	1.91	0.00	1.75	1.75
Building Vendor Trips	0.99	0.91	0.01	0.04	0.05	0.00	0.04	0.04
Building Worker Trips	0.40	7.04	0.05	0.03	0.07	0.02	0.02	0.04

Phase Assumptions

Phase: Demolition 1/3/2011 - 2/4/2011 - Maint Fac - Demolition & Removal

Building Volume Total (cubic feet): 687748.3

Building Volume Daily (cubic feet): 27532.92

On Road Truck Travel (VMT): 382.4

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 4 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 4 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 4 hours per day

Phase: Demolition 1/2/2011 - 1/29/2011 - Asphalt Demolition

Building Volume Total (cubic feet): 72811.21

Building Volume Daily (cubic feet): 2913.63

On Road Truck Travel (VMT): 40.47

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 4 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 4 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 4 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 4 hours per day

Phase: Mass Grading 2/7/2011 - 5/6/2011 - Yard & Tracks - Drainage System, Grading & OCS Foundation

Total Acres Disturbed: 6.9

Maximum Daily Acreage Disturbed: 5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

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- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Dumpers/Tenders (16 hp) operating at a 0.38 load factor for 8 hours per day
- 1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day
- 1 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 1/3/2011 - 1/21/2011 - Maint Fac - Utility Relocation

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day

Phase: Trenching 1/24/2011 - 2/18/2011 - Traction Power Substations - Underground Utilities Connections

Traction Power Substations - Underground Utilities Connections

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Dumpers/Tenders (16 hp) operating at a 0.38 load factor for 8 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day
- 1 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 1/31/2011 - 2/25/2011 - Maint Fac - Excavation for Underground Utilities

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Building Construction 2/28/2011 - 4/15/2011 - Maint Fac - CIPH Construction

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day

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- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Building Construction 4/18/2011 - 7/8/2011 - Maint Fac - Foundation

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Building Construction 7/11/2011 - 10/21/2011 - Maint Fac - Foundation Walls

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Building Construction 10/17/2011 - 11/4/2011 - Traction Power Substations - Concrete Slab Construction

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Building Construction 10/24/2011 - 11/9/2012 - Maint Fac - Construction of Building

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day

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- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Building Construction 10/8/2012 - 2/8/2013 - Maint Fac - Equipment Installation, Test & Commissioning

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Urbemis 2007 Version 9.2.4

Detail Report for Summer Construction Mitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Maintenance Facility\Expo Maintenance Facility 8-24.urb924

Project Name: Expo Maintenance Facility

Project Location: Los Angeles County

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Summer Pounds Per Day, Mitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 1/3/2011-1/21/2011	48.67	26.29	12.86	2.30	15.16	2.68	2.11	4.80
Active Days: 15								
Demolition 01/02/2011-01/29/2011	14.95	8.31	1.24	0.67	1.91	0.26	0.62	0.88
Fugitive Dust	0.00	0.00	1.22	0.00	1.22	0.25	0.00	0.25
Demo Off Road Diesel	13.73	6.82	0.00	0.62	0.62	0.00	0.57	0.57
Demo On Road Diesel	1.16	0.47	0.01	0.05	0.05	0.00	0.04	0.05
Demo Worker Trips	0.06	1.01	0.01	0.00	0.01	0.00	0.00	0.00
Demolition 01/03/2011-02/04/2011	22.34	11.34	11.62	0.99	12.62	2.42	0.91	3.34
Fugitive Dust	0.00	0.00	11.56	0.00	11.56	2.41	0.00	2.41
Demo Off Road Diesel	11.33	6.16	0.00	0.54	0.54	0.00	0.49	0.49
Demo On Road Diesel	10.96	4.43	0.05	0.46	0.51	0.02	0.42	0.44
Demo Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00
Trenching 01/03/2011-01/21/2011	11.39	6.64	0.00	0.63	0.63	0.00	0.58	0.58
Trenching Off Road Diesel	11.34	5.88	0.00	0.63	0.63	0.00	0.58	0.58
Trenching Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 1/24/2011-1/28/2011	78.16	41.18	<u>12.87</u>	3.80	<u>16.67</u>	<u>2.69</u>	3.50	<u>6.18</u>
Active Days: 5								
Demolition 01/02/2011-01/29/2011	14.95	8.31	1.24	0.67	1.91	0.26	0.62	0.88
Fugitive Dust	0.00	0.00	1.22	0.00	1.22	0.25	0.00	0.25
Demo Off Road Diesel	13.73	6.82	0.00	0.62	0.62	0.00	0.57	0.57
Demo On Road Diesel	1.16	0.47	0.01	0.05	0.05	0.00	0.04	0.05
Demo Worker Trips	0.06	1.01	0.01	0.00	0.01	0.00	0.00	0.00
Demolition 01/03/2011-02/04/2011	22.34	11.34	11.62	0.99	12.62	2.42	0.91	3.34
Fugitive Dust	0.00	0.00	11.56	0.00	11.56	2.41	0.00	2.41
Demo Off Road Diesel	11.33	6.16	0.00	0.54	0.54	0.00	0.49	0.49
Demo On Road Diesel	10.96	4.43	0.05	0.46	0.51	0.02	0.42	0.44
Demo Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00
Trenching 01/24/2011-02/18/2011	40.88	21.53	0.01	2.13	2.15	0.00	1.96	1.97
Trenching Off Road Diesel	40.76	19.50	0.00	2.13	2.13	0.00	1.96	1.96
Trenching Worker Trips	0.12	2.03	0.01	0.01	0.02	0.00	0.01	0.01
Time Slice 1/31/2011-2/4/2011	76.60	40.05	11.64	3.80	15.44	2.43	3.49	5.92
Active Days: 5								
Demolition 01/03/2011-02/04/2011	22.34	11.34	11.62	0.99	12.62	2.42	0.91	3.34
Fugitive Dust	0.00	0.00	11.56	0.00	11.56	2.41	0.00	2.41
Demo Off Road Diesel	11.33	6.16	0.00	0.54	0.54	0.00	0.49	0.49
Demo On Road Diesel	10.96	4.43	0.05	0.46	0.51	0.02	0.42	0.44
Demo Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00
Trenching 01/24/2011-02/18/2011	40.88	21.53	0.01	2.13	2.15	0.00	1.96	1.97
Trenching Off Road Diesel	40.76	19.50	0.00	2.13	2.13	0.00	1.96	1.96
Trenching Worker Trips	0.12	2.03	0.01	0.01	0.02	0.00	0.01	0.01
Trenching 01/31/2011-02/25/2011	13.39	7.18	0.00	0.67	0.67	0.00	0.62	0.62
Trenching Off Road Diesel	13.34	6.42	0.00	0.67	0.67	0.00	0.61	0.61
Trenching Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 2/7/2011-2/18/2011	92.06	47.36	1.30	4.68	5.98	0.27	4.30	4.58
Active Days: 10								
Mass Grading 02/07/2011-05/06/2011	37.79	18.66	1.28	1.87	3.15	0.27	1.72	1.99
Mass Grading Dust	0.00	0.00	1.27	0.00	1.27	0.27	0.00	0.27
Mass Grading Off Road Diesel	37.71	17.14	0.00	1.87	1.87	0.00	1.72	1.72
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.09	1.52	0.01	0.01	0.01	0.00	0.00	0.01
Trenching 01/24/2011-02/18/2011	40.88	21.53	0.01	2.13	2.15	0.00	1.96	1.97
Trenching Off Road Diesel	40.76	19.50	0.00	2.13	2.13	0.00	1.96	1.96
Trenching Worker Trips	0.12	2.03	0.01	0.01	0.02	0.00	0.01	0.01
Trenching 01/31/2011-02/25/2011	13.39	7.18	0.00	0.67	0.67	0.00	0.62	0.62
Trenching Off Road Diesel	13.34	6.42	0.00	0.67	0.67	0.00	0.61	0.61
Trenching Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00
Time Slice 2/21/2011-2/25/2011	51.18	25.84	1.28	2.54	3.83	0.27	2.34	2.61
Active Days: 5								
Mass Grading 02/07/2011-05/06/2011	37.79	18.66	1.28	1.87	3.15	0.27	1.72	1.99
Mass Grading Dust	0.00	0.00	1.27	0.00	1.27	0.27	0.00	0.27
Mass Grading Off Road Diesel	37.71	17.14	0.00	1.87	1.87	0.00	1.72	1.72
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.09	1.52	0.01	0.01	0.01	0.00	0.00	0.01
Trenching 01/31/2011-02/25/2011	13.39	7.18	0.00	0.67	0.67	0.00	0.62	0.62
Trenching Off Road Diesel	13.34	6.42	0.00	0.67	0.67	0.00	0.61	0.61
Trenching Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 2/28/2011-4/15/2011 Active Days: 35	93.36	49.79	1.34	4.33	5.67	0.29	3.98	4.27
Building 02/28/2011-04/15/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Mass Grading 02/07/2011-05/06/2011	37.79	18.66	1.28	1.87	3.15	0.27	1.72	1.99
Mass Grading Dust	0.00	0.00	1.27	0.00	1.27	0.27	0.00	0.27
Mass Grading Off Road Diesel	37.71	17.14	0.00	1.87	1.87	0.00	1.72	1.72
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.09	1.52	0.01	0.01	0.01	0.00	0.00	0.01
Time Slice 4/18/2011-5/6/2011 Active Days: 15	93.36	49.79	1.34	4.33	5.67	0.29	3.98	4.27
Building 04/18/2011-07/08/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Mass Grading 02/07/2011-05/06/2011	37.79	18.66	1.28	1.87	3.15	0.27	1.72	1.99
Mass Grading Dust	0.00	0.00	1.27	0.00	1.27	0.27	0.00	0.27
Mass Grading Off Road Diesel	37.71	17.14	0.00	1.87	1.87	0.00	1.72	1.72
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.09	1.52	0.01	0.01	0.01	0.00	0.00	0.01
Time Slice 5/9/2011-7/8/2011 Active Days: 45	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building 04/18/2011-07/08/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04

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Time Slice 7/11/2011-10/14/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Active Days: 70								
Building 07/11/2011-10/21/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Time Slice 10/17/2011-10/21/2011	<u>111.13</u>	<u>62.26</u>	0.11	<u>4.92</u>	5.03	0.04	<u>4.52</u>	4.56
Active Days: 5								
Building 07/11/2011-10/21/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Building 10/17/2011-11/04/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Time Slice 10/24/2011-11/4/2011	<u>111.13</u>	<u>62.26</u>	0.11	<u>4.92</u>	5.03	0.04	<u>4.52</u>	4.56
Active Days: 10								
Building 10/17/2011-11/04/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Building 10/24/2011-11/09/2012	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04

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Time Slice 11/7/2011-12/30/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Active Days: 40								
Building 10/24/2011-11/09/2012	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Time Slice 1/2/2012-10/5/2012	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Active Days: 200								
Building 10/24/2011-11/09/2012	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Building Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Building Vendor Trips	1.11	0.99	0.01	0.05	0.06	0.00	0.04	0.05
Building Worker Trips	0.44	7.56	0.05	0.03	0.07	0.02	0.02	0.04
Time Slice 10/8/2012-11/9/2012	<u>103.72</u>	<u>59.28</u>	<u>0.11</u>	<u>4.39</u>	<u>4.51</u>	<u>0.04</u>	<u>4.04</u>	<u>4.08</u>
Active Days: 25								
Building 10/08/2012-02/08/2013	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Building Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Building Vendor Trips	1.11	0.99	0.01	0.05	0.06	0.00	0.04	0.05
Building Worker Trips	0.44	7.56	0.05	0.03	0.07	0.02	0.02	0.04
Building 10/24/2011-11/09/2012	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Building Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Building Vendor Trips	1.11	0.99	0.01	0.05	0.06	0.00	0.04	0.05
Building Worker Trips	0.44	7.56	0.05	0.03	0.07	0.02	0.02	0.04
Time Slice 11/12/2012-12/31/2012	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Active Days: 36								
Building 10/08/2012-02/08/2013	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Building Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Building Vendor Trips	1.11	0.99	0.01	0.05	0.06	0.00	0.04	0.05
Building Worker Trips	0.44	7.56	0.05	0.03	0.07	0.02	0.02	0.04

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Time Slice 1/1/2013-2/8/2013 Active Days: 29	<u>48.46</u>	<u>28.28</u>	<u>0.06</u>	<u>1.98</u>	<u>2.03</u>	<u>0.02</u>	<u>1.82</u>	<u>1.84</u>
Building 10/08/2012-02/08/2013	48.46	28.28	0.06	1.98	2.03	0.02	1.82	1.84
Building Off Road Diesel	47.07	20.33	0.00	1.91	1.91	0.00	1.75	1.75
Building Vendor Trips	0.99	0.91	0.01	0.04	0.05	0.00	0.04	0.04
Building Worker Trips	0.40	7.04	0.05	0.03	0.07	0.02	0.02	0.04

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Mass Grading 2/7/2011 - 5/6/2011 - Yard & Tracks - Drainage System, Grading & OCS Foundation

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Replace ground cover in disturbed areas quickly mitigation reduces emissions by:

PM10: 5% PM25: 5%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust Pave all haul roads mitigation reduces emissions by:

PM10: 99% PM25: 99%

Phase Assumptions

Phase: Demolition 1/3/2011 - 2/4/2011 - Maint Fac - Demolition & Removal

Building Volume Total (cubic feet): 687748.3

Building Volume Daily (cubic feet): 27532.92

On Road Truck Travel (VMT): 382.4

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 4 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 4 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 4 hours per day

Phase: Demolition 1/2/2011 - 1/29/2011 - Asphalt Demolition

Building Volume Total (cubic feet): 72811.21

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Building Volume Daily (cubic feet): 2913.63

On Road Truck Travel (VMT): 40.47

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 4 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 4 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 4 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 4 hours per day

Phase: Mass Grading 2/7/2011 - 5/6/2011 - Yard & Tracks - Drainage System, Grading & OCS Foundation

Total Acres Disturbed: 6.9

Maximum Daily Acreage Disturbed: 5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Dumpers/Tenders (16 hp) operating at a 0.38 load factor for 8 hours per day
- 1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day
- 1 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 1/3/2011 - 1/21/2011 - Maint Fac - Utility Relocation

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day

Phase: Trenching 1/24/2011 - 2/18/2011 - Traction Power Substations - Underground Utilities Connections

Traction Power Substations - Underground Utilities Connections

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Dumpers/Tenders (16 hp) operating at a 0.38 load factor for 8 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day

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- 1 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 1/31/2011 - 2/25/2011 - Maint Fac - Excavation for Underground Utilities

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Building Construction 2/28/2011 - 4/15/2011 - Maint Fac - CIPH Construction

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Building Construction 4/18/2011 - 7/8/2011 - Maint Fac - Foundation

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Building Construction 7/11/2011 - 10/21/2011 - Maint Fac - Foundation Walls

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

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- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Building Construction 10/17/2011 - 11/4/2011 - Traction Power Substations - Concrete Slab Construction

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Building Construction 10/24/2011 - 11/9/2012 - Maint Fac - Construction of Building

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Building Construction 10/8/2012 - 2/8/2013 - Maint Fac - Equipment Installation, Test & Commissioning

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Urbemis 2007 Version 9.2.4

Detail Report for Winter Construction Mitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Maintenance Facility\Expo Maintenance Facility 8-24.urb924

Project Name: Expo Maintenance Facility

Project Location: Los Angeles County

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Winter Pounds Per Day, Mitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 1/3/2011-1/21/2011	48.67	26.29	12.86	2.30	15.16	2.68	2.11	4.80
Active Days: 15								
Demolition 01/02/2011-01/29/2011	14.95	8.31	1.24	0.67	1.91	0.26	0.62	0.88
Fugitive Dust	0.00	0.00	1.22	0.00	1.22	0.25	0.00	0.25
Demo Off Road Diesel	13.73	6.82	0.00	0.62	0.62	0.00	0.57	0.57
Demo On Road Diesel	1.16	0.47	0.01	0.05	0.05	0.00	0.04	0.05
Demo Worker Trips	0.06	1.01	0.01	0.00	0.01	0.00	0.00	0.00
Demolition 01/03/2011-02/04/2011	22.34	11.34	11.62	0.99	12.62	2.42	0.91	3.34
Fugitive Dust	0.00	0.00	11.56	0.00	11.56	2.41	0.00	2.41
Demo Off Road Diesel	11.33	6.16	0.00	0.54	0.54	0.00	0.49	0.49
Demo On Road Diesel	10.96	4.43	0.05	0.46	0.51	0.02	0.42	0.44
Demo Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00
Trenching 01/03/2011-01/21/2011	11.39	6.64	0.00	0.63	0.63	0.00	0.58	0.58
Trenching Off Road Diesel	11.34	5.88	0.00	0.63	0.63	0.00	0.58	0.58
Trenching Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 1/24/2011-1/28/2011	78.16	41.18	<u>12.87</u>	3.80	<u>16.67</u>	<u>2.69</u>	3.50	<u>6.18</u>
Active Days: 5								
Demolition 01/02/2011-01/29/2011	14.95	8.31	1.24	0.67	1.91	0.26	0.62	0.88
Fugitive Dust	0.00	0.00	1.22	0.00	1.22	0.25	0.00	0.25
Demo Off Road Diesel	13.73	6.82	0.00	0.62	0.62	0.00	0.57	0.57
Demo On Road Diesel	1.16	0.47	0.01	0.05	0.05	0.00	0.04	0.05
Demo Worker Trips	0.06	1.01	0.01	0.00	0.01	0.00	0.00	0.00
Demolition 01/03/2011-02/04/2011	22.34	11.34	11.62	0.99	12.62	2.42	0.91	3.34
Fugitive Dust	0.00	0.00	11.56	0.00	11.56	2.41	0.00	2.41
Demo Off Road Diesel	11.33	6.16	0.00	0.54	0.54	0.00	0.49	0.49
Demo On Road Diesel	10.96	4.43	0.05	0.46	0.51	0.02	0.42	0.44
Demo Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00
Trenching 01/24/2011-02/18/2011	40.88	21.53	0.01	2.13	2.15	0.00	1.96	1.97
Trenching Off Road Diesel	40.76	19.50	0.00	2.13	2.13	0.00	1.96	1.96
Trenching Worker Trips	0.12	2.03	0.01	0.01	0.02	0.00	0.01	0.01
Time Slice 1/31/2011-2/4/2011	76.60	40.05	11.64	3.80	15.44	2.43	3.49	5.92
Active Days: 5								
Demolition 01/03/2011-02/04/2011	22.34	11.34	11.62	0.99	12.62	2.42	0.91	3.34
Fugitive Dust	0.00	0.00	11.56	0.00	11.56	2.41	0.00	2.41
Demo Off Road Diesel	11.33	6.16	0.00	0.54	0.54	0.00	0.49	0.49
Demo On Road Diesel	10.96	4.43	0.05	0.46	0.51	0.02	0.42	0.44
Demo Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00
Trenching 01/24/2011-02/18/2011	40.88	21.53	0.01	2.13	2.15	0.00	1.96	1.97
Trenching Off Road Diesel	40.76	19.50	0.00	2.13	2.13	0.00	1.96	1.96
Trenching Worker Trips	0.12	2.03	0.01	0.01	0.02	0.00	0.01	0.01
Trenching 01/31/2011-02/25/2011	13.39	7.18	0.00	0.67	0.67	0.00	0.62	0.62
Trenching Off Road Diesel	13.34	6.42	0.00	0.67	0.67	0.00	0.61	0.61
Trenching Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 2/7/2011-2/18/2011	92.06	47.36	1.30	4.68	5.98	0.27	4.30	4.58
Active Days: 10								
Mass Grading 02/07/2011-05/06/2011	37.79	18.66	1.28	1.87	3.15	0.27	1.72	1.99
Mass Grading Dust	0.00	0.00	1.27	0.00	1.27	0.27	0.00	0.27
Mass Grading Off Road Diesel	37.71	17.14	0.00	1.87	1.87	0.00	1.72	1.72
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.09	1.52	0.01	0.01	0.01	0.00	0.00	0.01
Trenching 01/24/2011-02/18/2011	40.88	21.53	0.01	2.13	2.15	0.00	1.96	1.97
Trenching Off Road Diesel	40.76	19.50	0.00	2.13	2.13	0.00	1.96	1.96
Trenching Worker Trips	0.12	2.03	0.01	0.01	0.02	0.00	0.01	0.01
Trenching 01/31/2011-02/25/2011	13.39	7.18	0.00	0.67	0.67	0.00	0.62	0.62
Trenching Off Road Diesel	13.34	6.42	0.00	0.67	0.67	0.00	0.61	0.61
Trenching Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00
Time Slice 2/21/2011-2/25/2011	51.18	25.84	1.28	2.54	3.83	0.27	2.34	2.61
Active Days: 5								
Mass Grading 02/07/2011-05/06/2011	37.79	18.66	1.28	1.87	3.15	0.27	1.72	1.99
Mass Grading Dust	0.00	0.00	1.27	0.00	1.27	0.27	0.00	0.27
Mass Grading Off Road Diesel	37.71	17.14	0.00	1.87	1.87	0.00	1.72	1.72
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.09	1.52	0.01	0.01	0.01	0.00	0.00	0.01
Trenching 01/31/2011-02/25/2011	13.39	7.18	0.00	0.67	0.67	0.00	0.62	0.62
Trenching Off Road Diesel	13.34	6.42	0.00	0.67	0.67	0.00	0.61	0.61
Trenching Worker Trips	0.04	0.76	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 2/28/2011-4/15/2011 Active Days: 35	93.36	49.79	1.34	4.33	5.67	0.29	3.98	4.27
Building 02/28/2011-04/15/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Mass Grading 02/07/2011-05/06/2011	37.79	18.66	1.28	1.87	3.15	0.27	1.72	1.99
Mass Grading Dust	0.00	0.00	1.27	0.00	1.27	0.27	0.00	0.27
Mass Grading Off Road Diesel	37.71	17.14	0.00	1.87	1.87	0.00	1.72	1.72
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.09	1.52	0.01	0.01	0.01	0.00	0.00	0.01
Time Slice 4/18/2011-5/6/2011 Active Days: 15	93.36	49.79	1.34	4.33	5.67	0.29	3.98	4.27
Building 04/18/2011-07/08/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Mass Grading 02/07/2011-05/06/2011	37.79	18.66	1.28	1.87	3.15	0.27	1.72	1.99
Mass Grading Dust	0.00	0.00	1.27	0.00	1.27	0.27	0.00	0.27
Mass Grading Off Road Diesel	37.71	17.14	0.00	1.87	1.87	0.00	1.72	1.72
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.09	1.52	0.01	0.01	0.01	0.00	0.00	0.01
Time Slice 5/9/2011-7/8/2011 Active Days: 45	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building 04/18/2011-07/08/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04

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Time Slice 7/11/2011-10/14/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Active Days: 70								
Building 07/11/2011-10/21/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Time Slice 10/17/2011-10/21/2011	<u>111.13</u>	<u>62.26</u>	0.11	<u>4.92</u>	5.03	0.04	<u>4.52</u>	4.56
Active Days: 5								
Building 07/11/2011-10/21/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Building 10/17/2011-11/04/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Time Slice 10/24/2011-11/4/2011	<u>111.13</u>	<u>62.26</u>	0.11	<u>4.92</u>	5.03	0.04	<u>4.52</u>	4.56
Active Days: 10								
Building 10/17/2011-11/04/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Building 10/24/2011-11/09/2012	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04

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Time Slice 11/7/2011-12/30/2011	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Active Days: 40								
Building 10/24/2011-11/09/2012	55.56	31.13	0.06	2.46	2.51	0.02	2.26	2.28
Building Off Road Diesel	53.85	21.96	0.00	2.38	2.38	0.00	2.19	2.19
Building Vendor Trips	1.24	1.06	0.01	0.05	0.06	0.00	0.05	0.05
Building Worker Trips	0.47	8.11	0.05	0.03	0.07	0.02	0.02	0.04
Time Slice 1/2/2012-10/5/2012	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Active Days: 200								
Building 10/24/2011-11/09/2012	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Building Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Building Vendor Trips	1.11	0.99	0.01	0.05	0.06	0.00	0.04	0.05
Building Worker Trips	0.44	7.56	0.05	0.03	0.07	0.02	0.02	0.04
Time Slice 10/8/2012-11/9/2012	<u>103.72</u>	<u>59.28</u>	<u>0.11</u>	<u>4.39</u>	<u>4.51</u>	<u>0.04</u>	<u>4.04</u>	<u>4.08</u>
Active Days: 25								
Building 10/08/2012-02/08/2013	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Building Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Building Vendor Trips	1.11	0.99	0.01	0.05	0.06	0.00	0.04	0.05
Building Worker Trips	0.44	7.56	0.05	0.03	0.07	0.02	0.02	0.04
Building 10/24/2011-11/09/2012	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Building Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Building Vendor Trips	1.11	0.99	0.01	0.05	0.06	0.00	0.04	0.05
Building Worker Trips	0.44	7.56	0.05	0.03	0.07	0.02	0.02	0.04
Time Slice 11/12/2012-12/31/2012	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Active Days: 36								
Building 10/08/2012-02/08/2013	51.86	29.64	0.06	2.20	2.25	0.02	2.02	2.04
Building Off Road Diesel	50.31	21.10	0.00	2.12	2.12	0.00	1.95	1.95
Building Vendor Trips	1.11	0.99	0.01	0.05	0.06	0.00	0.04	0.05
Building Worker Trips	0.44	7.56	0.05	0.03	0.07	0.02	0.02	0.04

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Time Slice 1/1/2013-2/8/2013 Active Days: 29	<u>48.46</u>	<u>28.28</u>	<u>0.06</u>	<u>1.98</u>	<u>2.03</u>	<u>0.02</u>	<u>1.82</u>	<u>1.84</u>
Building 10/08/2012-02/08/2013	48.46	28.28	0.06	1.98	2.03	0.02	1.82	1.84
Building Off Road Diesel	47.07	20.33	0.00	1.91	1.91	0.00	1.75	1.75
Building Vendor Trips	0.99	0.91	0.01	0.04	0.05	0.00	0.04	0.04
Building Worker Trips	0.40	7.04	0.05	0.03	0.07	0.02	0.02	0.04

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Mass Grading 2/7/2011 - 5/6/2011 - Yard & Tracks - Drainage System, Grading & OCS Foundation

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Replace ground cover in disturbed areas quickly mitigation reduces emissions by:

PM10: 5% PM25: 5%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust Pave all haul roads mitigation reduces emissions by:

PM10: 99% PM25: 99%

Phase Assumptions

Phase: Demolition 1/3/2011 - 2/4/2011 - Maint Fac - Demolition & Removal

Building Volume Total (cubic feet): 687748.3

Building Volume Daily (cubic feet): 27532.92

On Road Truck Travel (VMT): 382.4

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 4 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 4 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 4 hours per day

Phase: Demolition 1/2/2011 - 1/29/2011 - Asphalt Demolition

Building Volume Total (cubic feet): 72811.21

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Building Volume Daily (cubic feet): 2913.63

On Road Truck Travel (VMT): 40.47

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 4 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 4 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 4 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 4 hours per day

Phase: Mass Grading 2/7/2011 - 5/6/2011 - Yard & Tracks - Drainage System, Grading & OCS Foundation

Total Acres Disturbed: 6.9

Maximum Daily Acreage Disturbed: 5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Dumpers/Tenders (16 hp) operating at a 0.38 load factor for 8 hours per day
- 1 Graders (174 hp) operating at a 0.61 load factor for 6 hours per day
- 1 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 1/3/2011 - 1/21/2011 - Maint Fac - Utility Relocation

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day

Phase: Trenching 1/24/2011 - 2/18/2011 - Traction Power Substations - Underground Utilities Connections

Traction Power Substations - Underground Utilities Connections

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Dumpers/Tenders (16 hp) operating at a 0.38 load factor for 8 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day

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- 1 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 1/31/2011 - 2/25/2011 - Maint Fac - Excavation for Underground Utilities

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Building Construction 2/28/2011 - 4/15/2011 - Maint Fac - CIPH Construction

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Building Construction 4/18/2011 - 7/8/2011 - Maint Fac - Foundation

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Building Construction 7/11/2011 - 10/21/2011 - Maint Fac - Foundation Walls

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

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2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Building Construction 10/17/2011 - 11/4/2011 - Traction Power Substations - Concrete Slab Construction

Off-Road Equipment:

1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day

1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day

1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Building Construction 10/24/2011 - 11/9/2012 - Maint Fac - Construction of Building

Off-Road Equipment:

1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day

1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day

1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Phase: Building Construction 10/8/2012 - 2/8/2013 - Maint Fac - Equipment Installation, Test & Commissioning

Off-Road Equipment:

1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 8 hours per day

1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 8 hours per day

1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

Reductions for Demolition Fugitive Dust:

Maintenance Facility

Demolition Time Period	Fugitive Dust (URBEMIS)	Reduced Fugitive Dust	Exhaust	PM10 Total	Fugitive Dust (URBEMIS)	Reduced Fugitive Dust	Exhaust	PM2.5 Total
Summer								
1/3/2011-1/21/2011	1.22	0.060512	0.69	0.750512	0.25	0.0124	0.63	0.64
1/24/2011-1/28/2011	1.22	0.060512	0.69	0.750512	0.25	0.0124	0.63	0.64
1/24/2011-1/28/2011	11.56	0.573376	1.06	1.633376	2.41	0.119536	0.93	1.05
1/31/2011-2/4/2011	11.56	0.573376	1.06	1.633376	2.41	0.119536	0.93	1.05
Winter								
1/3/2011-1/21/2011	1.22	0.060512	0.69	0.750512	0.25	0.0124	0.63	0.64
1/24/2011-1/28/2011	1.22	0.060512	0.69	0.750512	0.25	0.0124	0.63	0.64
1/24/2011-1/28/2011	11.56	0.573376	1.06	1.633376	2.41	0.119536	0.93	1.05
1/31/2011-2/4/2011	11.56	0.573376	1.06	1.633376	2.41	0.119536	0.93	1.05

Sepulveda Aerial Structure

Urbemis 2007 Version 9.2.4

Detail Report for Summer Construction Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Sepulveda Bridge Structure\Sepulveda Aerial Structurewith ground cover.urb924

Project Name: Expo - Sepulveda Bridge Structure

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Summer Pounds Per Day, Unmitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 10/3/2011-10/28/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Active Days: 20								
Trenching 10/03/2011-11/11/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Trenching Off Road Diesel	16.14	7.21	0.00	0.79	0.79	0.00	0.73	0.73
Trenching Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 10/31/2011-11/4/2011	21.91	11.86	0.01	1.11	1.12	0.00	1.02	1.03
Active Days: 5								
Trenching 10/03/2011-11/11/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Trenching Off Road Diesel	16.14	7.21	0.00	0.79	0.79	0.00	0.73	0.73
Trenching Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 10/31/2011-11/11/2011	5.71	3.67	0.00	0.32	0.32	0.00	0.29	0.29
Trenching Off Road Diesel	5.67	2.94	0.00	0.31	0.31	0.00	0.29	0.29
Trenching Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 11/7/2011-11/11/2011	35.18	19.07	3.18	<u>1.70</u>	4.88	0.67	<u>1.56</u>	2.23
Active Days: 5								
Demolition 11/07/2011-12/02/2011	13.27	7.22	3.17	0.58	3.76	0.66	0.54	1.20
Fugitive Dust	0.00	0.00	3.15	0.00	3.15	0.66	0.00	0.66
Demo Off Road Diesel	10.30	5.12	0.00	0.46	0.46	0.00	0.43	0.43
Demo On Road Diesel	2.92	1.12	0.01	0.12	0.13	0.00	0.11	0.11
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 10/03/2011-11/11/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Trenching Off Road Diesel	16.14	7.21	0.00	0.79	0.79	0.00	0.73	0.73
Trenching Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 10/31/2011-11/11/2011	5.71	3.67	0.00	0.32	0.32	0.00	0.29	0.29
Trenching Off Road Diesel	5.67	2.94	0.00	0.31	0.31	0.00	0.29	0.29
Trenching Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 11/14/2011-11/18/2011	25.54	14.70	14.17	1.15	15.32	2.96	1.06	4.02
Active Days: 5								
Demolition 11/07/2011-12/02/2011	13.27	7.22	3.17	0.58	3.76	0.66	0.54	1.20
Fugitive Dust	0.00	0.00	3.15	0.00	3.15	0.66	0.00	0.66
Demo Off Road Diesel	10.30	5.12	0.00	0.46	0.46	0.00	0.43	0.43
Demo On Road Diesel	2.92	1.12	0.01	0.12	0.13	0.00	0.11	0.11
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Demolition 11/14/2011-11/25/2011	7.85	4.75	1.00	0.35	1.35	0.21	0.32	0.53
Fugitive Dust	0.00	0.00	0.99	0.00	0.99	0.21	0.00	0.21
Demo Off Road Diesel	6.88	3.42	0.00	0.31	0.31	0.00	0.29	0.29
Demo On Road Diesel	0.92	0.35	0.00	0.04	0.04	0.00	0.03	0.04
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Mass Grading 11/14/2011-12/23/2011	4.41	2.73	10.00	0.21	10.22	2.09	0.20	2.29
Mass Grading Dust	0.00	0.00	10.00	0.00	10.00	2.09	0.00	2.09
Mass Grading Off Road Diesel	4.37	2.00	0.00	0.21	0.21	0.00	0.20	0.20
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 11/21/2011-11/25/2011	<u>37.91</u>	<u>19.89</u>	<u>14.18</u>	1.69	<u>15.86</u>	<u>2.96</u>	1.55	<u>4.52</u>
Active Days: 5								
Building 11/21/2011-02/10/2012	12.37	5.19	0.00	0.54	0.54	0.00	0.49	0.50
Building Off Road Diesel	12.29	4.74	0.00	0.53	0.53	0.00	0.49	0.49
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Demolition 11/07/2011-12/02/2011	13.27	7.22	3.17	0.58	3.76	0.66	0.54	1.20
Fugitive Dust	0.00	0.00	3.15	0.00	3.15	0.66	0.00	0.66
Demo Off Road Diesel	10.30	5.12	0.00	0.46	0.46	0.00	0.43	0.43
Demo On Road Diesel	2.92	1.12	0.01	0.12	0.13	0.00	0.11	0.11
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Demolition 11/14/2011-11/25/2011	7.85	4.75	1.00	0.35	1.35	0.21	0.32	0.53
Fugitive Dust	0.00	0.00	0.99	0.00	0.99	0.21	0.00	0.21
Demo Off Road Diesel	6.88	3.42	0.00	0.31	0.31	0.00	0.29	0.29
Demo On Road Diesel	0.92	0.35	0.00	0.04	0.04	0.00	0.03	0.04
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Mass Grading 11/14/2011-12/23/2011	4.41	2.73	10.00	0.21	10.22	2.09	0.20	2.29
Mass Grading Dust	0.00	0.00	10.00	0.00	10.00	2.09	0.00	2.09
Mass Grading Off Road Diesel	4.37	2.00	0.00	0.21	0.21	0.00	0.20	0.20
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 11/28/2011-12/2/2011 Active Days: 5	30.06	15.14	13.18	1.34	14.52	2.75	1.23	3.98
Building 11/21/2011-02/10/2012	12.37	5.19	0.00	0.54	0.54	0.00	0.49	0.50
Building Off Road Diesel	12.29	4.74	0.00	0.53	0.53	0.00	0.49	0.49
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Demolition 11/07/2011-12/02/2011	13.27	7.22	3.17	0.58	3.76	0.66	0.54	1.20
Fugitive Dust	0.00	0.00	3.15	0.00	3.15	0.66	0.00	0.66
Demo Off Road Diesel	10.30	5.12	0.00	0.46	0.46	0.00	0.43	0.43
Demo On Road Diesel	2.92	1.12	0.01	0.12	0.13	0.00	0.11	0.11
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Mass Grading 11/14/2011-12/23/2011	4.41	2.73	10.00	0.21	10.22	2.09	0.20	2.29
Mass Grading Dust	0.00	0.00	10.00	0.00	10.00	2.09	0.00	2.09
Mass Grading Off Road Diesel	4.37	2.00	0.00	0.21	0.21	0.00	0.20	0.20
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00
Time Slice 12/5/2011-12/23/2011 Active Days: 15	16.79	7.92	10.01	0.75	10.76	2.09	0.69	2.78
Building 11/21/2011-02/10/2012	12.37	5.19	0.00	0.54	0.54	0.00	0.49	0.50
Building Off Road Diesel	12.29	4.74	0.00	0.53	0.53	0.00	0.49	0.49
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading 11/14/2011-12/23/2011	4.41	2.73	10.00	0.21	10.22	2.09	0.20	2.29
Mass Grading Dust	0.00	0.00	10.00	0.00	10.00	2.09	0.00	2.09
Mass Grading Off Road Diesel	4.37	2.00	0.00	0.21	0.21	0.00	0.20	0.20
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 12/26/2011-12/30/2011 Active Days: 5	26.05	11.12	0.01	1.16	1.16	0.00	1.06	1.07
Building 11/21/2011-02/10/2012	12.37	5.19	0.00	0.54	0.54	0.00	0.49	0.50
Building Off Road Diesel	12.29	4.74	0.00	0.53	0.53	0.00	0.49	0.49
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Building 12/26/2011-02/17/2012	13.68	5.93	0.00	0.62	0.62	0.00	0.57	0.57
Building Off Road Diesel	13.60	5.48	0.00	0.62	0.62	0.00	0.57	0.57
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 1/2/2012-2/3/2012 Active Days: 25	37.44	16.03	0.01	1.58	1.59	0.00	1.45	1.46
Building 01/02/2012-03/16/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 11/21/2011-02/10/2012	11.63	4.87	0.00	0.48	0.48	0.00	0.44	0.44
Building Off Road Diesel	11.55	4.45	0.00	0.47	0.47	0.00	0.44	0.44
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 12/26/2011-02/17/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 2/6/2012-2/10/2012	<u>50.35</u>	<u>21.61</u>	0.01	<u>2.13</u>	2.14	0.00	<u>1.96</u>	1.96
Active Days: 5								
Building 01/02/2012-03/16/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 02/06/2012-04/27/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 11/21/2011-02/10/2012	11.63	4.87	0.00	0.48	0.48	0.00	0.44	0.44
Building Off Road Diesel	11.55	4.45	0.00	0.47	0.47	0.00	0.44	0.44
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 12/26/2011-02/17/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 2/13/2012-2/17/2012 Active Days: 5	38.72	16.73	0.01	1.65	1.66	0.00	1.52	1.52
Building 01/02/2012-03/16/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 02/06/2012-04/27/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 12/26/2011-02/17/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 2/20/2012-3/16/2012 Active Days: 20	25.81	11.16	0.01	1.10	1.11	0.00	1.01	1.02
Building 01/02/2012-03/16/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 02/06/2012-04/27/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 3/19/2012-3/23/2012 Active Days: 5	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building 02/06/2012-04/27/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 3/26/2012-4/27/2012	25.81	11.16	0.01	1.10	1.11	0.00	1.01	1.02
Active Days: 25								
Building 02/06/2012-04/27/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 03/26/2012-06/15/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 4/30/2012-5/11/2012	25.81	11.16	0.01	1.10	1.11	0.00	1.01	1.02
Active Days: 10								
Building 03/26/2012-06/15/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 04/30/2012-05/11/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 5/14/2012-5/18/2012	29.02	15.69	10.02	1.37	11.39	2.09	1.26	3.36
Active Days: 5								
Building 03/26/2012-06/15/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 05/14/2012-08/03/2012	16.12	10.11	10.01	0.82	10.84	2.09	0.76	2.85
Fine Grading Dust	0.00	0.00	10.00	0.00	10.00	2.09	0.00	2.09
Fine Grading Off Road Diesel	15.99	7.84	0.00	0.82	0.82	0.00	0.75	0.75
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.13	2.27	0.01	0.01	0.02	0.01	0.01	0.01
Time Slice 5/21/2012-6/15/2012	41.93	21.26	<u>10.02</u>	1.93	<u>11.95</u>	<u>2.10</u>	1.77	<u>3.87</u>
Active Days: 20								
Building 03/26/2012-06/15/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 05/21/2012-07/13/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 05/14/2012-08/03/2012	16.12	10.11	10.01	0.82	10.84	2.09	0.76	2.85
Fine Grading Dust	0.00	0.00	10.00	0.00	10.00	2.09	0.00	2.09
Fine Grading Off Road Diesel	15.99	7.84	0.00	0.82	0.82	0.00	0.75	0.75
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.13	2.27	0.01	0.01	0.02	0.01	0.01	0.01

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Time Slice 6/18/2012-7/13/2012	41.93	21.26	<u>10.02</u>	1.93	<u>11.95</u>	<u>2.10</u>	1.77	<u>3.87</u>
Active Days: 20								
Building 05/21/2012-07/13/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 06/18/2012-12/28/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 05/14/2012-08/03/2012	16.12	10.11	10.01	0.82	10.84	2.09	0.76	2.85
Fine Grading Dust	0.00	0.00	10.00	0.00	10.00	2.09	0.00	2.09
Fine Grading Off Road Diesel	15.99	7.84	0.00	0.82	0.82	0.00	0.75	0.75
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.13	2.27	0.01	0.01	0.02	0.01	0.01	0.01
Time Slice 7/16/2012-8/3/2012	29.02	15.69	10.02	1.37	11.39	2.09	1.26	3.36
Active Days: 15								
Building 06/18/2012-12/28/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 05/14/2012-08/03/2012	16.12	10.11	10.01	0.82	10.84	2.09	0.76	2.85
Fine Grading Dust	0.00	0.00	10.00	0.00	10.00	2.09	0.00	2.09
Fine Grading Off Road Diesel	15.99	7.84	0.00	0.82	0.82	0.00	0.75	0.75
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.13	2.27	0.01	0.01	0.02	0.01	0.01	0.01

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Time Slice 8/6/2012-11/30/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Active Days: 85								
Building 06/18/2012-12/28/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 12/3/2012-12/28/2012	32.42	14.22	6.01	1.34	7.35	1.26	1.23	2.49
Active Days: 20								
Building 06/18/2012-12/28/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 12/03/2012-12/28/2012	19.52	8.64	6.01	0.79	6.79	1.26	0.72	1.98
Fine Grading Dust	0.00	0.00	6.00	0.00	6.00	1.25	0.00	1.25
Fine Grading Off Road Diesel	19.46	7.73	0.00	0.78	0.78	0.00	0.72	0.72
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00

Phase Assumptions

Phase: Demolition 11/7/2011 - 12/2/2011 - SAS - Demolition & Removal

Building Volume Total (cubic feet): 22500

Building Volume Daily (cubic feet): 7500

On Road Truck Travel (VMT): 104.17

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 3 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 3 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 3 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 3 hours per day

Phase: Demolition 11/14/2011 - 11/25/2011 - SRFA - Demolition and Track Removal

Building Volume Total (cubic feet): 23656.32

Building Volume Daily (cubic feet): 2352

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On Road Truck Travel (VMT): 32.67

Off-Road Equipment:

- 1 Cranes (215 hp) operating at a 0.51 load factor for 2 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 2 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 2 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 2 hours per day

Phase: Fine Grading 5/14/2012 - 8/3/2012 - SRFA - Placing Precast Panels

Total Acres Disturbed: 1

Maximum Daily Acreage Disturbed: 0.5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Cranes (215 hp) operating at a 0.51 load factor for 4 hours per day
- 4 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 4 hours per day
- 1 Graders (174 hp) operating at a 0.61 load factor for 4 hours per day
- 2 Plate Compactors (8 hp) operating at a 0.43 load factor for 4 hours per day
- 1 Rollers (83 hp) operating at a 0.56 load factor for 4 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 4 hours per day

Phase: Fine Grading 12/3/2012 - 12/28/2012 - SRFA - CIP Concrete Barrier Slab & OCS Foundations

Total Acres Disturbed: 0.3

Maximum Daily Acreage Disturbed: 0.3

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 4 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 4 hours per day

Phase: Mass Grading 11/14/2011 - 12/23/2011 - SAS - Excavation

Total Acres Disturbed: 0.5

Maximum Daily Acreage Disturbed: 0.5

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Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 3 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 2 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 3 hours per day

Phase: Trenching 10/3/2011 - 11/11/2011 - SAS - Utility Relocation

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 10/31/2011 - 11/11/2011 - SRFA - Utility Relocation

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 4 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 4 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 4 hours per day

Phase: Building Construction 11/21/2011 - 2/10/2012 - SAS - CIPH Construction

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 3 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 12/26/2011 - 2/17/2012 - SAS - Abutment Foundation

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 1/2/2012 - 3/16/2012 - SAS - Abutment

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

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Phase: Building Construction 2/6/2012 - 4/27/2012 - SAS - Pile Cap Foundation

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 3/26/2012 - 6/15/2012 - SAS - Columns

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 4/30/2012 - 5/11/2012 - SRFA - Leveling Slab

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 5/21/2012 - 7/13/2012 - SAS - Erect False Work Erection

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 6/18/2012 - 12/28/2012 - SAS - Construct Bridge Girders

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Detail Report for Winter Construction Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Sepulveda Bridge Structure\Sepulveda Aerial Structurewith ground cover.urb924

Project Name: Expo - Sepulveda Bridge Structure

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Winter Pounds Per Day, Unmitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 10/3/2011-10/28/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Active Days: 20								
Trenching 10/03/2011-11/11/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Trenching Off Road Diesel	16.14	7.21	0.00	0.79	0.79	0.00	0.73	0.73
Trenching Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 10/31/2011-11/4/2011	21.91	11.86	0.01	1.11	1.12	0.00	1.02	1.03
Active Days: 5								
Trenching 10/03/2011-11/11/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Trenching Off Road Diesel	16.14	7.21	0.00	0.79	0.79	0.00	0.73	0.73
Trenching Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 10/31/2011-11/11/2011	5.71	3.67	0.00	0.32	0.32	0.00	0.29	0.29
Trenching Off Road Diesel	5.67	2.94	0.00	0.31	0.31	0.00	0.29	0.29
Trenching Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 11/7/2011-11/11/2011	35.18	19.07	3.18	<u>1.70</u>	4.88	0.67	<u>1.56</u>	2.23
Active Days: 5								
Demolition 11/07/2011-12/02/2011	13.27	7.22	3.17	0.58	3.76	0.66	0.54	1.20
Fugitive Dust	0.00	0.00	3.15	0.00	3.15	0.66	0.00	0.66
Demo Off Road Diesel	10.30	5.12	0.00	0.46	0.46	0.00	0.43	0.43
Demo On Road Diesel	2.92	1.12	0.01	0.12	0.13	0.00	0.11	0.11
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 10/03/2011-11/11/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Trenching Off Road Diesel	16.14	7.21	0.00	0.79	0.79	0.00	0.73	0.73
Trenching Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 10/31/2011-11/11/2011	5.71	3.67	0.00	0.32	0.32	0.00	0.29	0.29
Trenching Off Road Diesel	5.67	2.94	0.00	0.31	0.31	0.00	0.29	0.29
Trenching Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 11/14/2011-11/18/2011	25.54	14.70	14.17	1.15	15.32	2.96	1.06	4.02
Active Days: 5								
Demolition 11/07/2011-12/02/2011	13.27	7.22	3.17	0.58	3.76	0.66	0.54	1.20
Fugitive Dust	0.00	0.00	3.15	0.00	3.15	0.66	0.00	0.66
Demo Off Road Diesel	10.30	5.12	0.00	0.46	0.46	0.00	0.43	0.43
Demo On Road Diesel	2.92	1.12	0.01	0.12	0.13	0.00	0.11	0.11
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Demolition 11/14/2011-11/25/2011	7.85	4.75	1.00	0.35	1.35	0.21	0.32	0.53
Fugitive Dust	0.00	0.00	0.99	0.00	0.99	0.21	0.00	0.21
Demo Off Road Diesel	6.88	3.42	0.00	0.31	0.31	0.00	0.29	0.29
Demo On Road Diesel	0.92	0.35	0.00	0.04	0.04	0.00	0.03	0.04
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Mass Grading 11/14/2011-12/23/2011	4.41	2.73	10.00	0.21	10.22	2.09	0.20	2.29
Mass Grading Dust	0.00	0.00	10.00	0.00	10.00	2.09	0.00	2.09
Mass Grading Off Road Diesel	4.37	2.00	0.00	0.21	0.21	0.00	0.20	0.20
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 11/21/2011-11/25/2011	<u>37.91</u>	<u>19.89</u>	<u>14.18</u>	1.69	<u>15.86</u>	<u>2.96</u>	1.55	<u>4.52</u>
Active Days: 5								
Building 11/21/2011-02/10/2012	12.37	5.19	0.00	0.54	0.54	0.00	0.49	0.50
Building Off Road Diesel	12.29	4.74	0.00	0.53	0.53	0.00	0.49	0.49
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Demolition 11/07/2011-12/02/2011	13.27	7.22	3.17	0.58	3.76	0.66	0.54	1.20
Fugitive Dust	0.00	0.00	3.15	0.00	3.15	0.66	0.00	0.66
Demo Off Road Diesel	10.30	5.12	0.00	0.46	0.46	0.00	0.43	0.43
Demo On Road Diesel	2.92	1.12	0.01	0.12	0.13	0.00	0.11	0.11
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Demolition 11/14/2011-11/25/2011	7.85	4.75	1.00	0.35	1.35	0.21	0.32	0.53
Fugitive Dust	0.00	0.00	0.99	0.00	0.99	0.21	0.00	0.21
Demo Off Road Diesel	6.88	3.42	0.00	0.31	0.31	0.00	0.29	0.29
Demo On Road Diesel	0.92	0.35	0.00	0.04	0.04	0.00	0.03	0.04
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Mass Grading 11/14/2011-12/23/2011	4.41	2.73	10.00	0.21	10.22	2.09	0.20	2.29
Mass Grading Dust	0.00	0.00	10.00	0.00	10.00	2.09	0.00	2.09
Mass Grading Off Road Diesel	4.37	2.00	0.00	0.21	0.21	0.00	0.20	0.20
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 11/28/2011-12/2/2011 Active Days: 5	30.06	15.14	13.18	1.34	14.52	2.75	1.23	3.98
Building 11/21/2011-02/10/2012	12.37	5.19	0.00	0.54	0.54	0.00	0.49	0.50
Building Off Road Diesel	12.29	4.74	0.00	0.53	0.53	0.00	0.49	0.49
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Demolition 11/07/2011-12/02/2011	13.27	7.22	3.17	0.58	3.76	0.66	0.54	1.20
Fugitive Dust	0.00	0.00	3.15	0.00	3.15	0.66	0.00	0.66
Demo Off Road Diesel	10.30	5.12	0.00	0.46	0.46	0.00	0.43	0.43
Demo On Road Diesel	2.92	1.12	0.01	0.12	0.13	0.00	0.11	0.11
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Mass Grading 11/14/2011-12/23/2011	4.41	2.73	10.00	0.21	10.22	2.09	0.20	2.29
Mass Grading Dust	0.00	0.00	10.00	0.00	10.00	2.09	0.00	2.09
Mass Grading Off Road Diesel	4.37	2.00	0.00	0.21	0.21	0.00	0.20	0.20
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00
Time Slice 12/5/2011-12/23/2011 Active Days: 15	16.79	7.92	10.01	0.75	10.76	2.09	0.69	2.78
Building 11/21/2011-02/10/2012	12.37	5.19	0.00	0.54	0.54	0.00	0.49	0.50
Building Off Road Diesel	12.29	4.74	0.00	0.53	0.53	0.00	0.49	0.49
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading 11/14/2011-12/23/2011	4.41	2.73	10.00	0.21	10.22	2.09	0.20	2.29
Mass Grading Dust	0.00	0.00	10.00	0.00	10.00	2.09	0.00	2.09
Mass Grading Off Road Diesel	4.37	2.00	0.00	0.21	0.21	0.00	0.20	0.20
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 12/26/2011-12/30/2011 Active Days: 5	26.05	11.12	0.01	1.16	1.16	0.00	1.06	1.07
Building 11/21/2011-02/10/2012	12.37	5.19	0.00	0.54	0.54	0.00	0.49	0.50
Building Off Road Diesel	12.29	4.74	0.00	0.53	0.53	0.00	0.49	0.49
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Building 12/26/2011-02/17/2012	13.68	5.93	0.00	0.62	0.62	0.00	0.57	0.57
Building Off Road Diesel	13.60	5.48	0.00	0.62	0.62	0.00	0.57	0.57
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 1/2/2012-2/3/2012 Active Days: 25	37.44	16.03	0.01	1.58	1.59	0.00	1.45	1.46
Building 01/02/2012-03/16/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 11/21/2011-02/10/2012	11.63	4.87	0.00	0.48	0.48	0.00	0.44	0.44
Building Off Road Diesel	11.55	4.45	0.00	0.47	0.47	0.00	0.44	0.44
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 12/26/2011-02/17/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 2/6/2012-2/10/2012	<u>50.35</u>	<u>21.61</u>	0.01	<u>2.13</u>	2.14	0.00	<u>1.96</u>	1.96
Active Days: 5								
Building 01/02/2012-03/16/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 02/06/2012-04/27/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 11/21/2011-02/10/2012	11.63	4.87	0.00	0.48	0.48	0.00	0.44	0.44
Building Off Road Diesel	11.55	4.45	0.00	0.47	0.47	0.00	0.44	0.44
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 12/26/2011-02/17/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 2/13/2012-2/17/2012 Active Days: 5	38.72	16.73	0.01	1.65	1.66	0.00	1.52	1.52
Building 01/02/2012-03/16/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 02/06/2012-04/27/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 12/26/2011-02/17/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 2/20/2012-3/16/2012 Active Days: 20	25.81	11.16	0.01	1.10	1.11	0.00	1.01	1.02
Building 01/02/2012-03/16/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 02/06/2012-04/27/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 3/19/2012-3/23/2012 Active Days: 5	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building 02/06/2012-04/27/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 3/26/2012-4/27/2012	25.81	11.16	0.01	1.10	1.11	0.00	1.01	1.02
Active Days: 25								
Building 02/06/2012-04/27/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 03/26/2012-06/15/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 4/30/2012-5/11/2012	25.81	11.16	0.01	1.10	1.11	0.00	1.01	1.02
Active Days: 10								
Building 03/26/2012-06/15/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 04/30/2012-05/11/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 5/14/2012-5/18/2012	29.02	15.69	10.02	1.37	11.39	2.09	1.26	3.36
Active Days: 5								
Building 03/26/2012-06/15/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 05/14/2012-08/03/2012	16.12	10.11	10.01	0.82	10.84	2.09	0.76	2.85
Fine Grading Dust	0.00	0.00	10.00	0.00	10.00	2.09	0.00	2.09
Fine Grading Off Road Diesel	15.99	7.84	0.00	0.82	0.82	0.00	0.75	0.75
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.13	2.27	0.01	0.01	0.02	0.01	0.01	0.01
Time Slice 5/21/2012-6/15/2012	41.93	21.26	<u>10.02</u>	1.93	<u>11.95</u>	<u>2.10</u>	1.77	<u>3.87</u>
Active Days: 20								
Building 03/26/2012-06/15/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 05/21/2012-07/13/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 05/14/2012-08/03/2012	16.12	10.11	10.01	0.82	10.84	2.09	0.76	2.85
Fine Grading Dust	0.00	0.00	10.00	0.00	10.00	2.09	0.00	2.09
Fine Grading Off Road Diesel	15.99	7.84	0.00	0.82	0.82	0.00	0.75	0.75
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.13	2.27	0.01	0.01	0.02	0.01	0.01	0.01

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Time Slice 6/18/2012-7/13/2012	41.93	21.26	<u>10.02</u>	1.93	<u>11.95</u>	<u>2.10</u>	1.77	<u>3.87</u>
Active Days: 20								
Building 05/21/2012-07/13/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 06/18/2012-12/28/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 05/14/2012-08/03/2012	16.12	10.11	10.01	0.82	10.84	2.09	0.76	2.85
Fine Grading Dust	0.00	0.00	10.00	0.00	10.00	2.09	0.00	2.09
Fine Grading Off Road Diesel	15.99	7.84	0.00	0.82	0.82	0.00	0.75	0.75
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.13	2.27	0.01	0.01	0.02	0.01	0.01	0.01
Time Slice 7/16/2012-8/3/2012	29.02	15.69	10.02	1.37	11.39	2.09	1.26	3.36
Active Days: 15								
Building 06/18/2012-12/28/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 05/14/2012-08/03/2012	16.12	10.11	10.01	0.82	10.84	2.09	0.76	2.85
Fine Grading Dust	0.00	0.00	10.00	0.00	10.00	2.09	0.00	2.09
Fine Grading Off Road Diesel	15.99	7.84	0.00	0.82	0.82	0.00	0.75	0.75
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.13	2.27	0.01	0.01	0.02	0.01	0.01	0.01

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Time Slice 8/6/2012-11/30/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Active Days: 85								
Building 06/18/2012-12/28/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 12/3/2012-12/28/2012	32.42	14.22	6.01	1.34	7.35	1.26	1.23	2.49
Active Days: 20								
Building 06/18/2012-12/28/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 12/03/2012-12/28/2012	19.52	8.64	6.01	0.79	6.79	1.26	0.72	1.98
Fine Grading Dust	0.00	0.00	6.00	0.00	6.00	1.25	0.00	1.25
Fine Grading Off Road Diesel	19.46	7.73	0.00	0.78	0.78	0.00	0.72	0.72
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00

Phase Assumptions

Phase: Demolition 11/7/2011 - 12/2/2011 - SAS - Demolition & Removal

Building Volume Total (cubic feet): 22500

Building Volume Daily (cubic feet): 7500

On Road Truck Travel (VMT): 104.17

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 3 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 3 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 3 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 3 hours per day

Phase: Demolition 11/14/2011 - 11/25/2011 - SRFA - Demolition and Track Removal

Building Volume Total (cubic feet): 23656.32

Building Volume Daily (cubic feet): 2352

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On Road Truck Travel (VMT): 32.67

Off-Road Equipment:

- 1 Cranes (215 hp) operating at a 0.51 load factor for 2 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 2 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 2 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 2 hours per day

Phase: Fine Grading 5/14/2012 - 8/3/2012 - SRFA - Placing Precast Panels

Total Acres Disturbed: 1

Maximum Daily Acreage Disturbed: 0.5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Cranes (215 hp) operating at a 0.51 load factor for 4 hours per day
- 4 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 4 hours per day
- 1 Graders (174 hp) operating at a 0.61 load factor for 4 hours per day
- 2 Plate Compactors (8 hp) operating at a 0.43 load factor for 4 hours per day
- 1 Rollers (83 hp) operating at a 0.56 load factor for 4 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 4 hours per day

Phase: Fine Grading 12/3/2012 - 12/28/2012 - SRFA - CIP Concrete Barrier Slab & OCS Foundations

Total Acres Disturbed: 0.3

Maximum Daily Acreage Disturbed: 0.3

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 4 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 4 hours per day

Phase: Mass Grading 11/14/2011 - 12/23/2011 - SAS - Excavation

Total Acres Disturbed: 0.5

Maximum Daily Acreage Disturbed: 0.5

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Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 3 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 2 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 3 hours per day

Phase: Trenching 10/3/2011 - 11/11/2011 - SAS - Utility Relocation

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 10/31/2011 - 11/11/2011 - SRFA - Utility Relocation

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 4 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 4 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 4 hours per day

Phase: Building Construction 11/21/2011 - 2/10/2012 - SAS - CIPH Construction

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 3 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 12/26/2011 - 2/17/2012 - SAS - Abutment Foundation

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 1/2/2012 - 3/16/2012 - SAS - Abutment

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

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Phase: Building Construction 2/6/2012 - 4/27/2012 - SAS - Pile Cap Foundation

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 3/26/2012 - 6/15/2012 - SAS - Columns

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 4/30/2012 - 5/11/2012 - SRFA - Leveling Slab

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 5/21/2012 - 7/13/2012 - SAS - Erect False Work Erection

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 6/18/2012 - 12/28/2012 - SAS - Construct Bridge Girders

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Detail Report for Summer Construction Mitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Sepulveda Bridge Structure\Sepulveda Aerial Structurewith ground cover.urb924

Project Name: Expo - Sepulveda Bridge Structure

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Summer Pounds Per Day, Mitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 10/3/2011-10/28/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Active Days: 20								
Trenching 10/03/2011-11/11/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Trenching Off Road Diesel	16.14	7.21	0.00	0.79	0.79	0.00	0.73	0.73
Trenching Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 10/31/2011-11/4/2011	21.91	11.86	0.01	1.11	1.12	0.00	1.02	1.03
Active Days: 5								
Trenching 10/03/2011-11/11/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Trenching Off Road Diesel	16.14	7.21	0.00	0.79	0.79	0.00	0.73	0.73
Trenching Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 10/31/2011-11/11/2011	5.71	3.67	0.00	0.32	0.32	0.00	0.29	0.29
Trenching Off Road Diesel	5.67	2.94	0.00	0.31	0.31	0.00	0.29	0.29
Trenching Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 11/7/2011-11/11/2011	35.18	19.07	3.18	<u>1.70</u>	4.88	0.67	<u>1.56</u>	2.23
Active Days: 5								
Demolition 11/07/2011-12/02/2011	13.27	7.22	3.17	0.58	3.76	0.66	0.54	1.20
Fugitive Dust	0.00	0.00	3.15	0.00	3.15	0.66	0.00	0.66
Demo Off Road Diesel	10.30	5.12	0.00	0.46	0.46	0.00	0.43	0.43
Demo On Road Diesel	2.92	1.12	0.01	0.12	0.13	0.00	0.11	0.11
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 10/03/2011-11/11/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Trenching Off Road Diesel	16.14	7.21	0.00	0.79	0.79	0.00	0.73	0.73
Trenching Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 10/31/2011-11/11/2011	5.71	3.67	0.00	0.32	0.32	0.00	0.29	0.29
Trenching Off Road Diesel	5.67	2.94	0.00	0.31	0.31	0.00	0.29	0.29
Trenching Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 11/14/2011-11/18/2011	25.54	14.70	4.78	1.15	5.94	1.00	1.06	2.06
Active Days: 5								
Demolition 11/07/2011-12/02/2011	13.27	7.22	3.17	0.58	3.76	0.66	0.54	1.20
Fugitive Dust	0.00	0.00	3.15	0.00	3.15	0.66	0.00	0.66
Demo Off Road Diesel	10.30	5.12	0.00	0.46	0.46	0.00	0.43	0.43
Demo On Road Diesel	2.92	1.12	0.01	0.12	0.13	0.00	0.11	0.11
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Demolition 11/14/2011-11/25/2011	7.85	4.75	1.00	0.35	1.35	0.21	0.32	0.53
Fugitive Dust	0.00	0.00	0.99	0.00	0.99	0.21	0.00	0.21
Demo Off Road Diesel	6.88	3.42	0.00	0.31	0.31	0.00	0.29	0.29
Demo On Road Diesel	0.92	0.35	0.00	0.04	0.04	0.00	0.03	0.04
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Mass Grading 11/14/2011-12/23/2011	4.41	2.73	0.62	0.21	0.83	0.13	0.20	0.33
Mass Grading Dust	0.00	0.00	0.61	0.00	0.61	0.13	0.00	0.13
Mass Grading Off Road Diesel	4.37	2.00	0.00	0.21	0.21	0.00	0.20	0.20
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 11/21/2011-11/25/2011	<u>37.91</u>	<u>19.89</u>	<u>4.79</u>	1.69	<u>6.48</u>	<u>1.00</u>	1.55	<u>2.55</u>
Active Days: 5								
Building 11/21/2011-02/10/2012	12.37	5.19	0.00	0.54	0.54	0.00	0.49	0.50
Building Off Road Diesel	12.29	4.74	0.00	0.53	0.53	0.00	0.49	0.49
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Demolition 11/07/2011-12/02/2011	13.27	7.22	3.17	0.58	3.76	0.66	0.54	1.20
Fugitive Dust	0.00	0.00	3.15	0.00	3.15	0.66	0.00	0.66
Demo Off Road Diesel	10.30	5.12	0.00	0.46	0.46	0.00	0.43	0.43
Demo On Road Diesel	2.92	1.12	0.01	0.12	0.13	0.00	0.11	0.11
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Demolition 11/14/2011-11/25/2011	7.85	4.75	1.00	0.35	1.35	0.21	0.32	0.53
Fugitive Dust	0.00	0.00	0.99	0.00	0.99	0.21	0.00	0.21
Demo Off Road Diesel	6.88	3.42	0.00	0.31	0.31	0.00	0.29	0.29
Demo On Road Diesel	0.92	0.35	0.00	0.04	0.04	0.00	0.03	0.04
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Mass Grading 11/14/2011-12/23/2011	4.41	2.73	0.62	0.21	0.83	0.13	0.20	0.33
Mass Grading Dust	0.00	0.00	0.61	0.00	0.61	0.13	0.00	0.13
Mass Grading Off Road Diesel	4.37	2.00	0.00	0.21	0.21	0.00	0.20	0.20
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 11/28/2011-12/2/2011 Active Days: 5	30.06	15.14	3.79	1.34	5.13	0.79	1.23	2.02
Building 11/21/2011-02/10/2012	12.37	5.19	0.00	0.54	0.54	0.00	0.49	0.50
Building Off Road Diesel	12.29	4.74	0.00	0.53	0.53	0.00	0.49	0.49
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Demolition 11/07/2011-12/02/2011	13.27	7.22	3.17	0.58	3.76	0.66	0.54	1.20
Fugitive Dust	0.00	0.00	3.15	0.00	3.15	0.66	0.00	0.66
Demo Off Road Diesel	10.30	5.12	0.00	0.46	0.46	0.00	0.43	0.43
Demo On Road Diesel	2.92	1.12	0.01	0.12	0.13	0.00	0.11	0.11
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Mass Grading 11/14/2011-12/23/2011	4.41	2.73	0.62	0.21	0.83	0.13	0.20	0.33
Mass Grading Dust	0.00	0.00	0.61	0.00	0.61	0.13	0.00	0.13
Mass Grading Off Road Diesel	4.37	2.00	0.00	0.21	0.21	0.00	0.20	0.20
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00
Time Slice 12/5/2011-12/23/2011 Active Days: 15	16.79	7.92	0.62	0.75	1.37	0.13	0.69	0.82
Building 11/21/2011-02/10/2012	12.37	5.19	0.00	0.54	0.54	0.00	0.49	0.50
Building Off Road Diesel	12.29	4.74	0.00	0.53	0.53	0.00	0.49	0.49
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading 11/14/2011-12/23/2011	4.41	2.73	0.62	0.21	0.83	0.13	0.20	0.33
Mass Grading Dust	0.00	0.00	0.61	0.00	0.61	0.13	0.00	0.13
Mass Grading Off Road Diesel	4.37	2.00	0.00	0.21	0.21	0.00	0.20	0.20
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 12/26/2011-12/30/2011	26.05	11.12	0.01	1.16	1.16	0.00	1.06	1.07
Active Days: 5								
Building 11/21/2011-02/10/2012	12.37	5.19	0.00	0.54	0.54	0.00	0.49	0.50
Building Off Road Diesel	12.29	4.74	0.00	0.53	0.53	0.00	0.49	0.49
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Building 12/26/2011-02/17/2012	13.68	5.93	0.00	0.62	0.62	0.00	0.57	0.57
Building Off Road Diesel	13.60	5.48	0.00	0.62	0.62	0.00	0.57	0.57
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 1/2/2012-2/3/2012 Active	37.44	16.03	0.01	1.58	1.59	0.00	1.45	1.46
Days: 25								
Building 01/02/2012-03/16/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 11/21/2011-02/10/2012	11.63	4.87	0.00	0.48	0.48	0.00	0.44	0.44
Building Off Road Diesel	11.55	4.45	0.00	0.47	0.47	0.00	0.44	0.44
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 12/26/2011-02/17/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 2/6/2012-2/10/2012	<u>50.35</u>	<u>21.61</u>	0.01	<u>2.13</u>	2.14	0.00	<u>1.96</u>	<u>1.96</u>
Active Days: 5								
Building 01/02/2012-03/16/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 02/06/2012-04/27/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 11/21/2011-02/10/2012	11.63	4.87	0.00	0.48	0.48	0.00	0.44	0.44
Building Off Road Diesel	11.55	4.45	0.00	0.47	0.47	0.00	0.44	0.44
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 12/26/2011-02/17/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 2/13/2012-2/17/2012 Active Days: 5	38.72	16.73	0.01	1.65	1.66	0.00	1.52	1.52
Building 01/02/2012-03/16/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 02/06/2012-04/27/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 12/26/2011-02/17/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 2/20/2012-3/16/2012 Active Days: 20	25.81	11.16	0.01	1.10	1.11	0.00	1.01	1.02
Building 01/02/2012-03/16/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 02/06/2012-04/27/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 3/19/2012-3/23/2012 Active Days: 5	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building 02/06/2012-04/27/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 3/26/2012-4/27/2012	25.81	11.16	0.01	1.10	1.11	0.00	1.01	1.02
Active Days: 25								
Building 02/06/2012-04/27/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 03/26/2012-06/15/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 4/30/2012-5/11/2012	25.81	11.16	0.01	1.10	1.11	0.00	1.01	1.02
Active Days: 10								
Building 03/26/2012-06/15/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 04/30/2012-05/11/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 5/14/2012-5/18/2012	29.02	15.69	0.63	1.37	2.00	0.13	1.26	1.40
Active Days: 5								
Building 03/26/2012-06/15/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 05/14/2012-08/03/2012	16.12	10.11	0.63	0.82	1.45	0.13	0.76	0.89
Fine Grading Dust	0.00	0.00	0.61	0.00	0.61	0.13	0.00	0.13
Fine Grading Off Road Diesel	15.99	7.84	0.00	0.82	0.82	0.00	0.75	0.75
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.13	2.27	0.01	0.01	0.02	0.01	0.01	0.01
Time Slice 5/21/2012-6/15/2012	41.93	21.26	<u>0.63</u>	1.93	<u>2.56</u>	<u>0.14</u>	1.77	1.91
Active Days: 20								
Building 03/26/2012-06/15/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 05/21/2012-07/13/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 05/14/2012-08/03/2012	16.12	10.11	0.63	0.82	1.45	0.13	0.76	0.89
Fine Grading Dust	0.00	0.00	0.61	0.00	0.61	0.13	0.00	0.13
Fine Grading Off Road Diesel	15.99	7.84	0.00	0.82	0.82	0.00	0.75	0.75
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.13	2.27	0.01	0.01	0.02	0.01	0.01	0.01

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Time Slice 6/18/2012-7/13/2012 Active Days: 20	41.93	21.26	<u>0.63</u>	1.93	<u>2.56</u>	<u>0.14</u>	1.77	1.91
Building 05/21/2012-07/13/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 06/18/2012-12/28/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 05/14/2012-08/03/2012	16.12	10.11	0.63	0.82	1.45	0.13	0.76	0.89
Fine Grading Dust	0.00	0.00	0.61	0.00	0.61	0.13	0.00	0.13
Fine Grading Off Road Diesel	15.99	7.84	0.00	0.82	0.82	0.00	0.75	0.75
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.13	2.27	0.01	0.01	0.02	0.01	0.01	0.01
Time Slice 7/16/2012-8/3/2012 Active Days: 15	29.02	15.69	0.63	1.37	2.00	0.13	1.26	1.40
Building 06/18/2012-12/28/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 05/14/2012-08/03/2012	16.12	10.11	0.63	0.82	1.45	0.13	0.76	0.89
Fine Grading Dust	0.00	0.00	0.61	0.00	0.61	0.13	0.00	0.13
Fine Grading Off Road Diesel	15.99	7.84	0.00	0.82	0.82	0.00	0.75	0.75
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.13	2.27	0.01	0.01	0.02	0.01	0.01	0.01

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Time Slice 8/6/2012-11/30/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Active Days: 85								
Building 06/18/2012-12/28/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 12/3/2012-12/28/2012	32.42	14.22	0.38	1.34	1.71	0.08	1.23	1.31
Active Days: 20								
Building 06/18/2012-12/28/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 12/03/2012-12/28/2012	19.52	8.64	0.37	0.79	1.16	0.08	0.72	0.80
Fine Grading Dust	0.00	0.00	0.37	0.00	0.37	0.08	0.00	0.08
Fine Grading Off Road Diesel	19.46	7.73	0.00	0.78	0.78	0.00	0.72	0.72
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Fine Grading 5/14/2012 - 8/3/2012 - SRFA - Placing Precast Panels

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

The following mitigation measures apply to Phase: Fine Grading 12/3/2012 - 12/28/2012 - SRFA - CIP Concrete Barrier Slab & OCS Foundations

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

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PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

The following mitigation measures apply to Phase: Mass Grading 11/14/2011 - 12/23/2011 - SAS - Excavation

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

Phase Assumptions

Phase: Demolition 11/7/2011 - 12/2/2011 - SAS - Demolition & Removal

Building Volume Total (cubic feet): 22500

Building Volume Daily (cubic feet): 7500

On Road Truck Travel (VMT): 104.17

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 3 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 3 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 3 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 3 hours per day

Phase: Demolition 11/14/2011 - 11/25/2011 - SRFA - Demolition and Track Removal

Building Volume Total (cubic feet): 23656.32

Building Volume Daily (cubic feet): 2352

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On Road Truck Travel (VMT): 32.67

Off-Road Equipment:

- 1 Cranes (215 hp) operating at a 0.51 load factor for 2 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 2 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 2 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 2 hours per day

Phase: Fine Grading 5/14/2012 - 8/3/2012 - SRFA - Placing Precast Panels

Total Acres Disturbed: 1

Maximum Daily Acreage Disturbed: 0.5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Cranes (215 hp) operating at a 0.51 load factor for 4 hours per day
- 4 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 4 hours per day
- 1 Graders (174 hp) operating at a 0.61 load factor for 4 hours per day
- 2 Plate Compactors (8 hp) operating at a 0.43 load factor for 4 hours per day
- 1 Rollers (83 hp) operating at a 0.56 load factor for 4 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 4 hours per day

Phase: Fine Grading 12/3/2012 - 12/28/2012 - SRFA - CIP Concrete Barrier Slab & OCS Foundations

Total Acres Disturbed: 0.3

Maximum Daily Acreage Disturbed: 0.3

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 4 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 4 hours per day

Phase: Mass Grading 11/14/2011 - 12/23/2011 - SAS - Excavation

Total Acres Disturbed: 0.5

Maximum Daily Acreage Disturbed: 0.5

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Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 3 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 2 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 3 hours per day

Phase: Trenching 10/3/2011 - 11/11/2011 - SAS - Utility Relocation

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 10/31/2011 - 11/11/2011 - SRFA - Utility Relocation

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 4 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 4 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 4 hours per day

Phase: Building Construction 11/21/2011 - 2/10/2012 - SAS - CIPH Construction

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 3 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 12/26/2011 - 2/17/2012 - SAS - Abutment Foundation

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 1/2/2012 - 3/16/2012 - SAS - Abutment

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

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Phase: Building Construction 2/6/2012 - 4/27/2012 - SAS - Pile Cap Foundation

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 3/26/2012 - 6/15/2012 - SAS - Columns

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 4/30/2012 - 5/11/2012 - SRFA - Leveling Slab

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 5/21/2012 - 7/13/2012 - SAS - Erect False Work Erection

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 6/18/2012 - 12/28/2012 - SAS - Construct Bridge Girders

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Detail Report for Winter Construction Mitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Sepulveda Bridge Structure\Sepulveda Aerial Structurewith ground cover.urb924

Project Name: Expo - Sepulveda Bridge Structure

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Winter Pounds Per Day, Mitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 10/3/2011-10/28/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Active Days: 20								
Trenching 10/03/2011-11/11/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Trenching Off Road Diesel	16.14	7.21	0.00	0.79	0.79	0.00	0.73	0.73
Trenching Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 10/31/2011-11/4/2011	21.91	11.86	0.01	1.11	1.12	0.00	1.02	1.03
Active Days: 5								
Trenching 10/03/2011-11/11/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Trenching Off Road Diesel	16.14	7.21	0.00	0.79	0.79	0.00	0.73	0.73
Trenching Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 10/31/2011-11/11/2011	5.71	3.67	0.00	0.32	0.32	0.00	0.29	0.29
Trenching Off Road Diesel	5.67	2.94	0.00	0.31	0.31	0.00	0.29	0.29
Trenching Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 11/7/2011-11/11/2011	35.18	19.07	3.18	<u>1.70</u>	4.88	0.67	<u>1.56</u>	2.23
Active Days: 5								
Demolition 11/07/2011-12/02/2011	13.27	7.22	3.17	0.58	3.76	0.66	0.54	1.20
Fugitive Dust	0.00	0.00	3.15	0.00	3.15	0.66	0.00	0.66
Demo Off Road Diesel	10.30	5.12	0.00	0.46	0.46	0.00	0.43	0.43
Demo On Road Diesel	2.92	1.12	0.01	0.12	0.13	0.00	0.11	0.11
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 10/03/2011-11/11/2011	16.20	8.19	0.01	0.80	0.80	0.00	0.73	0.74
Trenching Off Road Diesel	16.14	7.21	0.00	0.79	0.79	0.00	0.73	0.73
Trenching Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Trenching 10/31/2011-11/11/2011	5.71	3.67	0.00	0.32	0.32	0.00	0.29	0.29
Trenching Off Road Diesel	5.67	2.94	0.00	0.31	0.31	0.00	0.29	0.29
Trenching Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 11/14/2011-11/18/2011	25.54	14.70	4.78	1.15	5.94	1.00	1.06	2.06
Active Days: 5								
Demolition 11/07/2011-12/02/2011	13.27	7.22	3.17	0.58	3.76	0.66	0.54	1.20
Fugitive Dust	0.00	0.00	3.15	0.00	3.15	0.66	0.00	0.66
Demo Off Road Diesel	10.30	5.12	0.00	0.46	0.46	0.00	0.43	0.43
Demo On Road Diesel	2.92	1.12	0.01	0.12	0.13	0.00	0.11	0.11
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Demolition 11/14/2011-11/25/2011	7.85	4.75	1.00	0.35	1.35	0.21	0.32	0.53
Fugitive Dust	0.00	0.00	0.99	0.00	0.99	0.21	0.00	0.21
Demo Off Road Diesel	6.88	3.42	0.00	0.31	0.31	0.00	0.29	0.29
Demo On Road Diesel	0.92	0.35	0.00	0.04	0.04	0.00	0.03	0.04
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Mass Grading 11/14/2011-12/23/2011	4.41	2.73	0.62	0.21	0.83	0.13	0.20	0.33
Mass Grading Dust	0.00	0.00	0.61	0.00	0.61	0.13	0.00	0.13
Mass Grading Off Road Diesel	4.37	2.00	0.00	0.21	0.21	0.00	0.20	0.20
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 11/21/2011-11/25/2011	<u>37.91</u>	<u>19.89</u>	<u>4.79</u>	1.69	<u>6.48</u>	<u>1.00</u>	1.55	<u>2.55</u>
Active Days: 5								
Building 11/21/2011-02/10/2012	12.37	5.19	0.00	0.54	0.54	0.00	0.49	0.50
Building Off Road Diesel	12.29	4.74	0.00	0.53	0.53	0.00	0.49	0.49
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Demolition 11/07/2011-12/02/2011	13.27	7.22	3.17	0.58	3.76	0.66	0.54	1.20
Fugitive Dust	0.00	0.00	3.15	0.00	3.15	0.66	0.00	0.66
Demo Off Road Diesel	10.30	5.12	0.00	0.46	0.46	0.00	0.43	0.43
Demo On Road Diesel	2.92	1.12	0.01	0.12	0.13	0.00	0.11	0.11
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Demolition 11/14/2011-11/25/2011	7.85	4.75	1.00	0.35	1.35	0.21	0.32	0.53
Fugitive Dust	0.00	0.00	0.99	0.00	0.99	0.21	0.00	0.21
Demo Off Road Diesel	6.88	3.42	0.00	0.31	0.31	0.00	0.29	0.29
Demo On Road Diesel	0.92	0.35	0.00	0.04	0.04	0.00	0.03	0.04
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Mass Grading 11/14/2011-12/23/2011	4.41	2.73	0.62	0.21	0.83	0.13	0.20	0.33
Mass Grading Dust	0.00	0.00	0.61	0.00	0.61	0.13	0.00	0.13
Mass Grading Off Road Diesel	4.37	2.00	0.00	0.21	0.21	0.00	0.20	0.20
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 11/28/2011-12/2/2011	30.06	15.14	3.79	1.34	5.13	0.79	1.23	2.02
Active Days: 5								
Building 11/21/2011-02/10/2012	12.37	5.19	0.00	0.54	0.54	0.00	0.49	0.50
Building Off Road Diesel	12.29	4.74	0.00	0.53	0.53	0.00	0.49	0.49
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Demolition 11/07/2011-12/02/2011	13.27	7.22	3.17	0.58	3.76	0.66	0.54	1.20
Fugitive Dust	0.00	0.00	3.15	0.00	3.15	0.66	0.00	0.66
Demo Off Road Diesel	10.30	5.12	0.00	0.46	0.46	0.00	0.43	0.43
Demo On Road Diesel	2.92	1.12	0.01	0.12	0.13	0.00	0.11	0.11
Demo Worker Trips	0.06	0.98	0.01	0.00	0.01	0.00	0.00	0.00
Mass Grading 11/14/2011-12/23/2011	4.41	2.73	0.62	0.21	0.83	0.13	0.20	0.33
Mass Grading Dust	0.00	0.00	0.61	0.00	0.61	0.13	0.00	0.13
Mass Grading Off Road Diesel	4.37	2.00	0.00	0.21	0.21	0.00	0.20	0.20
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00
Time Slice 12/5/2011-12/23/2011	16.79	7.92	0.62	0.75	1.37	0.13	0.69	0.82
Active Days: 15								
Building 11/21/2011-02/10/2012	12.37	5.19	0.00	0.54	0.54	0.00	0.49	0.50
Building Off Road Diesel	12.29	4.74	0.00	0.53	0.53	0.00	0.49	0.49
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading 11/14/2011-12/23/2011	4.41	2.73	0.62	0.21	0.83	0.13	0.20	0.33
Mass Grading Dust	0.00	0.00	0.61	0.00	0.61	0.13	0.00	0.13
Mass Grading Off Road Diesel	4.37	2.00	0.00	0.21	0.21	0.00	0.20	0.20
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.04	0.73	0.00	0.00	0.01	0.00	0.00	0.00

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Time Slice 12/26/2011-12/30/2011 Active Days: 5	26.05	11.12	0.01	1.16	1.16	0.00	1.06	1.07
Building 11/21/2011-02/10/2012	12.37	5.19	0.00	0.54	0.54	0.00	0.49	0.50
Building Off Road Diesel	12.29	4.74	0.00	0.53	0.53	0.00	0.49	0.49
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Building 12/26/2011-02/17/2012	13.68	5.93	0.00	0.62	0.62	0.00	0.57	0.57
Building Off Road Diesel	13.60	5.48	0.00	0.62	0.62	0.00	0.57	0.57
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 1/2/2012-2/3/2012 Active Days: 25	37.44	16.03	0.01	1.58	1.59	0.00	1.45	1.46
Building 01/02/2012-03/16/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 11/21/2011-02/10/2012	11.63	4.87	0.00	0.48	0.48	0.00	0.44	0.44
Building Off Road Diesel	11.55	4.45	0.00	0.47	0.47	0.00	0.44	0.44
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 12/26/2011-02/17/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 2/6/2012-2/10/2012	<u>50.35</u>	<u>21.61</u>	0.01	<u>2.13</u>	2.14	0.00	<u>1.96</u>	<u>1.96</u>
Active Days: 5								
Building 01/02/2012-03/16/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 02/06/2012-04/27/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 11/21/2011-02/10/2012	11.63	4.87	0.00	0.48	0.48	0.00	0.44	0.44
Building Off Road Diesel	11.55	4.45	0.00	0.47	0.47	0.00	0.44	0.44
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 12/26/2011-02/17/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 2/13/2012-2/17/2012 Active Days: 5	38.72	16.73	0.01	1.65	1.66	0.00	1.52	1.52
Building 01/02/2012-03/16/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 02/06/2012-04/27/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 12/26/2011-02/17/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 2/20/2012-3/16/2012 Active Days: 20	25.81	11.16	0.01	1.10	1.11	0.00	1.01	1.02
Building 01/02/2012-03/16/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 02/06/2012-04/27/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 3/19/2012-3/23/2012 Active Days: 5	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building 02/06/2012-04/27/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 3/26/2012-4/27/2012	25.81	11.16	0.01	1.10	1.11	0.00	1.01	1.02
Active Days: 25								
Building 02/06/2012-04/27/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 03/26/2012-06/15/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 4/30/2012-5/11/2012	25.81	11.16	0.01	1.10	1.11	0.00	1.01	1.02
Active Days: 10								
Building 03/26/2012-06/15/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 04/30/2012-05/11/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00

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Time Slice 5/14/2012-5/18/2012	29.02	15.69	0.63	1.37	2.00	0.13	1.26	1.40
Active Days: 5								
Building 03/26/2012-06/15/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 05/14/2012-08/03/2012	16.12	10.11	0.63	0.82	1.45	0.13	0.76	0.89
Fine Grading Dust	0.00	0.00	0.61	0.00	0.61	0.13	0.00	0.13
Fine Grading Off Road Diesel	15.99	7.84	0.00	0.82	0.82	0.00	0.75	0.75
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.13	2.27	0.01	0.01	0.02	0.01	0.01	0.01
Time Slice 5/21/2012-6/15/2012	41.93	21.26	<u>0.63</u>	1.93	<u>2.56</u>	<u>0.14</u>	1.77	1.91
Active Days: 20								
Building 03/26/2012-06/15/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 05/21/2012-07/13/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 05/14/2012-08/03/2012	16.12	10.11	0.63	0.82	1.45	0.13	0.76	0.89
Fine Grading Dust	0.00	0.00	0.61	0.00	0.61	0.13	0.00	0.13
Fine Grading Off Road Diesel	15.99	7.84	0.00	0.82	0.82	0.00	0.75	0.75
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.13	2.27	0.01	0.01	0.02	0.01	0.01	0.01

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Time Slice 6/18/2012-7/13/2012 Active Days: 20	41.93	21.26	<u>0.63</u>	1.93	<u>2.56</u>	<u>0.14</u>	1.77	1.91
Building 05/21/2012-07/13/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Building 06/18/2012-12/28/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 05/14/2012-08/03/2012	16.12	10.11	0.63	0.82	1.45	0.13	0.76	0.89
Fine Grading Dust	0.00	0.00	0.61	0.00	0.61	0.13	0.00	0.13
Fine Grading Off Road Diesel	15.99	7.84	0.00	0.82	0.82	0.00	0.75	0.75
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.13	2.27	0.01	0.01	0.02	0.01	0.01	0.01
Time Slice 7/16/2012-8/3/2012 Active Days: 15	29.02	15.69	0.63	1.37	2.00	0.13	1.26	1.40
Building 06/18/2012-12/28/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 05/14/2012-08/03/2012	16.12	10.11	0.63	0.82	1.45	0.13	0.76	0.89
Fine Grading Dust	0.00	0.00	0.61	0.00	0.61	0.13	0.00	0.13
Fine Grading Off Road Diesel	15.99	7.84	0.00	0.82	0.82	0.00	0.75	0.75
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.13	2.27	0.01	0.01	0.02	0.01	0.01	0.01

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Time Slice 8/6/2012-11/30/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Active Days: 85								
Building 06/18/2012-12/28/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Time Slice 12/3/2012-12/28/2012	32.42	14.22	0.38	1.34	1.71	0.08	1.23	1.31
Active Days: 20								
Building 06/18/2012-12/28/2012	12.91	5.58	0.00	0.55	0.55	0.00	0.51	0.51
Building Off Road Diesel	12.83	5.16	0.00	0.55	0.55	0.00	0.50	0.50
Building Vendor Trips	0.06	0.05	0.00	0.00	0.00	0.00	0.00	0.00
Building Worker Trips	0.02	0.37	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading 12/03/2012-12/28/2012	19.52	8.64	0.37	0.79	1.16	0.08	0.72	0.80
Fine Grading Dust	0.00	0.00	0.37	0.00	0.37	0.08	0.00	0.08
Fine Grading Off Road Diesel	19.46	7.73	0.00	0.78	0.78	0.00	0.72	0.72
Fine Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Fine Grading Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Fine Grading 5/14/2012 - 8/3/2012 - SRFA - Placing Precast Panels

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

The following mitigation measures apply to Phase: Fine Grading 12/3/2012 - 12/28/2012 - SRFA - CIP Concrete Barrier Slab & OCS Foundations

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

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PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

The following mitigation measures apply to Phase: Mass Grading 11/14/2011 - 12/23/2011 - SAS - Excavation

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

Phase Assumptions

Phase: Demolition 11/7/2011 - 12/2/2011 - SAS - Demolition & Removal

Building Volume Total (cubic feet): 22500

Building Volume Daily (cubic feet): 7500

On Road Truck Travel (VMT): 104.17

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 3 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 3 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 3 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 3 hours per day

Phase: Demolition 11/14/2011 - 11/25/2011 - SRFA - Demolition and Track Removal

Building Volume Total (cubic feet): 23656.32

Building Volume Daily (cubic feet): 2352

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On Road Truck Travel (VMT): 32.67

Off-Road Equipment:

- 1 Cranes (215 hp) operating at a 0.51 load factor for 2 hours per day
- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 2 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 2 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 2 hours per day

Phase: Fine Grading 5/14/2012 - 8/3/2012 - SRFA - Placing Precast Panels

Total Acres Disturbed: 1

Maximum Daily Acreage Disturbed: 0.5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Cranes (215 hp) operating at a 0.51 load factor for 4 hours per day
- 4 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 4 hours per day
- 1 Graders (174 hp) operating at a 0.61 load factor for 4 hours per day
- 2 Plate Compactors (8 hp) operating at a 0.43 load factor for 4 hours per day
- 1 Rollers (83 hp) operating at a 0.56 load factor for 4 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 4 hours per day

Phase: Fine Grading 12/3/2012 - 12/28/2012 - SRFA - CIP Concrete Barrier Slab & OCS Foundations

Total Acres Disturbed: 0.3

Maximum Daily Acreage Disturbed: 0.3

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Bore/Drill Rigs (291 hp) operating at a 0.75 load factor for 4 hours per day
- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 4 hours per day

Phase: Mass Grading 11/14/2011 - 12/23/2011 - SAS - Excavation

Total Acres Disturbed: 0.5

Maximum Daily Acreage Disturbed: 0.5

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Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 3 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 2 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 3 hours per day

Phase: Trenching 10/3/2011 - 11/11/2011 - SAS - Utility Relocation

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Trenching 10/31/2011 - 11/11/2011 - SRFA - Utility Relocation

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 4 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 4 hours per day
- 1 Trenchers (135 hp) operating at a 0.64 load factor for 4 hours per day

Phase: Building Construction 11/21/2011 - 2/10/2012 - SAS - CIPH Construction

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 3 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 12/26/2011 - 2/17/2012 - SAS - Abutment Foundation

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 1/2/2012 - 3/16/2012 - SAS - Abutment

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

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Phase: Building Construction 2/6/2012 - 4/27/2012 - SAS - Pile Cap Foundation

Off-Road Equipment:

1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 3/26/2012 - 6/15/2012 - SAS - Columns

Off-Road Equipment:

1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 4/30/2012 - 5/11/2012 - SRFA - Leveling Slab

Off-Road Equipment:

1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 5/21/2012 - 7/13/2012 - SAS - Erect False Work Erection

Off-Road Equipment:

1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Phase: Building Construction 6/18/2012 - 12/28/2012 - SAS - Construct Bridge Girders

Off-Road Equipment:

1 Cement and Mortar Mixers (405 hp) operating at a 0.51 load factor for 4 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 3 hours per day

Reductions for Demolition Fugitive Dust:

Sepulveda Bridge Structure

Demolition Time Period	Fugitive Dust (URBEMIS)	Reduced Fugitive Dust	Exhaust	PM10 Total	Fugitive Dust (URBEMIS)	Reduced Fugitive Dust	Exhaust	PM2.5 Total
Summer								
11/7/2011 - 12/02/2011	3.15	1.2285	0.61	1.8385	0.66	0.2574	0.54	0.80
11/14/2011 - 11/18/2011	3.15	1.2285	0.61	1.8385	0.66	0.2574	0.54	0.80
11/14/2011 - 11/18/2011	0.99	0.3861	0.36	0.7461	0.21	0.0819	0.32	0.40
11/21/2011 - 11/25/2011	3.15	1.2285	0.61	1.8385	0.66	0.2574	0.54	0.80
11/21/2011 - 11/25/2011	0.99	0.3861	0.36	0.7461	0.21	0.0819	0.32	0.40
11/28/2011 - 12/2/2011	3.15	1.2285	0.61	1.8385	0.66	0.2574	0.54	0.80
Winter								
11/7/2011 - 12/02/2011	3.15	1.2285	0.61	1.8385	0.66	0.2574	0.54	0.80
11/14/2011 - 11/18/2011	3.15	1.2285	0.61	1.8385	0.66	0.2574	0.54	0.80
11/14/2011 - 11/18/2011	0.99	0.3861	0.36	0.7461	0.21	0.0819	0.32	0.40
11/21/2011 - 11/25/2011	3.15	1.2285	0.61	1.8385	0.66	0.2574	0.54	0.80
11/21/2011 - 11/25/2011	0.99	0.3861	0.36	0.7461	0.21	0.0819	0.32	0.40
11/28/2011 - 12/2/2011	3.15	1.2285	0.61	1.8385	0.66	0.2574	0.54	0.80

Sepulveda Parking Area

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Urbemis 2007 Version 9.2.4

Detail Report for Summer Construction Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Sepulveda parking\Sepulveda Parking.urb924

Project Name: LA Expo Sepulveda Parking - 08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Summer Pounds Per Day, Unmitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 12/31/2012-12/31/2012	<u>28.84</u>	<u>15.11</u>	<u>3.50</u>	<u>1.27</u>	<u>4.76</u>	<u>0.73</u>	<u>1.16</u>	<u>1.89</u>
Active Days: 1								
Demolition 12/31/2012-01/11/2013	28.84	15.11	3.50	1.27	4.76	0.73	1.16	1.89
Fugitive Dust	0.00	0.00	3.47	0.00	3.47	0.72	0.00	0.72
Demo Off Road Diesel	25.92	13.09	0.00	1.15	1.15	0.00	1.06	1.06
Demo On Road Diesel	2.87	1.11	0.02	0.11	0.13	0.01	0.10	0.11
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 1/1/2013-1/11/2013	27.07	14.37	3.50	1.15	4.64	0.73	1.05	1.78
Active Days: 9								
Demolition 12/31/2012-01/11/2013	27.07	14.37	3.50	1.15	4.64	0.73	1.05	1.78
Fugitive Dust	0.00	0.00	3.47	0.00	3.47	0.72	0.00	0.72
Demo Off Road Diesel	24.49	12.54	0.00	1.04	1.04	0.00	0.96	0.96
Demo On Road Diesel	2.53	0.98	0.02	0.10	0.11	0.01	0.09	0.10
Demo Worker Trips	0.05	0.84	0.01	0.00	0.01	0.00	0.00	0.00

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Time Slice 1/14/2013-2/22/2013 Active Days: 30	24.13	12.39	<u>30.01</u>	1.09	<u>31.10</u>	<u>6.27</u>	1.00	<u>7.27</u>
Mass Grading 01/14/2013-02/22/2013	24.13	12.39	30.01	1.09	31.10	6.27	1.00	7.27
Mass Grading Dust	0.00	0.00	30.00	0.00	30.00	6.27	0.00	6.27
Mass Grading Off Road Diesel	24.06	11.12	0.00	1.08	1.08	0.00	1.00	1.00
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.07	1.27	0.01	0.01	0.01	0.00	0.00	0.01
Time Slice 2/25/2013-4/19/2013 Active Days: 40	77.47	271.79	1.95	3.52	5.47	0.70	3.15	3.85
Building 02/25/2013-04/19/2013	77.47	271.79	1.95	3.52	5.47	0.70	3.15	3.85
Building Off Road Diesel	25.08	9.61	0.00	1.00	1.00	0.00	0.92	0.92
Building Vendor Trips	39.41	30.56	0.34	1.58	1.92	0.11	1.45	1.57
Building Worker Trips	12.99	231.62	1.61	0.94	2.55	0.58	0.78	1.37
Time Slice 4/22/2013-10/4/2013 Active Days: 120	77.96	271.94	1.95	<u>3.54</u>	5.49	0.70	<u>3.17</u>	3.86
Building 04/22/2013-10/04/2013	77.96	271.94	1.95	3.54	5.49	0.70	3.17	3.86
Building Off Road Diesel	25.57	9.75	0.00	1.01	1.01	0.00	0.93	0.93
Building Vendor Trips	39.41	30.56	0.34	1.58	1.92	0.11	1.45	1.57
Building Worker Trips	12.99	231.62	1.61	0.94	2.55	0.58	0.78	1.37
Time Slice 10/7/2013-11/1/2013 Active Days: 20	34.91	17.61	0.02	1.89	1.91	0.01	1.74	1.75
Asphalt 10/07/2013-11/01/2013	34.91	17.61	0.02	1.89	1.91	0.01	1.74	1.75
Paving Off-Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	33.26	15.73	0.00	1.83	1.83	0.00	1.68	1.68
Paving On Road Diesel	1.58	0.61	0.01	0.06	0.07	0.00	0.06	0.06
Paving Worker Trips	0.07	1.27	0.01	0.01	0.01	0.00	0.00	0.01

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Time Slice 11/4/2013-12/27/2013	<u>78.25</u>	<u>272.47</u>	1.95	3.50	5.45	0.70	3.13	3.83
Active Days: 40								
Building 11/04/2013-12/27/2013	78.25	272.47	1.95	3.50	5.45	0.70	3.13	3.83
Building Off Road Diesel	25.86	10.28	0.00	0.97	0.97	0.00	0.90	0.90
Building Vendor Trips	39.41	30.56	0.34	1.58	1.92	0.11	1.45	1.57
Building Worker Trips	12.99	231.62	1.61	0.94	2.55	0.58	0.78	1.37

Phase Assumptions

Phase: Demolition 12/31/2012 - 1/11/2013 - SP - Demolition

Building Volume Total (cubic feet): 32812.5

Building Volume Daily (cubic feet): 8272

On Road Truck Travel (VMT): 114.89

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Mass Grading 1/14/2013 - 2/22/2013 - SP - Excavation & Site Utilities Description

Total Acres Disturbed: 1.5

Maximum Daily Acreage Disturbed: 1.5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Rollers (83 hp) operating at a 0.56 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Paving 10/7/2013 - 11/1/2013 - SP - Curb & Gutter, Paving & Stripping

Acres to be Paved: 4

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Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 6 hours per day
- 1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Pavers (100 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Paving Equipment (104 hp) operating at a 0.53 load factor for 8 hours per day

Phase: Building Construction 2/25/2013 - 4/19/2013 - SP - Construct Foundation

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.56 load factor for 6 hours per day
- 1 Cranes (215 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 6 hours per day

Phase: Building Construction 4/22/2013 - 10/4/2013 - SP - Construct Walls & Columns & Slabs

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.56 load factor for 6 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 6 hours per day

Phase: Building Construction 11/4/2013 - 12/27/2013 - SP - Fencing, Electrical & Landscaping

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Detail Report for Winter Construction Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Sepulveda parking\Sepulveda Parking.urb924

Project Name: LA Expo Sepulveda Parking - 08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Winter Pounds Per Day, Unmitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 12/31/2012-12/31/2012	<u>28.84</u>	<u>15.11</u>	<u>3.50</u>	<u>1.27</u>	<u>4.76</u>	<u>0.73</u>	<u>1.16</u>	<u>1.89</u>
Active Days: 1								
Demolition 12/31/2012-01/11/2013	28.84	15.11	3.50	1.27	4.76	0.73	1.16	1.89
Fugitive Dust	0.00	0.00	3.47	0.00	3.47	0.72	0.00	0.72
Demo Off Road Diesel	25.92	13.09	0.00	1.15	1.15	0.00	1.06	1.06
Demo On Road Diesel	2.87	1.11	0.02	0.11	0.13	0.01	0.10	0.11
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 1/1/2013-1/11/2013	27.07	14.37	3.50	1.15	4.64	0.73	1.05	1.78
Active Days: 9								
Demolition 12/31/2012-01/11/2013	27.07	14.37	3.50	1.15	4.64	0.73	1.05	1.78
Fugitive Dust	0.00	0.00	3.47	0.00	3.47	0.72	0.00	0.72
Demo Off Road Diesel	24.49	12.54	0.00	1.04	1.04	0.00	0.96	0.96
Demo On Road Diesel	2.53	0.98	0.02	0.10	0.11	0.01	0.09	0.10
Demo Worker Trips	0.05	0.84	0.01	0.00	0.01	0.00	0.00	0.00

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Time Slice 1/14/2013-2/22/2013 Active Days: 30	24.13	12.39	<u>30.01</u>	1.09	<u>31.10</u>	<u>6.27</u>	1.00	<u>7.27</u>
Mass Grading 01/14/2013-02/22/2013	24.13	12.39	30.01	1.09	31.10	6.27	1.00	7.27
Mass Grading Dust	0.00	0.00	30.00	0.00	30.00	6.27	0.00	6.27
Mass Grading Off Road Diesel	24.06	11.12	0.00	1.08	1.08	0.00	1.00	1.00
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.07	1.27	0.01	0.01	0.01	0.00	0.00	0.01
Time Slice 2/25/2013-4/19/2013 Active Days: 40	77.47	271.79	1.95	3.52	5.47	0.70	3.15	3.85
Building 02/25/2013-04/19/2013	77.47	271.79	1.95	3.52	5.47	0.70	3.15	3.85
Building Off Road Diesel	25.08	9.61	0.00	1.00	1.00	0.00	0.92	0.92
Building Vendor Trips	39.41	30.56	0.34	1.58	1.92	0.11	1.45	1.57
Building Worker Trips	12.99	231.62	1.61	0.94	2.55	0.58	0.78	1.37
Time Slice 4/22/2013-10/4/2013 Active Days: 120	77.96	271.94	1.95	<u>3.54</u>	5.49	0.70	<u>3.17</u>	3.86
Building 04/22/2013-10/04/2013	77.96	271.94	1.95	3.54	5.49	0.70	3.17	3.86
Building Off Road Diesel	25.57	9.75	0.00	1.01	1.01	0.00	0.93	0.93
Building Vendor Trips	39.41	30.56	0.34	1.58	1.92	0.11	1.45	1.57
Building Worker Trips	12.99	231.62	1.61	0.94	2.55	0.58	0.78	1.37
Time Slice 10/7/2013-11/1/2013 Active Days: 20	34.91	17.61	0.02	1.89	1.91	0.01	1.74	1.75
Asphalt 10/07/2013-11/01/2013	34.91	17.61	0.02	1.89	1.91	0.01	1.74	1.75
Paving Off-Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	33.26	15.73	0.00	1.83	1.83	0.00	1.68	1.68
Paving On Road Diesel	1.58	0.61	0.01	0.06	0.07	0.00	0.06	0.06
Paving Worker Trips	0.07	1.27	0.01	0.01	0.01	0.00	0.00	0.01

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Time Slice 11/4/2013-12/27/2013	<u>78.25</u>	<u>272.47</u>	1.95	3.50	5.45	0.70	3.13	3.83
Active Days: 40								
Building 11/04/2013-12/27/2013	78.25	272.47	1.95	3.50	5.45	0.70	3.13	3.83
Building Off Road Diesel	25.86	10.28	0.00	0.97	0.97	0.00	0.90	0.90
Building Vendor Trips	39.41	30.56	0.34	1.58	1.92	0.11	1.45	1.57
Building Worker Trips	12.99	231.62	1.61	0.94	2.55	0.58	0.78	1.37

Phase Assumptions

Phase: Demolition 12/31/2012 - 1/11/2013 - SP - Demolition

Building Volume Total (cubic feet): 32812.5

Building Volume Daily (cubic feet): 8272

On Road Truck Travel (VMT): 114.89

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Mass Grading 1/14/2013 - 2/22/2013 - SP - Excavation & Site Utilities Description

Total Acres Disturbed: 1.5

Maximum Daily Acreage Disturbed: 1.5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Rollers (83 hp) operating at a 0.56 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Paving 10/7/2013 - 11/1/2013 - SP - Curb & Gutter, Paving & Stripping

Acres to be Paved: 4

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Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 6 hours per day
- 1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Pavers (100 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Paving Equipment (104 hp) operating at a 0.53 load factor for 8 hours per day

Phase: Building Construction 2/25/2013 - 4/19/2013 - SP - Construct Foundation

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.56 load factor for 6 hours per day
- 1 Cranes (215 hp) operating at a 0.43 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 6 hours per day

Phase: Building Construction 4/22/2013 - 10/4/2013 - SP - Construct Walls & Columns & Slabs

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.56 load factor for 6 hours per day
- 1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 6 hours per day

Phase: Building Construction 11/4/2013 - 12/27/2013 - SP - Fencing, Electrical & Landscaping

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

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Urbemis 2007 Version 9.2.4

Detail Report for Summer Construction Mitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Sepulveda parking\Sepulveda Parking.urb924

Project Name: LA Expo Sepulveda Parking - 08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Summer Pounds Per Day, Mitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 12/31/2012-12/31/2012	<u>28.84</u>	<u>15.11</u>	<u>3.50</u>	<u>1.27</u>	<u>4.76</u>	<u>0.73</u>	<u>1.16</u>	<u>1.89</u>
Active Days: 1								
Demolition 12/31/2012-01/11/2013	28.84	15.11	3.50	1.27	4.76	0.73	1.16	1.89
Fugitive Dust	0.00	0.00	3.47	0.00	3.47	0.72	0.00	0.72
Demo Off Road Diesel	25.92	13.09	0.00	1.15	1.15	0.00	1.06	1.06
Demo On Road Diesel	2.87	1.11	0.02	0.11	0.13	0.01	0.10	0.11
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 1/1/2013-1/11/2013	27.07	14.37	<u>3.50</u>	1.15	4.64	<u>0.73</u>	1.05	1.78
Active Days: 9								
Demolition 12/31/2012-01/11/2013	27.07	14.37	3.50	1.15	4.64	0.73	1.05	1.78
Fugitive Dust	0.00	0.00	3.47	0.00	3.47	0.72	0.00	0.72
Demo Off Road Diesel	24.49	12.54	0.00	1.04	1.04	0.00	0.96	0.96
Demo On Road Diesel	2.53	0.98	0.02	0.10	0.11	0.01	0.09	0.10
Demo Worker Trips	0.05	0.84	0.01	0.00	0.01	0.00	0.00	0.00

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Time Slice 1/14/2013-2/22/2013 Active Days: 30	24.13	12.39	1.84	1.09	2.93	0.39	1.00	1.39
Mass Grading 01/14/2013-02/22/2013	24.13	12.39	1.84	1.09	2.93	0.39	1.00	1.39
Mass Grading Dust	0.00	0.00	1.83	0.00	1.83	0.38	0.00	0.38
Mass Grading Off Road Diesel	24.06	11.12	0.00	1.08	1.08	0.00	1.00	1.00
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.07	1.27	0.01	0.01	0.01	0.00	0.00	0.01
Time Slice 2/25/2013-4/19/2013 Active Days: 40	77.47	271.79	1.95	3.52	5.47	0.70	3.15	3.85
Building 02/25/2013-04/19/2013	77.47	271.79	1.95	3.52	5.47	0.70	3.15	3.85
Building Off Road Diesel	25.08	9.61	0.00	1.00	1.00	0.00	0.92	0.92
Building Vendor Trips	39.41	30.56	0.34	1.58	1.92	0.11	1.45	1.57
Building Worker Trips	12.99	231.62	1.61	0.94	2.55	0.58	0.78	1.37
Time Slice 4/22/2013-10/4/2013 Active Days: 120	77.96	271.94	1.95	<u>3.54</u>	<u>5.49</u>	0.70	<u>3.17</u>	<u>3.86</u>
Building 04/22/2013-10/04/2013	77.96	271.94	1.95	3.54	5.49	0.70	3.17	3.86
Building Off Road Diesel	25.57	9.75	0.00	1.01	1.01	0.00	0.93	0.93
Building Vendor Trips	39.41	30.56	0.34	1.58	1.92	0.11	1.45	1.57
Building Worker Trips	12.99	231.62	1.61	0.94	2.55	0.58	0.78	1.37
Time Slice 10/7/2013-11/1/2013 Active Days: 20	34.91	17.61	0.02	1.89	1.91	0.01	1.74	1.75
Asphalt 10/07/2013-11/01/2013	34.91	17.61	0.02	1.89	1.91	0.01	1.74	1.75
Paving Off-Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	33.26	15.73	0.00	1.83	1.83	0.00	1.68	1.68
Paving On Road Diesel	1.58	0.61	0.01	0.06	0.07	0.00	0.06	0.06
Paving Worker Trips	0.07	1.27	0.01	0.01	0.01	0.00	0.00	0.01

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Time Slice 11/4/2013-12/27/2013	<u>78.25</u>	<u>272.47</u>	1.95	3.50	5.45	0.70	3.13	3.83
Active Days: 40								
Building 11/04/2013-12/27/2013	78.25	272.47	1.95	3.50	5.45	0.70	3.13	3.83
Building Off Road Diesel	25.86	10.28	0.00	0.97	0.97	0.00	0.90	0.90
Building Vendor Trips	39.41	30.56	0.34	1.58	1.92	0.11	1.45	1.57
Building Worker Trips	12.99	231.62	1.61	0.94	2.55	0.58	0.78	1.37

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Mass Grading 1/14/2013 - 2/22/2013 - SP - Excavation & Site Utilities Description

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

Phase Assumptions

Phase: Demolition 12/31/2012 - 1/11/2013 - SP - Demolition

Building Volume Total (cubic feet): 32812.5

Building Volume Daily (cubic feet): 8272

On Road Truck Travel (VMT): 114.89

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Mass Grading 1/14/2013 - 2/22/2013 - SP - Excavation & Site Utilities Description

Total Acres Disturbed: 1.5

Maximum Daily Acreage Disturbed: 1.5

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Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day

1 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day

1 Rollers (83 hp) operating at a 0.56 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Paving 10/7/2013 - 11/1/2013 - SP - Curb & Gutter, Paving & Stripping

Acres to be Paved: 4

Off-Road Equipment:

1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 6 hours per day

1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 6 hours per day

1 Pavers (100 hp) operating at a 0.62 load factor for 8 hours per day

1 Paving Equipment (104 hp) operating at a 0.53 load factor for 8 hours per day

Phase: Building Construction 2/25/2013 - 4/19/2013 - SP - Construct Foundation

Off-Road Equipment:

1 Cement and Mortar Mixers (405 hp) operating at a 0.56 load factor for 6 hours per day

1 Cranes (215 hp) operating at a 0.43 load factor for 6 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 6 hours per day

Phase: Building Construction 4/22/2013 - 10/4/2013 - SP - Construct Walls & Columns & Slabs

Off-Road Equipment:

1 Cement and Mortar Mixers (405 hp) operating at a 0.56 load factor for 6 hours per day

1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 6 hours per day

Phase: Building Construction 11/4/2013 - 12/27/2013 - SP - Fencing, Electrical & Landscaping

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

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2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 6 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

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Urbemis 2007 Version 9.2.4

Detail Report for Winter Construction Mitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Sepulveda parking\Sepulveda Parking.urb924

Project Name: LA Expo Sepulveda Parking - 08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Winter Pounds Per Day, Mitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 12/31/2012-12/31/2012	<u>28.84</u>	<u>15.11</u>	<u>3.50</u>	<u>1.27</u>	<u>4.76</u>	<u>0.73</u>	<u>1.16</u>	<u>1.89</u>
Active Days: 1								
Demolition 12/31/2012-01/11/2013	28.84	15.11	3.50	1.27	4.76	0.73	1.16	1.89
Fugitive Dust	0.00	0.00	3.47	0.00	3.47	0.72	0.00	0.72
Demo Off Road Diesel	25.92	13.09	0.00	1.15	1.15	0.00	1.06	1.06
Demo On Road Diesel	2.87	1.11	0.02	0.11	0.13	0.01	0.10	0.11
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 1/1/2013-1/11/2013	27.07	14.37	<u>3.50</u>	1.15	4.64	<u>0.73</u>	1.05	1.78
Active Days: 9								
Demolition 12/31/2012-01/11/2013	27.07	14.37	3.50	1.15	4.64	0.73	1.05	1.78
Fugitive Dust	0.00	0.00	3.47	0.00	3.47	0.72	0.00	0.72
Demo Off Road Diesel	24.49	12.54	0.00	1.04	1.04	0.00	0.96	0.96
Demo On Road Diesel	2.53	0.98	0.02	0.10	0.11	0.01	0.09	0.10
Demo Worker Trips	0.05	0.84	0.01	0.00	0.01	0.00	0.00	0.00

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Time Slice 1/14/2013-2/22/2013 Active Days: 30	24.13	12.39	1.84	1.09	2.93	0.39	1.00	1.39
Mass Grading 01/14/2013-02/22/2013	24.13	12.39	1.84	1.09	2.93	0.39	1.00	1.39
Mass Grading Dust	0.00	0.00	1.83	0.00	1.83	0.38	0.00	0.38
Mass Grading Off Road Diesel	24.06	11.12	0.00	1.08	1.08	0.00	1.00	1.00
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.07	1.27	0.01	0.01	0.01	0.00	0.00	0.01
Time Slice 2/25/2013-4/19/2013 Active Days: 40	77.47	271.79	1.95	3.52	5.47	0.70	3.15	3.85
Building 02/25/2013-04/19/2013	77.47	271.79	1.95	3.52	5.47	0.70	3.15	3.85
Building Off Road Diesel	25.08	9.61	0.00	1.00	1.00	0.00	0.92	0.92
Building Vendor Trips	39.41	30.56	0.34	1.58	1.92	0.11	1.45	1.57
Building Worker Trips	12.99	231.62	1.61	0.94	2.55	0.58	0.78	1.37
Time Slice 4/22/2013-10/4/2013 Active Days: 120	77.96	271.94	1.95	<u>3.54</u>	<u>5.49</u>	0.70	<u>3.17</u>	<u>3.86</u>
Building 04/22/2013-10/04/2013	77.96	271.94	1.95	3.54	5.49	0.70	3.17	3.86
Building Off Road Diesel	25.57	9.75	0.00	1.01	1.01	0.00	0.93	0.93
Building Vendor Trips	39.41	30.56	0.34	1.58	1.92	0.11	1.45	1.57
Building Worker Trips	12.99	231.62	1.61	0.94	2.55	0.58	0.78	1.37
Time Slice 10/7/2013-11/1/2013 Active Days: 20	34.91	17.61	0.02	1.89	1.91	0.01	1.74	1.75
Asphalt 10/07/2013-11/01/2013	34.91	17.61	0.02	1.89	1.91	0.01	1.74	1.75
Paving Off-Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	33.26	15.73	0.00	1.83	1.83	0.00	1.68	1.68
Paving On Road Diesel	1.58	0.61	0.01	0.06	0.07	0.00	0.06	0.06
Paving Worker Trips	0.07	1.27	0.01	0.01	0.01	0.00	0.00	0.01

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Time Slice 11/4/2013-12/27/2013	<u>78.25</u>	<u>272.47</u>	1.95	3.50	5.45	0.70	3.13	3.83
Active Days: 40								
Building 11/04/2013-12/27/2013	78.25	272.47	1.95	3.50	5.45	0.70	3.13	3.83
Building Off Road Diesel	25.86	10.28	0.00	0.97	0.97	0.00	0.90	0.90
Building Vendor Trips	39.41	30.56	0.34	1.58	1.92	0.11	1.45	1.57
Building Worker Trips	12.99	231.62	1.61	0.94	2.55	0.58	0.78	1.37

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Mass Grading 1/14/2013 - 2/22/2013 - SP - Excavation & Site Utilities Description

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:

PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:

PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:

PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:

PM10: 61% PM25: 61%

Phase Assumptions

Phase: Demolition 12/31/2012 - 1/11/2013 - SP - Demolition

Building Volume Total (cubic feet): 32812.5

Building Volume Daily (cubic feet): 8272

On Road Truck Travel (VMT): 114.89

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 8 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Mass Grading 1/14/2013 - 2/22/2013 - SP - Excavation & Site Utilities Description

Total Acres Disturbed: 1.5

Maximum Daily Acreage Disturbed: 1.5

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Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day

1 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day

1 Rollers (83 hp) operating at a 0.56 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Paving 10/7/2013 - 11/1/2013 - SP - Curb & Gutter, Paving & Stripping

Acres to be Paved: 4

Off-Road Equipment:

1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 6 hours per day

1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 6 hours per day

1 Pavers (100 hp) operating at a 0.62 load factor for 8 hours per day

1 Paving Equipment (104 hp) operating at a 0.53 load factor for 8 hours per day

Phase: Building Construction 2/25/2013 - 4/19/2013 - SP - Construct Foundation

Off-Road Equipment:

1 Cement and Mortar Mixers (405 hp) operating at a 0.56 load factor for 6 hours per day

1 Cranes (215 hp) operating at a 0.43 load factor for 6 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 6 hours per day

Phase: Building Construction 4/22/2013 - 10/4/2013 - SP - Construct Walls & Columns & Slabs

Off-Road Equipment:

1 Cement and Mortar Mixers (405 hp) operating at a 0.56 load factor for 6 hours per day

1 Cranes (215 hp) operating at a 0.51 load factor for 6 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 6 hours per day

Phase: Building Construction 11/4/2013 - 12/27/2013 - SP - Fencing, Electrical & Landscaping

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

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- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 6 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Reductions for Demolition Fugitive Dust:

Sepulveda Parking

Demolition Time Period	Fugitive Dust (URBEMIS)	Reduced Fugitive Dust	Exhaust	PM10 Total	Fugitive Dust (URBEMIS)	Reduced Fugitive Dust	Exhaust	PM2.5 Total
Summer								
12/31/2012 - 12/31/2012	3.47	1.3533	1.29	2.6433	0.72	0.2808	1.17	1.45
1/1/2013 - 1/11/2013	3.47	1.3533	1.17	2.5233	0.72	0.2808	1.06	1.34
Winter								
12/31/2012 - 12/31/2012	3.47	1.3533	1.29	2.6433	0.72	0.2808	1.17	1.45
1/1/2013 - 1/11/2013	3.47	1.3533	3.17	4.5233	0.72	0.2808	1.06	1.34

Westwood Parking Area

Urbemis 2007 Version 9.2.4

Detail Report for Summer Construction Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Westwood\L.A. Expo Westwood Surface Parking Facilities.urb924

Project Name: L.A. Expo Westwood Surface Parking Facilities

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Summer Pounds Per Day, Unmitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 11/5/2012-11/9/2012	14.12	7.73	0.01	0.67	0.67	0.00	0.61	0.61
Active Days: 5								
Demolition 11/05/2012-11/09/2012	14.12	7.73	0.01	0.67	0.67	0.00	0.61	0.61
Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demo Off Road Diesel	14.07	6.83	0.00	0.66	0.66	0.00	0.61	0.61
Demo On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 11/12/2012-12/7/2012	25.66	12.82	<u>100.01</u>	1.18	<u>101.19</u>	<u>20.89</u>	1.08	<u>21.97</u>
Active Days: 20								
Mass Grading 11/12/2012-12/07/2012	25.66	12.82	100.01	1.18	101.19	20.89	1.08	21.97
Mass Grading Dust	0.00	0.00	100.00	0.00	100.00	20.88	0.00	20.88
Mass Grading Off Road Diesel	25.58	11.45	0.00	1.17	1.17	0.00	1.08	1.08
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.08	1.36	0.01	0.01	0.01	0.00	0.00	0.01

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Time Slice 12/10/2012-12/21/2012	40.67	18.21	0.03	<u>1.96</u>	2.00	0.01	<u>1.81</u>	1.82
Active Days: 10								
Asphalt 12/10/2012-12/21/2012	40.67	18.21	0.03	1.96	2.00	0.01	1.81	1.82
Paving Off-Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	36.13	15.35	0.00	1.78	1.78	0.00	1.64	1.64
Paving On Road Diesel	4.48	1.73	0.03	0.18	0.20	0.01	0.16	0.17
Paving Worker Trips	0.06	1.13	0.01	0.00	0.01	0.00	0.00	0.01
Time Slice 12/24/2012-12/31/2012	<u>42.02</u>	<u>26.89</u>	0.12	1.66	1.78	0.04	1.52	1.56
Active Days: 6								
Building 12/24/2012-01/18/2013	42.02	26.89	0.12	1.66	1.78	0.04	1.52	1.56
Building Off Road Diesel	32.95	12.16	0.00	1.28	1.28	0.00	1.17	1.17
Building Vendor Trips	8.60	6.43	0.07	0.35	0.42	0.02	0.32	0.34
Building Worker Trips	0.47	8.30	0.05	0.03	0.08	0.02	0.03	0.05
Time Slice 1/1/2013-1/18/2013	<u>38.63</u>	<u>25.36</u>	<u>0.12</u>	<u>1.46</u>	<u>1.58</u>	<u>0.04</u>	<u>1.34</u>	<u>1.38</u>
Active Days: 14								
Building 12/24/2012-01/18/2013	38.63	25.36	0.12	1.46	1.58	0.04	1.34	1.38
Building Off Road Diesel	30.60	11.75	0.00	1.12	1.12	0.00	1.03	1.03
Building Vendor Trips	7.60	5.90	0.07	0.31	0.37	0.02	0.28	0.30
Building Worker Trips	0.43	7.72	0.05	0.03	0.09	0.02	0.03	0.05

Phase Assumptions

Phase: Demolition 11/5/2012 - 11/9/2012 - Demolition

Building Volume Total (cubic feet): 0

Building Volume Daily (cubic feet): 0

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Mass Grading 11/12/2012 - 12/7/2012 - Excavation & Site Utilities

8/12/2009 10:41:04 AM

Total Acres Disturbed: 5

Maximum Daily Acreage Disturbed: 5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day

1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day

1 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Paving 12/10/2012 - 12/21/2012 - Curb, Gutters, Paving & Stripping

Acres to be Paved: 5

Off-Road Equipment:

1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 6 hours per day

1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

1 Pavers (100 hp) operating at a 0.62 load factor for 7 hours per day

Phase: Building Construction 12/24/2012 - 1/18/2013 - Default Trenching Description

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Urbemis 2007 Version 9.2.4

Detail Report for Winter Construction Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Westwood\L.A. Expo Westwood Surface Parking Facilities.urb924

Project Name: L.A. Expo Westwood Surface Parking Facilities

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Winter Pounds Per Day, Unmitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 11/5/2012-11/9/2012	14.12	7.73	0.01	0.67	0.67	0.00	0.61	0.61
Active Days: 5								
Demolition 11/05/2012-11/09/2012	14.12	7.73	0.01	0.67	0.67	0.00	0.61	0.61
Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demo Off Road Diesel	14.07	6.83	0.00	0.66	0.66	0.00	0.61	0.61
Demo On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 11/12/2012-12/7/2012	25.66	12.82	<u>100.01</u>	1.18	<u>101.19</u>	<u>20.89</u>	1.08	<u>21.97</u>
Active Days: 20								
Mass Grading 11/12/2012-12/07/2012	25.66	12.82	100.01	1.18	101.19	20.89	1.08	21.97
Mass Grading Dust	0.00	0.00	100.00	0.00	100.00	20.88	0.00	20.88
Mass Grading Off Road Diesel	25.58	11.45	0.00	1.17	1.17	0.00	1.08	1.08
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.08	1.36	0.01	0.01	0.01	0.00	0.00	0.01

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Time Slice 12/10/2012-12/21/2012	40.67	18.21	0.03	<u>1.96</u>	2.00	0.01	<u>1.81</u>	1.82
Active Days: 10								
Asphalt 12/10/2012-12/21/2012	40.67	18.21	0.03	1.96	2.00	0.01	1.81	1.82
Paving Off-Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	36.13	15.35	0.00	1.78	1.78	0.00	1.64	1.64
Paving On Road Diesel	4.48	1.73	0.03	0.18	0.20	0.01	0.16	0.17
Paving Worker Trips	0.06	1.13	0.01	0.00	0.01	0.00	0.00	0.01
Time Slice 12/24/2012-12/31/2012	<u>42.02</u>	<u>26.89</u>	0.12	1.66	1.78	0.04	1.52	1.56
Active Days: 6								
Building 12/24/2012-01/18/2013	42.02	26.89	0.12	1.66	1.78	0.04	1.52	1.56
Building Off Road Diesel	32.95	12.16	0.00	1.28	1.28	0.00	1.17	1.17
Building Vendor Trips	8.60	6.43	0.07	0.35	0.42	0.02	0.32	0.34
Building Worker Trips	0.47	8.30	0.05	0.03	0.08	0.02	0.03	0.05
Time Slice 1/1/2013-1/18/2013	<u>38.63</u>	<u>25.36</u>	<u>0.12</u>	<u>1.46</u>	<u>1.58</u>	<u>0.04</u>	<u>1.34</u>	<u>1.38</u>
Active Days: 14								
Building 12/24/2012-01/18/2013	38.63	25.36	0.12	1.46	1.58	0.04	1.34	1.38
Building Off Road Diesel	30.60	11.75	0.00	1.12	1.12	0.00	1.03	1.03
Building Vendor Trips	7.60	5.90	0.07	0.31	0.37	0.02	0.28	0.30
Building Worker Trips	0.43	7.72	0.05	0.03	0.09	0.02	0.03	0.05

Phase Assumptions

Phase: Demolition 11/5/2012 - 11/9/2012 - Demolition

Building Volume Total (cubic feet): 0

Building Volume Daily (cubic feet): 0

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Mass Grading 11/12/2012 - 12/7/2012 - Excavation & Site Utilities

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Total Acres Disturbed: 5

Maximum Daily Acreage Disturbed: 5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day

1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day

1 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Paving 12/10/2012 - 12/21/2012 - Curb, Gutters, Paving & Stripping

Acres to be Paved: 5

Off-Road Equipment:

1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 6 hours per day

1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

1 Pavers (100 hp) operating at a 0.62 load factor for 7 hours per day

Phase: Building Construction 12/24/2012 - 1/18/2013 - Default Trenching Description

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Urbemis 2007 Version 9.2.4

Detail Report for Summer Construction Mitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Westwood\L.A. Expo Westwood Surface Parking Facilities.urb924

Project Name: L.A. Expo Westwood Surface Parking Facilities

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Summer Pounds Per Day, Mitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 11/5/2012-11/9/2012	14.12	7.73	0.01	0.67	0.67	0.00	0.61	0.61
Active Days: 5								
Demolition 11/05/2012-11/09/2012	14.12	7.73	0.01	0.67	0.67	0.00	0.61	0.61
Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demo Off Road Diesel	14.07	6.83	0.00	0.66	0.66	0.00	0.61	0.61
Demo On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 11/12/2012-12/7/2012	25.66	12.82	<u>6.12</u>	1.18	<u>7.30</u>	<u>1.28</u>	1.08	<u>2.36</u>
Active Days: 20								
Mass Grading 11/12/2012-12/07/2012	25.66	12.82	6.12	1.18	7.30	1.28	1.08	2.36
Mass Grading Dust	0.00	0.00	6.11	0.00	6.11	1.28	0.00	1.28
Mass Grading Off Road Diesel	25.58	11.45	0.00	1.17	1.17	0.00	1.08	1.08
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.08	1.36	0.01	0.01	0.01	0.00	0.00	0.01

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Time Slice 12/10/2012-12/21/2012	40.67	18.21	0.03	<u>1.96</u>	2.00	0.01	<u>1.81</u>	1.82
Active Days: 10								
Asphalt 12/10/2012-12/21/2012	40.67	18.21	0.03	1.96	2.00	0.01	1.81	1.82
Paving Off-Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	36.13	15.35	0.00	1.78	1.78	0.00	1.64	1.64
Paving On Road Diesel	4.48	1.73	0.03	0.18	0.20	0.01	0.16	0.17
Paving Worker Trips	0.06	1.13	0.01	0.00	0.01	0.00	0.00	0.01
Time Slice 12/24/2012-12/31/2012	<u>42.02</u>	<u>26.89</u>	0.12	1.66	1.78	0.04	1.52	1.56
Active Days: 6								
Building 12/24/2012-01/18/2013	42.02	26.89	0.12	1.66	1.78	0.04	1.52	1.56
Building Off Road Diesel	32.95	12.16	0.00	1.28	1.28	0.00	1.17	1.17
Building Vendor Trips	8.60	6.43	0.07	0.35	0.42	0.02	0.32	0.34
Building Worker Trips	0.47	8.30	0.05	0.03	0.08	0.02	0.03	0.05
Time Slice 1/1/2013-1/18/2013	<u>38.63</u>	<u>25.36</u>	<u>0.12</u>	<u>1.46</u>	<u>1.58</u>	<u>0.04</u>	<u>1.34</u>	<u>1.38</u>
Active Days: 14								
Building 12/24/2012-01/18/2013	38.63	25.36	0.12	1.46	1.58	0.04	1.34	1.38
Building Off Road Diesel	30.60	11.75	0.00	1.12	1.12	0.00	1.03	1.03
Building Vendor Trips	7.60	5.90	0.07	0.31	0.37	0.02	0.28	0.30
Building Worker Trips	0.43	7.72	0.05	0.03	0.09	0.02	0.03	0.05

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Mass Grading 11/12/2012 - 12/7/2012 - Excavation & Site Utilities

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:
PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:
PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:
PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:
PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:
PM10: 61% PM25: 61%

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Phase Assumptions

Phase: Demolition 11/5/2012 - 11/9/2012 - Demolition

Building Volume Total (cubic feet): 0

Building Volume Daily (cubic feet): 0

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day

1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Mass Grading 11/12/2012 - 12/7/2012 - Excavation & Site Utilities

Total Acres Disturbed: 5

Maximum Daily Acreage Disturbed: 5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day

1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day

1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day

1 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day

1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Paving 12/10/2012 - 12/21/2012 - Curb, Gutters, Paving & Stripping

Acres to be Paved: 5

Off-Road Equipment:

1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 6 hours per day

1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day

2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day

1 Pavers (100 hp) operating at a 0.62 load factor for 7 hours per day

Phase: Building Construction 12/24/2012 - 1/18/2013 - Default Trenching Description

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Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Urbemis 2007 Version 9.2.4

Detail Report for Winter Construction Mitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Westwood\L.A. Expo Westwood Surface Parking Facilities.urb924

Project Name: L.A. Expo Westwood Surface Parking Facilities

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

CONSTRUCTION EMISSION ESTIMATES (Winter Pounds Per Day, Mitigated)

	<u>NOx</u>	<u>CO</u>	<u>PM10 Dust</u>	<u>PM10 Exhaust</u>	<u>PM10 Total</u>	<u>PM2.5 Dust</u>	<u>PM2.5 Exhaust</u>	<u>PM2.5 Total</u>
Time Slice 11/5/2012-11/9/2012	14.12	7.73	0.01	0.67	0.67	0.00	0.61	0.61
Active Days: 5								
Demolition 11/05/2012-11/09/2012	14.12	7.73	0.01	0.67	0.67	0.00	0.61	0.61
Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demo Off Road Diesel	14.07	6.83	0.00	0.66	0.66	0.00	0.61	0.61
Demo On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Demo Worker Trips	0.05	0.91	0.01	0.00	0.01	0.00	0.00	0.00
Time Slice 11/12/2012-12/7/2012	25.66	12.82	<u>6.12</u>	1.18	<u>7.30</u>	<u>1.28</u>	1.08	<u>2.36</u>
Active Days: 20								
Mass Grading 11/12/2012-12/07/2012	25.66	12.82	6.12	1.18	7.30	1.28	1.08	2.36
Mass Grading Dust	0.00	0.00	6.11	0.00	6.11	1.28	0.00	1.28
Mass Grading Off Road Diesel	25.58	11.45	0.00	1.17	1.17	0.00	1.08	1.08
Mass Grading On Road Diesel	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mass Grading Worker Trips	0.08	1.36	0.01	0.01	0.01	0.00	0.00	0.01

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Time Slice 12/10/2012-12/21/2012	40.67	18.21	0.03	<u>1.96</u>	2.00	0.01	<u>1.81</u>	1.82
Active Days: 10								
Asphalt 12/10/2012-12/21/2012	40.67	18.21	0.03	1.96	2.00	0.01	1.81	1.82
Paving Off-Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Paving Off Road Diesel	36.13	15.35	0.00	1.78	1.78	0.00	1.64	1.64
Paving On Road Diesel	4.48	1.73	0.03	0.18	0.20	0.01	0.16	0.17
Paving Worker Trips	0.06	1.13	0.01	0.00	0.01	0.00	0.00	0.01
Time Slice 12/24/2012-12/31/2012	<u>42.02</u>	<u>26.89</u>	0.12	1.66	1.78	0.04	1.52	1.56
Active Days: 6								
Building 12/24/2012-01/18/2013	42.02	26.89	0.12	1.66	1.78	0.04	1.52	1.56
Building Off Road Diesel	32.95	12.16	0.00	1.28	1.28	0.00	1.17	1.17
Building Vendor Trips	8.60	6.43	0.07	0.35	0.42	0.02	0.32	0.34
Building Worker Trips	0.47	8.30	0.05	0.03	0.08	0.02	0.03	0.05
Time Slice 1/1/2013-1/18/2013	<u>38.63</u>	<u>25.36</u>	<u>0.12</u>	<u>1.46</u>	<u>1.58</u>	<u>0.04</u>	<u>1.34</u>	<u>1.38</u>
Active Days: 14								
Building 12/24/2012-01/18/2013	38.63	25.36	0.12	1.46	1.58	0.04	1.34	1.38
Building Off Road Diesel	30.60	11.75	0.00	1.12	1.12	0.00	1.03	1.03
Building Vendor Trips	7.60	5.90	0.07	0.31	0.37	0.02	0.28	0.30
Building Worker Trips	0.43	7.72	0.05	0.03	0.09	0.02	0.03	0.05

Construction Related Mitigation Measures

The following mitigation measures apply to Phase: Mass Grading 11/12/2012 - 12/7/2012 - Excavation & Site Utilities

For Soil Stabilizing Measures, the Apply soil stabilizers to inactive areas mitigation reduces emissions by:
PM10: 84% PM25: 84%

For Soil Stabilizing Measures, the Water exposed surfaces 3x daily watering mitigation reduces emissions by:
PM10: 61% PM25: 61%

For Soil Stabilizing Measures, the Equipment loading/unloading mitigation reduces emissions by:
PM10: 69% PM25: 69%

For Unpaved Roads Measures, the Reduce speed on unpaved roads to less than 15 mph mitigation reduces emissions by:
PM10: 44% PM25: 44%

For Unpaved Roads Measures, the Manage haul road dust 3x daily watering mitigation reduces emissions by:
PM10: 61% PM25: 61%

8/12/2009 10:43:03 AM

Phase Assumptions

Phase: Demolition 11/5/2012 - 11/9/2012 - Demolition

Building Volume Total (cubic feet): 0

Building Volume Daily (cubic feet): 0

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Rubber Tired Dozers (357 hp) operating at a 0.59 load factor for 1 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Mass Grading 11/12/2012 - 12/7/2012 - Excavation & Site Utilities

Total Acres Disturbed: 5

Maximum Daily Acreage Disturbed: 5

Fugitive Dust Level of Detail: Default

20 lbs per acre-day

On Road Truck Travel (VMT): 0

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 1 Excavators (168 hp) operating at a 0.57 load factor for 8 hours per day
- 1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day
- 1 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Plate Compactors (8 hp) operating at a 0.43 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Phase: Paving 12/10/2012 - 12/21/2012 - Curb, Gutters, Paving & Stripping

Acres to be Paved: 5

Off-Road Equipment:

- 1 Cement and Mortar Mixers (405 hp) operating at a 0.57 load factor for 6 hours per day
- 1 Other Equipment (83 hp) operating at a 0.56 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Pavers (100 hp) operating at a 0.62 load factor for 7 hours per day

Phase: Building Construction 12/24/2012 - 1/18/2013 - Default Trenching Description

8/12/2009 10:43:03 AM

Off-Road Equipment:

- 1 Dumpers/Tenders (180 hp) operating at a 0.62 load factor for 8 hours per day
- 2 Other General Industrial Equipment (475 hp) operating at a 0.51 load factor for 8 hours per day
- 1 Rubber Tired Loaders (164 hp) operating at a 0.54 load factor for 8 hours per day
- 1 Water Trucks (189 hp) operating at a 0.5 load factor for 8 hours per day

Reductions for Demolition Fugitive Dust:

Westwood Surface Parking

Demolition Time Period	Fugitive Dust (URBEMIS)	Reduced Fugitive Dust	Exhaust	PM10 Total	Fugitive Dust (URBEMIS)	Reduced Fugitive Dust	Exhaust	PM2.5 Total
Summer								
11/12/2012-12/7/2012	100.00	39	1.19	40.19	20.88	8.1432	1.09	9.23
Winter								
11/12/2012-12/7/2012	100.00	39	1.19	40.19	20.88	8.1432	1.09	9.23

Appendix A2

Construction LST – SCAQMD Look-UP Tables

**Table C-1. 2005 – 2007 Thresholds for Construction and Operation with
Gradual Conversion of NO_x to NO₂**

SRA No.	Source Receptor Area	Allowable emissions (lbs/day) as a function of receptor distance (meters) from site boundary									
		1 Acre					2 Acre				
		25	50	100	200	500	25	50	100	200	500
1	Central LA	62	61	69	88	140	90	89	92	105	149
2	Northwest Coastal LA County	114	116	134	174	273	164	159	173	206	292
3	Southwest Coastal LA County	91	93	107	139	218	131	128	139	165	233
4	South Coastal LA County	46	47	55	72	113	66	64	70	85	121
5	Southeast LA County	80	81	94	123	192	114	111	121	145	205
6	West San Fernando Valley	103	104	121	157	245	147	143	156	187	263
7	East San Fernando Valley	91	93	107	139	218	131	127	138	165	233
8	West San Gabriel Valley	69	69	81	104	164	98	95	104	124	175
9	East San Gabriel Valley	89	112	159	251	489	128	151	200	284	513
10	Pomona/Walnut Valley	118	148	211	334	652	170	200	263	377	684
11	South San Gabriel Valley	83	84	96	123	193	121	118	126	147	206
12	South Central LA County	46	46	54	70	109	65	64	69	82	117
13	Santa Clarita Valley	106	107	124	161	254	152	148	160	190	271
15	San Gabriel Mountains	106	107	124	161	254	152	148	160	190	271
16	North Orange County	103	104	121	159	252	147	143	156	186	269
17	Central Orange County	81	83	98	123	192	115	114	125	148	205
18	North Coastal Orange County	92	93	108	140	219	131	128	139	165	235
19	Saddleback Valley	91	93	108	140	218	131	127	139	165	233
20	Central Orange County Coastal	92	93	108	140	219	131	128	139	165	235
21	Capistrano Valley	91	93	108	140	218	131	127	139	165	233
22	Norco/Corona	147	185	264	418	814	213	250	329	472	855
23	Metropolitan Riverside County	147	185	265	419	815	213	250	330	474	855
24	Perris Valley	147	185	265	419	815	213	250	330	474	855
25	Lake Elsinore	162	203	292	460	896	234	275	363	521	941
26	Temecula Valley	162	203	292	460	896	234	275	363	521	941
27	Anza Area	162	203	292	460	896	234	275	363	521	941
28	Hemet/San Jacinto Valley	162	203	292	460	896	234	275	363	521	941
29	Banning Airport	103	131	189	299	585	149	176	234	340	614
30	Coachella Valley	118	148	211	334	651	170	200	263	377	684
31	East Riverside County	118	148	211	334	651	170	200	263	377	684
32	Northwest San Bernardino Valley	118	148	211	334	652	170	200	263	378	684
33	Southwest San Bernardino Valley	118	148	211	334	652	170	200	263	378	684
34	Central San Bernardino Valley	118	148	211	334	652	170	200	263	378	684
35	East San Bernardino Valley	118	148	211	334	651	170	200	263	377	683
36	West San Bernardino Valley	118	148	211	334	652	170	200	263	378	684
37	Central San Bernardino Mountains	118	148	211	334	652	170	200	263	378	684
38	East San Bernardino Mountains	118	148	211	334	651	170	200	263	377	683

**Table C-1. 2005 – 2007 Thresholds for Construction and Operation with
Gradual Conversion of NO_x to NO₂ (Continued)**

SRA No.	Source Receptor Area	Allowable emissions (lbs/day) as a function of receptor distance (meters) from site boundary				
		5 Acre				
		25	50	100	200	500
1	Central LA	134	131	138	144	176
2	Northwest Coastal LA County	246	236	251	277	346
3	Southwest Coastal LA County	197	189	202	222	277
4	South Coastal LA County	99	94	101	112	143
5	Southeast LA County	172	165	176	194	244
6	West San Fernando Valley	221	212	226	250	313
7	East San Fernando Valley	197	189	201	222	277
8	West San Gabriel Valley	148	141	151	166	208
9	East San Gabriel Valley	203	227	286	368	584
10	Pomona/Walnut Valley	270	302	378	487	778
11	South San Gabriel Valley	183	176	184	202	245
12	South Central LA County	98	94	101	111	139
13	Santa Clarita Valley	228	219	233	256	321
15	San Gabriel Mountains	228	219	233	256	321
16	North Orange County	221	212	226	249	317
17	Central Orange County	183	167	180	202	245
18	North Coastal Orange County	197	190	202	223	278
19	Saddleback Valley	197	189	201	222	278
20	Central Orange County Coastal	197	190	202	223	278
21	Capistrano Valley	197	189	201	222	278
22	Norco/Corona	337	378	472	608	973
23	Metropolitan Riverside County	337	378	472	611	975
24	Perris Valley	337	378	472	611	975
25	Lake Elsinore	371	416	520	672	1,072
26	Temecula Valley	371	416	520	672	1,072
27	Anza Area	371	416	520	672	1,072
28	Hemet/San Jacinto Valley	371	416	520	672	1,072
29	Banning Airport	236	265	333	434	698
30	Coachella Valley	270	303	378	487	778
31	East Riverside County	270	303	378	487	778
32	Northwest San Bernardino Valley	270	303	378	486	778
33	Southwest San Bernardino Valley	270	303	378	486	778
34	Central San Bernardino Valley	270	302	378	486	778
35	East San Bernardino Valley	270	302	378	486	778
36	West San Bernardino Valley	270	303	378	486	778
37	Central San Bernardino Mountains	270	302	378	486	778
38	East San Bernardino Mountains	270	302	378	486	778

Table C-2. 2005 – 2007 CO Emission Thresholds for Construction and Operation

SRA No.	Source Receptor Area	Allowable emissions (lbs/day) as a function of receptor distance (meters) from site boundary									
		1 Acre					2 Acre				
		25	50	100	200	500	25	50	100	200	500
1	Central LA	627	830	1,185	2,265	7,445	966	1,288	1,693	2,838	8,129
2	Northwest Coastal LA County	554	833	1,233	2,367	7,724	815	1,196	1,695	2,961	8,446
3	Southwest Coastal LA County	674	834	1,229	2,367	7,724	982	1,231	1,697	2,957	8,446
4	South Coastal LA County	574	789	1,180	2,296	7,558	827	1,158	1,611	2,869	8,253
5	Southeast LA County	571	735	1,088	2,104	6,854	861	1,082	1,496	2,625	7,500
6	West San Fernando Valley	418	640	1,089	2,096	6,815	633	887	1,497	2,629	7,460
7	East San Fernando Valley	498	732	1,158	2,227	7,267	786	1,068	1,594	2,786	7,947
8	West San Gabriel Valley	535	783	1,158	2,229	7,270	812	1,125	1,594	2,785	7,957
9	East San Gabriel Valley	727	1,102	2,233	5,604	23,063	1,112	1,568	2,852	6,601	24,758
10	Pomona/Walnut Valley	576	858	1,640	4,093	17,890	833	1,279	2,165	4,802	19,082
11	South San Gabriel Valley	673	760	1,113	2,110	6,884	1,031	1,143	1,554	2,660	7,530
12	South Central LA County	231	342	632	1,545	5,452	346	515	841	1,817	5,962
13	Santa Clarita Valley	590	879	1,294	2,500	8,174	877	1,256	1,787	3,108	8,933
15	San Gabriel Mountains	590	879	1,294	2,500	8,174	877	1,256	1,787	3,108	8,933
16	North Orange County	496	637	941	1,834	6,064	724	938	1,295	2,270	6,612
17	Central Orange County	512	753	1,128	2,109	6,841	754	1,099	1,547	2,685	7,493
18	North Coastal Orange County	639	738	1,090	2,096	6,841	945	1,089	1,506	2,615	7,493
19	Saddleback Valley	707	833	1,234	2,376	7,724	1,008	1,227	1,696	2,965	8,454
20	Central Orange County Coastal	639	738	1,090	2,096	6,841	945	1,089	1,506	2,615	7,493
21	Capistrano Valley	707	833	1,234	2,376	7,724	1,008	1,227	1,696	2,965	8,454
22	Norco/Corona	674	999	1,915	4,763	20,582	1,007	1,475	2,516	5,582	21,934
23	Metropolitan Riverside County	602	887	1,746	4,415	19,156	883	1,262	2,232	5,136	20,397
24	Perris Valley	602	887	1,746	4,415	19,156	883	1,262	2,232	5,136	20,397
25	Lake Elsinore	661	974	1,918	4,850	21,040	970	1,386	2,452	5,641	22,403
26	Temecula Valley	661	974	1,918	4,850	21,040	970	1,386	2,452	5,641	22,403
27	Anza Area	661	974	1,918	4,850	21,040	970	1,386	2,452	5,641	22,403
28	Hemet/San Jacinto Valley	661	974	1,918	4,850	21,040	970	1,386	2,452	5,641	22,403
29	Banning Airport	1,000	1,420	2,623	6,154	25,057	1,541	2,049	3,458	7,395	26,890
30	Coachella Valley	878	1,387	2,565	6,021	24,417	1,299	1,931	3,409	7,174	26,212
31	East Riverside County	878	1,387	2,565	6,021	24,417	1,299	1,931	3,409	7,174	26,212
32	Northwest San Bernardino Valley	863	1,328	2,423	5,691	23,065	1,232	1,877	3,218	6,778	24,768
33	Southwest San Bernardino Valley	863	1,328	2,423	5,691	23,065	1,232	1,877	3,218	6,778	24,768
34	Central San Bernardino Valley	657	1,044	2,109	5,356	21,708	957	1,442	2,697	6,252	23,304
35	East San Bernardino Valley	763	1,187	2,279	5,351	21,703	1,156	1,687	3,029	6,375	23,294
36	West San Bernardino Valley	863	1,328	2,423	5,691	23,065	1,232	1,877	3,218	6,778	24,768
37	Central San Bernardino Mountains	657	1,044	2,109	5,356	21,708	957	1,442	2,697	6,252	23,304
38	East San Bernardino Mountains	763	1,187	2,279	5,351	21,703	1,156	1,687	3,029	6,375	23,294

Table C-2. 2005 – 2007 CO Emission Thresholds for Construction and Operation (Continued)

SRA No.	Source Receptor Area	Allowable emissions (lbs/day) as a function of receptor distance (meters) from site boundary				
		5 Acre				
		25	50	100	200	500
1	Central LA	1,716	2,194	2,852	4,280	10,039
2	Northwest Coastal LA County	1,509	1,957	2,762	4,383	10,467
3	Southwest Coastal LA County	1,823	2,108	2,771	4,377	10,467
4	South Coastal LA County	1,503	1,982	2,613	4,184	10,198
5	Southeast LA County	1,480	1,855	2,437	3,867	9,312
6	West San Fernando Valley	1,138	1,510	2,438	3,871	9,271
7	East San Fernando Valley	1,434	1,872	2,599	4,119	9,848
8	West San Gabriel Valley	1,540	1,921	2,599	4,119	9,857
9	East San Gabriel Valley	2,022	2,683	4,294	8,867	29,411
10	Pomona/Walnut Valley	1,475	2,033	3,477	6,605	22,091
11	South San Gabriel Valley	1,814	1,984	2,549	4,024	9,342
12	South Central LA County	630	879	1,368	2,514	7,389
13	Santa Clarita Valley	1,644	2,095	2,922	4,608	11,049
15	San Gabriel Mountains	1,644	2,095	2,922	4,608	11,049
16	North Orange County	1,246	1,607	2,112	3,347	8,129
17	Central Orange County	1,323	1,830	2,498	4,018	9,336
18	North Coastal Orange County	1,711	1,864	2,455	3,888	9,272
19	Saddleback Valley	1,830	2,102	2,763	4,387	10,507
20	Central Orange County Coastal	1,711	1,864	2,455	3,888	9,272
21	Capistrano Valley	1,830	2,102	2,763	4,387	10,507
22	Norco/Corona	1,700	2,470	3,964	7,606	25,316
23	Metropolitan Riverside County	1,577	2,178	3,437	6,860	23,482
24	Perris Valley	1,577	2,178	3,437	6,860	23,482
25	Lake Elsinore	1,732	2,393	3,775	7,535	25,792
26	Temecula Valley	1,732	2,393	3,775	7,535	25,792
27	Anza Area	1,732	2,393	3,775	7,535	25,792
28	Hemet/San Jacinto Valley	1,732	2,393	3,775	7,535	25,792
29	Banning Airport	2,817	3,575	5,534	10,383	31,903
30	Coachella Valley	2,292	3,237	5,331	10,178	31,115
31	East Riverside County	2,292	3,237	5,331	10,178	31,115
32	Northwest San Bernardino Valley	2,193	2,978	5,188	9,611	29,410
33	Southwest San Bernardino Valley	2,193	2,978	5,188	9,611	29,410
34	Central San Bernardino Valley	1,720	2,361	4,080	8,405	27,680
35	East San Bernardino Valley	2,044	2,847	4,694	9,044	27,650
36	West San Bernardino Valley	2,193	2,978	5,188	9,611	29,410
37	Central San Bernardino Mountains	1,720	2,361	4,080	8,405	27,680
38	East San Bernardino Mountains	2,044	2,847	4,694	9,044	27,650

Table C-3. PM10 Emission Thresholds for Operation

SRA No.	Source Receptor Area	Significance Threshold of 2.5 mg/m ³ Allowable emissions (lbs/day) as a function of receptor distance (meters) from boundary of site									
		1 Acre					2 Acre				
		25	50	100	200	500	25	50	100	200	500
1	Central LA	2	4	8	17	43	2	6	11	20	46
2	Northwest Coastal LA County	1	3	7	14	36	2	5	9	16	37
3	Southwest Coastal LA County	1	4	7	14	34	2	6	9	16	36
4	South Coastal LA County	1	3	7	15	38	2	5	9	17	40
5	Southeast LA County	1	3	8	16	42	2	5	10	18	44
6	West San Fernando Valley	1	3	7	15	38	2	5	8	16	39
7	East San Fernando Valley	1	3	7	13	33	2	5	9	15	35
8	West San Gabriel Valley	1	3	7	14	37	2	5	9	16	39
9	East San Gabriel Valley	2	4	9	19	48	2	6	11	20	50
10	Pomona/Walnut Valley	1	3	7	14	36	2	5	8	16	38
11	South San Gabriel Valley	1	4	7	15	37	2	6	9	17	39
12	South Central LA County	1	3	7	13	34	2	5	9	15	36
13	Santa Clarita Valley	1	3	6	13	32	2	5	8	15	34
15	San Gabriel Mountains	1	3	6	13	32	2	5	8	15	34
16	North Orange County	1	3	6	13	33	2	4	8	15	35
17	Central Orange County	1	3	7	15	38	2	5	9	17	40
18	North Coastal Orange County	1	4	7	13	33	2	6	9	15	35
19	Saddleback Valley	1	3	6	12	29	2	5	8	14	31
20	Central Orange County Coastal	1	4	7	13	33	2	6	9	15	35
21	Capistrano Valley	1	3	6	12	29	2	5	8	14	31
22	Norco/Corona	1	3	8	18	48	2	5	10	20	50
23	Metropolitan Riverside County	1	3	8	17	43	2	5	10	18	45
24	Perris Valley	1	3	8	17	43	2	5	10	18	45
25	Lake Elsinore	1	3	8	17	43	2	5	10	18	45
26	Temecula Valley	1	3	8	17	43	2	5	10	18	45
27	Anza Area	1	3	8	17	43	2	5	10	18	45
28	Hemet/San Jacinto Valley	1	3	8	17	43	2	5	10	18	45
29	Banning Airport	2	5	14	31	84	3	8	18	38	98
30	Coachella Valley	1	3	9	20	52	2	6	16	36	97
31	East Riverside County	1	3	9	20	52	2	6	16	36	97
32	Northwest San Bernardino Valley	2	4	11	25	68	2	5	9	16	39
33	Southwest San Bernardino Valley	2	4	11	25	68	2	5	9	16	39
34	Central San Bernardino Valley	1	3	8	18	47	2	6	10	20	50
35	East San Bernardino Valley	1	3	9	20	53	2	5	11	22	56
36	West San Bernardino Valley	2	4	11	25	68	2	5	9	16	39
37	Central San Bernardino Mountains	1	3	8	18	47	2	6	10	20	50
38	East San Bernardino Mountains	1	3	9	20	53	2	5	11	22	56

Table C-3. PM10 Emission Thresholds for Operation (Continued)

SRA No.	Source Receptor Area	Significance Threshold of 2.5 mg/m ³ Allowable emissions (lbs/day) as a function of receptor distance (meters) from boundary of site				
		5 acres				
		25	50	100	200	500
1	Central LA	4	12	17	26	53
2	Northwest Coastal LA County	3	10	13	21	42
3	Southwest Coastal LA County	4	12	15	21	41
4	South Coastal LA County	4	10	14	22	46
5	Southeast LA County	4	10	15	23	49
6	West San Fernando Valley	3	9	13	21	44
7	East San Fernando Valley	4	11	14	21	41
8	West San Gabriel Valley	3	9	13	21	44
9	East San Gabriel Valley	4	11	16	26	55
10	Pomona/Walnut Valley	3	9	13	20	42
11	South San Gabriel Valley	4	11	15	22	45
12	South Central LA County	4	10	14	20	40
13	Santa Clarita Valley	3	10	13	19	39
15	San Gabriel Mountains	3	10	13	19	39
16	North Orange County	3	9	12	19	40
17	Central Orange County	3	10	14	22	45
18	North Coastal Orange County	4	11	14	21	41
19	Saddleback Valley	3	9	12	18	36
20	Central Orange County Coastal	4	11	14	21	41
21	Capistrano Valley	3	9	12	18	36
22	Norco/Corona	3	9	14	25	55
23	Metropolitan Riverside County	4	10	14	23	50
24	Perris Valley	4	10	14	23	50
25	Lake Elsinore	4	10	14	23	50
26	Temecula Valley	4	10	14	23	50
27	Anza Area	4	10	14	23	50
28	Hemet/San Jacinto Valley	4	10	14	23	50
29	Banning Airport	6	16	25	44	98
30	Coachella Valley	4	11	16	27	60
31	East Riverside County	4	11	16	27	60
32	Northwest San Bernardino Valley	4	12	20	34	78
33	Southwest San Bernardino Valley	4	12	20	34	78
34	Central San Bernardino Valley	4	11	16	26	55
35	East San Bernardino Valley	4	11	16	28	62
36	West San Bernardino Valley	4	12	20	34	78
37	Central San Bernardino Mountains	4	11	16	26	55
38	East San Bernardino Mountains	4	11	16	28	62

Table C-4. PM10 Emission Thresholds for Construction

SRA No.	Source Receptor Area	Significance Threshold of 10.4 mg/m ³ Allowable emissions (lbs/day) as a function of receptor distance (meters) from boundary of site									
		1 Acre					2 Acre				
		25	50	100	200	500	25	50	100	200	500
1	Central LA	5	15	33	70	179	8	25	43	80	190
2	Northwest Coastal LA County	4	12	27	57	146	6	19	34	64	154
3	Southwest Coastal LA County	5	14	28	56	140	8	23	37	65	148
4	South Coastal LA County	4	13	29	61	158	7	21	37	70	167
5	Southeast LA County	4	13	30	66	173	7	21	39	74	182
6	West San Fernando Valley	4	11	27	59	155	6	17	33	66	162
7	East San Fernando Valley	4	13	26	54	136	7	21	34	62	144
8	West San Gabriel Valley	4	11	27	58	152	6	19	34	66	160
9	East San Gabriel Valley	5	14	34	75	199	7	22	42	84	207
10	Pomona/Walnut Valley	4	11	26	57	148	6	18	33	64	156
11	South San Gabriel Valley	5	13	29	60	153	7	22	37	68	162
12	South Central LA County	4	12	26	54	139	7	20	34	62	146
13	Santa Clarita Valley	4	12	25	51	131	6	19	32	59	139
15	San Gabriel Mountains	4	12	25	51	131	6	19	32	59	139
16	North Orange County	4	10	24	53	137	6	17	31	60	145
17	Central Orange County	4	12	28	60	158	6	19	35	68	166
18	North Coastal Orange County	4	13	27	54	135	7	21	35	62	144
19	Saddleback Valley	4	11	24	48	121	6	18	30	55	129
20	Central Orange County Coastal	4	13	27	54	135	7	21	35	62	144
21	Capistrano Valley	4	11	24	48	121	6	18	30	55	129
22	Norco/Corona	4	11	32	73	198	6	18	39	81	206
23	Metropolitan Riverside County	4	12	30	67	178	7	20	38	75	186
24	Perris Valley	4	12	30	67	178	7	20	38	75	186
25	Lake Elsinore	4	12	30	67	178	7	20	38	75	186
26	Temecula Valley	4	12	30	67	178	7	20	38	75	186
27	Anza Area	4	12	30	67	178	7	20	38	75	186
28	Hemet/San Jacinto Valley	4	12	30	67	178	7	20	38	75	186
29	Banning Airport	6	19	55	129	348	10	32	73	157	407
30	Coachella Valley	4	13	35	80	214	7	22	44	89	223
31	East Riverside County	4	13	35	80	214	7	22	44	89	223
32	Northwest San Bernardino Valley	5	14	44	103	280	6	19	34	66	160
33	Southwest San Bernardino Valley	5	14	44	103	280	6	19	34	66	160
34	Central San Bernardino Valley	4	13	33	74	196	7	22	42	83	205
35	East San Bernardino Valley	4	12	36	82	220	7	21	44	90	230
36	West San Bernardino Valley	5	14	44	103	280	6	19	34	66	160
37	Central San Bernardino Mountains	4	13	33	74	196	7	22	42	83	205
38	East San Bernardino Mountains	4	12	36	82	220	7	21	44	90	230

Table C-4. PM10 Emission Thresholds for Construction (Continued)

SRA No.	Source Receptor Area	Significance Threshold of 10.4 mg/m ³ Allowable emissions (lbs/day) as a function of receptor distance (meters) from boundary of site				
		5 acres				
		25	50	100	200	500
1	Central LA	16	50	69	107	219
2	Northwest Coastal LA County	13	40	55	84	174
3	Southwest Coastal LA County	15	46	60	88	171
4	South Coastal LA County	14	42	58	92	191
5	Southeast LA County	14	42	60	95	203
6	West San Fernando Valley	11	35	51	84	181
7	East San Fernando Valley	14	42	56	84	167
8	West San Gabriel Valley	12	37	53	85	180
9	East San Gabriel Valley	14	43	63	105	229
10	Pomona/Walnut Valley	12	36	51	82	175
11	South San Gabriel Valley	14	43	59	91	186
12	South Central LA County	13	41	55	83	166
13	Santa Clarita Valley	12	38	52	79	161
15	San Gabriel Mountains	12	38	52	79	161
16	North Orange County	11	34	49	78	165
17	Central Orange County	13	39	55	88	188
18	North Coastal Orange County	14	44	57	85	167
19	Saddleback Valley	12	37	49	74	148
20	Central Orange County Coastal	14	44	57	85	167
21	Capistrano Valley	12	37	49	74	148
22	Norco/Corona	12	37	58	101	228
23	Metropolitan Riverside County	13	40	59	96	207
24	Perris Valley	13	40	59	96	207
25	Lake Elsinore	13	40	59	96	207
26	Temecula Valley	13	40	59	96	207
27	Anza Area	13	40	59	96	207
28	Hemet/San Jacinto Valley	13	40	59	96	207
29	Banning Airport	21	67	104	180	405
30	Coachella Valley	14	44	67	112	248
31	East Riverside County	14	44	67	112	248
32	Northwest San Bernardino Valley	16	50	80	140	322
33	Southwest San Bernardino Valley	16	50	80	140	322
34	Central San Bernardino Valley	14	44	65	106	229
35	East San Bernardino Valley	14	42	66	113	255
36	West San Bernardino Valley	16	50	80	140	322
37	Central San Bernardino Mountains	14	44	65	106	229
38	East San Bernardino Mountains	14	42	66	113	255

Table C-5. PM2.5 Emission Thresholds for Construction

SRA No.	Source Receptor Area	Significance Threshold of 10.4 ug/m ³ Allowable emissions (lbs/day) as a function of receptor distance (meters) from boundary of site									
		1 Acre					2 Acre				
		25	50	100	200	500	25	50	100	200	500
1	Central LA	3	5	10	24	102	5	7	12	28	110
2	Northwest Coastal LA County	3	4	8	18	77	4	5	10	21	82
3	Southwest Coastal LA County	3	5	9	21	75	5	7	12	25	81
4	South Coastal LA County	3	5	10	26	93	5	7	13	30	101
5	Southeast LA County	3	4	8	19	86	4	6	10	22	92
6	West San Fernando Valley	3	4	7	18	79	4	5	9	21	84
7	East San Fernando Valley	3	4	8	18	68	4	6	10	21	73
8	West San Gabriel Valley	3	4	7	18	77	4	5	9	21	82
9	East San Gabriel Valley	3	5	9	22	94	5	7	12	26	100
10	Pomona/Walnut Valley	3	4	7	18	75	4	6	10	21	80
11	South San Gabriel Valley	4	5	9	20	83	5	8	12	24	89
12	South Central LA County	3	4	7	17	70	4	6	9	19	74
13	Santa Clarita Valley	3	4	7	18	74	4	5	9	20	80
15	San Gabriel Mountains	3	4	7	18	74	4	5	9	20	80
16	North Orange County	3	4	9	20	74	4	6	11	24	79
17	Central Orange County	3	4	9	22	85	4	6	11	25	92
18	North Coastal Orange County	3	5	9	22	76	5	7	12	26	83
19	Saddleback Valley	3	4	8	19	68	4	6	10	22	74
20	Central Orange County Coastal	3	5	9	22	76	5	7	12	26	83
21	Capistrano Valley	3	4	8	19	68	4	6	10	22	74
22	Norco/Corona	3	5	9	22	92	5	7	12	25	98
23	Metropolitan Riverside County	3	4	8	20	86	4	6	10	23	91
24	Perris Valley	3	4	8	20	86	4	6	10	23	91
25	Lake Elsinore	3	4	8	20	86	4	6	10	23	91
26	Temecula Valley	3	4	8	20	86	4	6	10	23	91
27	Anza Area	3	4	8	20	86	4	6	10	23	91
28	Hemet/San Jacinto Valley	3	4	8	20	86	4	6	10	23	91
29	Banning Airport	4	7	14	36	156	6	9	17	41	166
30	Coachella Valley	3	5	10	24	105	5	7	12	28	112
31	East Riverside County	3	5	10	24	105	5	7	12	28	112
32	Northwest San Bernardino Valley	4	6	12	32	141	5	8	14	36	150
33	Southwest San Bernardino Valley	4	6	12	32	141	5	8	14	36	150
34	Central San Bernardino Valley	3	5	9	23	98	4	6	12	26	104
35	East San Bernardino Valley	4	5	10	26	112	5	7	13	30	120
36	West San Bernardino Valley	4	6	12	32	141	5	8	14	36	150
37	Central San Bernardino Mountains	3	5	9	23	98	4	6	12	26	104
38	East San Bernardino Mountains	4	5	10	26	112	5	7	13	30	120

Table C-5. PM2.5 Emission Thresholds for Construction (Continued)

SRA No.	Source Receptor Area	Significance Threshold of 10.4 ug/m ³ Allowable emissions (lbs/day) as a function of receptor distance (meters) from boundary of site				
		5 Acre				
		25	50	100	200	500
1	Central LA	8	11	18	36	126
2	Northwest Coastal LA County	6	8	14	29	95
3	Southwest Coastal LA County	8	11	19	35	96
4	South Coastal LA County	8	10	18	39	120
5	Southeast LA County	7	10	15	30	103
6	West San Fernando Valley	6	8	13	26	96
7	East San Fernando Valley	8	10	15	28	86
8	West San Gabriel Valley	7	9	14	27	93
9	East San Gabriel Valley	8	11	17	35	116
10	Pomona/Walnut Valley	7	9	15	28	93
11	South San Gabriel Valley	9	12	19	34	104
12	South Central LA County	7	10	15	27	86
13	Santa Clarita Valley	6	8	13	26	95
15	San Gabriel Mountains	6	8	13	26	95
16	North Orange County	6	9	15	34	95
17	Central Orange County	7	9	15	32	109
18	North Coastal Orange County	9	11	18	35	101
19	Saddleback Valley	8	11	16	30	90
20	Central Orange County Coastal	9	11	18	35	101
21	Capistrano Valley	8	11	16	30	90
22	Norco/Corona	8	11	18	34	113
23	Metropolitan Riverside County	8	10	16	31	105
24	Perris Valley	8	10	16	31	105
25	Lake Elsinore	8	10	16	31	105
26	Temecula Valley	8	10	16	31	105
27	Anza Area	8	10	16	31	105
28	Hemet/San Jacinto Valley	8	10	16	31	105
29	Banning Airport	11	14	25	55	189
30	Coachella Valley	8	11	19	37	128
31	East Riverside County	8	11	19	37	128
32	Northwest San Bernardino Valley	9	12	21	45	170
33	Southwest San Bernardino Valley	9	12	21	45	170
34	Central San Bernardino Valley	8	10	17	35	120
35	East San Bernardino Valley	9	12	20	40	140
36	West San Bernardino Valley	9	12	21	45	170
37	Central San Bernardino Mountains	8	10	17	35	120
38	East San Bernardino Mountains	9	12	20	40	140

Table C-6. PM2.5 Emission Thresholds for Operation

SRA No.	Source Receptor Area	Significance Threshold of 2.5 ug/m ³ Allowable emissions (lbs/day) as a function of receptor distance (meters) from boundary of site									
		1 Acre					2 Acre				
		25	50	100	200	500	25	50	100	200	500
1	Central LA	1	2	3	6	25	2	2	3	7	27
2	Northwest Coastal LA County	1	1	2	5	19	1	2	3	6	20
3	Southwest Coastal LA County	1	2	3	5	18	1	2	3	6	20
4	South Coastal LA County	1	2	3	7	23	1	2	4	8	25
5	Southeast LA County	1	1	2	5	21	1	2	3	6	22
6	West San Fernando Valley	1	1	2	5	19	1	2	2	5	21
7	East San Fernando Valley	1	1	2	5	17	1	2	3	5	18
8	West San Gabriel Valley	1	1	2	5	19	1	2	3	5	20
9	East San Gabriel Valley	1	2	3	6	23	2	2	3	7	25
10	Pomona/Walnut Valley	1	1	2	5	18	1	2	3	5	20
11	South San Gabriel Valley	1	2	3	5	20	2	2	3	6	22
12	South Central LA County	1	1	2	4	17	1	2	3	5	18
13	Santa Clarita Valley	1	1	2	5	18	1	2	2	5	20
15	San Gabriel Mountains	1	1	2	5	18	1	2	2	5	20
16	North Orange County	1	1	3	5	18	1	2	3	6	19
17	Central Orange County	1	1	2	6	21	1	2	3	6	22
18	North Coastal Orange County	1	2	3	6	19	2	2	3	7	20
19	Saddleback Valley	1	1	2	5	17	1	2	3	6	18
20	Central Orange County Coastal	1	2	3	6	19	2	2	3	7	20
21	Capistrano Valley	1	1	2	5	17	1	2	3	6	18
22	Norco/Corona	1	2	3	6	23	2	2	3	6	24
23	Metropolitan Riverside County	1	1	2	5	21	1	2	3	6	22
24	Perris Valley	1	1	2	5	21	1	2	3	6	22
25	Lake Elsinore	1	1	2	5	21	1	2	3	6	22
26	Temecula Valley	1	1	2	5	21	1	2	3	6	22
27	Anza Area	1	1	2	5	21	1	2	3	6	22
28	Hemet/San Jacinto Valley	1	1	2	5	21	1	2	3	6	22
29	Banning Airport	1	2	4	9	38	2	3	5	10	40
30	Coachella Valley	1	2	3	6	26	2	2	3	7	27
31	East Riverside County	1	2	3	6	26	2	2	3	7	27
32	Northwest San Bernardino Valley	1	2	3	8	34	2	2	4	9	36
33	Southwest San Bernardino Valley	1	2	3	8	34	2	2	4	9	36
34	Central San Bernardino Valley	1	2	3	6	24	1	2	3	7	25
35	East San Bernardino Valley	1	2	3	7	27	2	2	4	8	29
36	West San Bernardino Valley	1	2	3	8	34	2	2	4	9	36
37	Central San Bernardino Mountains	1	2	3	6	24	1	2	3	7	25
38	East San Bernardino Mountains	1	2	3	7	27	2	2	4	8	29

Table C-6. PM2.5 Emission Thresholds for Operation (Continued)

SRA No.	Source Receptor Area	Significance Threshold of 2.5 ug/m3 Allowable emissions (lbs/day) as a function of receptor distance (meters) from boundary of site				
		5 Acre				
		25	50	100	200	500
1	Central LA	2	3	5	9	31
2	Northwest Coastal LA County	2	2	4	7	23
3	Southwest Coastal LA County	2	3	5	9	24
4	South Coastal LA County	2	3	5	10	29
5	Southeast LA County	2	3	4	8	25
6	West San Fernando Valley	2	2	3	7	23
7	East San Fernando Valley	2	3	4	7	21
8	West San Gabriel Valley	2	3	4	7	23
9	East San Gabriel Valley	2	3	5	9	28
10	Pomona/Walnut Valley	2	3	4	7	23
11	South San Gabriel Valley	2	3	5	9	25
12	South Central LA County	2	3	4	7	21
13	Santa Clarita Valley	2	2	3	7	23
15	San Gabriel Mountains	2	2	3	7	23
16	North Orange County	2	3	4	8	23
17	Central Orange County	2	3	4	8	27
18	North Coastal Orange County	2	3	5	9	25
19	Saddleback Valley	2	3	4	8	22
20	Central Orange County Coastal	2	3	5	9	25
21	Capistrano Valley	2	3	4	8	22
22	Norco/Corona	2	3	5	9	28
23	Metropolitan Riverside County	2	3	4	8	26
24	Perris Valley	2	3	4	8	26
25	Lake Elsinore	2	3	4	8	26
26	Temecula Valley	2	3	4	8	26
27	Anza Area	2	3	4	8	26
28	Hemet/San Jacinto Valley	2	3	4	8	26
29	Banning Airport	3	4	6	14	46
30	Coachella Valley	2	3	5	9	31
31	East Riverside County	2	3	5	9	31
32	Northwest San Bernardino Valley	2	3	5	11	41
33	Southwest San Bernardino Valley	2	3	5	11	41
34	Central San Bernardino Valley	2	3	5	9	29
35	East San Bernardino Valley	3	3	5	10	34
36	West San Bernardino Valley	2	3	5	11	41
37	Central San Bernardino Mountains	2	3	5	9	29
38	East San Bernardino Mountains	3	3	5	10	34

Appendix A3

Construction LST – ISC3 Output

Maintenance Facility

Demolition

CO


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**
*****
**
** ISC-PRIME Input Produced by:
** AERMOD View Ver. 6.0.0
** Lakes Environmental Software Inc.
** Date: 8/31/2009
** File: C:\AERMOD Projects\EXPO\Expo LST\ISC3 runs\Demo\CO\Codemo.PIN
**
*****
**
**
*****
** ISC-PRIME Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc
  MODELOPT DFAULT CONC URBAN
  AVERTIME 1 8 ANNUAL
  POLLUTID CO
  TERRHGT5 FLAT
  RUNORNOT RUN
CO FINISHED
**
*****
** ISC-PRIME Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** Line Source represented by Separated Volume Sources
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** LINE Source ID = SLINE1
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.27E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364785.07, 3766272.26, 0.00, 5.00, 0.0
** 365204.52, 3766371.86, 0.00, 5.00, 17.38
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** LOCATION L0009093 VOLUME 364794.793 3766274.558
** LOCATION L0009094 VOLUME 364831.157 3766283.184
** LOCATION L0009095 VOLUME 364867.521 3766291.810
** LOCATION L0009096 VOLUME 364903.886 3766300.435
** LOCATION L0009097 VOLUME 364940.250 3766309.061
** LOCATION L0009098 VOLUME 364976.615 3766317.687
** LOCATION L0009099 VOLUME 365012.979 3766326.313
** LOCATION L0009100 VOLUME 365049.344 3766334.939
** LOCATION L0009101 VOLUME 365085.708 3766343.565
** LOCATION L0009102 VOLUME 365122.072 3766352.190
** LOCATION L0009103 VOLUME 365158.437 3766360.816
** LOCATION L0009104 VOLUME 365194.801 3766369.442
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE2
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.27E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364781.36, 3766292.87, 0.00, 5.00, 0.0
** 365201.75, 3766392.48, 0.00, 5.00, 17.42
** -----
** LOCATION L0009105 VOLUME 364791.105 3766295.059
** LOCATION L0009106 VOLUME 364827.552 3766303.707
** LOCATION L0009107 VOLUME 364863.999 3766312.356
** LOCATION L0009108 VOLUME 364900.445 3766321.004
** LOCATION L0009109 VOLUME 364936.892 3766329.652
** LOCATION L0009110 VOLUME 364973.339 3766338.301
** LOCATION L0009111 VOLUME 365009.786 3766346.949
** LOCATION L0009112 VOLUME 365046.233 3766355.598
** LOCATION L0009113 VOLUME 365082.680 3766364.246
** LOCATION L0009114 VOLUME 365119.126 3766372.894
** LOCATION L0009115 VOLUME 365155.573 3766381.543
** LOCATION L0009116 VOLUME 365192.020 3766390.191
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE3
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.27E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364778.52, 3766312.48, 0.00, 5.00, 0.0
** 365197.51, 3766411.14, 0.00, 5.00, 17.36
** -----
** LOCATION L0009117 VOLUME 364788.265 3766314.794
** LOCATION L0009118 VOLUME 364824.583 3766323.354
** LOCATION L0009119 VOLUME 364860.901 3766331.914
** LOCATION L0009120 VOLUME 364897.220 3766340.475
** LOCATION L0009121 VOLUME 364933.538 3766349.035
** LOCATION L0009122 VOLUME 364969.856 3766357.595
** LOCATION L0009123 VOLUME 365006.175 3766366.155
** LOCATION L0009124 VOLUME 365042.493 3766374.715
** LOCATION L0009125 VOLUME 365078.812 3766383.275
** LOCATION L0009126 VOLUME 365115.130 3766391.836
** LOCATION L0009127 VOLUME 365151.448 3766400.396
** LOCATION L0009128 VOLUME 365187.767 3766408.956
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE4
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.27E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2

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** 364774.31, 3766331.61, 0.00, 5.00, 0.0
** 365193.30, 3766430.75, 0.00, 5.00, 17.36
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LOCATION L0009129 VOLUME 364784.043 3766333.805
LOCATION L0009130 VOLUME 364820.362 3766342.409
LOCATION L0009131 VOLUME 364856.681 3766351.012
LOCATION L0009132 VOLUME 364893.000 3766359.616
LOCATION L0009133 VOLUME 364929.319 3766368.220
LOCATION L0009134 VOLUME 364965.637 3766376.823
LOCATION L0009135 VOLUME 365001.956 3766385.427
LOCATION L0009136 VOLUME 365038.275 3766394.030
LOCATION L0009137 VOLUME 365074.594 3766402.634
LOCATION L0009138 VOLUME 365110.913 3766411.238
LOCATION L0009139 VOLUME 365147.232 3766419.841
LOCATION L0009140 VOLUME 365183.551 3766428.445
** End of Line Source
** Line Source represented by Separated Volume Sources
**
LINE Source ID = SLINES
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.27E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364771.54, 3766348.80, 0.00, 5.00, 0.0
** 365190.53, 3766448.40, 0.00, 5.00, 17.37
**
LOCATION L0009141 VOLUME 364781.259 3766351.066
LOCATION L0009142 VOLUME 364817.582 3766359.713
LOCATION L0009143 VOLUME 364853.904 3766368.360
LOCATION L0009144 VOLUME 364890.226 3766377.007
LOCATION L0009145 VOLUME 364926.548 3766385.654
LOCATION L0009146 VOLUME 364962.870 3766394.301
LOCATION L0009147 VOLUME 364999.192 3766402.949
LOCATION L0009148 VOLUME 365035.514 3766411.596
LOCATION L0009149 VOLUME 365071.837 3766420.243
LOCATION L0009150 VOLUME 365108.159 3766428.890
LOCATION L0009151 VOLUME 365144.481 3766437.537
LOCATION L0009152 VOLUME 365180.803 3766446.184
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SRCPARAM L0009098 1.0583E-08 5.00 17.38 2.33
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SRCPARAM L0009100 1.0583E-08 5.00 17.38 2.33
SRCPARAM L0009101 1.0583E-08 5.00 17.38 2.33
SRCPARAM L0009102 1.0583E-08 5.00 17.38 2.33
SRCPARAM L0009103 1.0583E-08 5.00 17.38 2.33
SRCPARAM L0009104 1.0583E-08 5.00 17.38 2.33
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SRCPARAM L0009109 1.0583E-08 5.00 17.42 2.33
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SRCPARAM L0009149 1.0583E-08 5.00 17.37 2.33
SRCPARAM L0009150 1.0583E-08 5.00 17.37 2.33
SRCPARAM L0009151 1.0583E-08 5.00 17.37 2.33
SRCPARAM L0009152 1.0583E-08 5.00 17.37 2.33
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** ISC-PRIME Receptor Pathway
*****
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** DESCRREC "Res" "Residential"
DISCCART 365195.56 3766329.20
DISCCART 365046.70 3766293.15
DISCCART 364925.03 3766265.02
DISCCART 364810.05 3766234.54
DISCCART 365230.92 3766352.80
DISCCART 365358.03 3766388.07

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DISCCART 365384.34 3766356.86
DISCCART 365410.66 3766309.74
DISCCART 365214.23 3766258.34
DISCCART 365061.86 3766221.01
DISCCART 364950.49 3766192.86
DISCCART 364851.97 3766170.22
DISCCART 364936.41 3766071.09
DISCCART 365000.67 3766093.73
DISCCART 365093.68 3766116.99
DISCCART 365250.94 3766158.60
DISCCART 365455.33 3766211.83
** BEGIN OF NESTED GRID RECEPTORS

** Nested Grid ID = NSTD2
** Grid Count = 5
** Receptor Count = 417
** X Origin of Bounding Box = 364768.57
** Y Origin of Bounding Box = 3766257.55
** X Size of Bounding Box = 440.00
** Y Size of Bounding Box = 200.00
** Grid #1: Distance from Bounding Box = 25.00 Spacing = 25.00
** Grid #2: Distance from Bounding Box = 50.00 Spacing = 50.00
** Grid #3: Distance from Bounding Box = 100.00 Spacing = 75.00
** Grid #4: Distance from Bounding Box = 200.00 Spacing = 100.00
** Grid #5: Distance from Bounding Box = 500.00 Spacing = 125.00
DISCCART 364768.57 3766257.55
DISCCART 364788.57 3766257.55
DISCCART 364808.57 3766257.55
DISCCART 364828.57 3766257.55
DISCCART 364848.57 3766257.55
DISCCART 364868.57 3766257.55
DISCCART 364888.57 3766257.55
DISCCART 364908.57 3766257.55
DISCCART 364928.57 3766257.55
DISCCART 364948.57 3766257.55
DISCCART 364968.57 3766257.55
DISCCART 364988.57 3766257.55
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** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
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** ISC-PRIME Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST

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RECTABLE 1 1ST
 RECTABLE 8 1ST
 ** Auto-Generated Plotfiles
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 PLOTFILE 8 ALL 1ST CODEMO.PR\08HIGALL.PLT
 PLOTFILE ANNUAL ALL CODEMO.PR\AN00GALL.PLT
 OU FINISHED

 *** SETUP Finishes Successfully ***

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**MODELOPTS: CONC URBAN FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --
 **Model Uses NO DRY DEPLETION. DDPLETE = F
 **Model Uses NO WET DEPLETION. WDPLETE = F
 **NO WET SCAVENGING Data Provided.
 **Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
 1. Final Plume Rise.
 2. Stack-tip Downwash.
 3. Buoyancy-induced Dispersion.
 4. Use Calms Processing Routine.
 5. Not Use Missing Data Processing Routine.
 6. Default wind Profile Exponents.
 7. Default Vertical Potential Temperature Gradients.
 8. "Upper Bound" values for Supersquat Buildings.
 9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 60 Source(s); 1 Source Group(s); and 438 Receptor(s)

**The Model Assumes A Pollutant Type of: CO

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

**Output Options Selected:
 Model Outputs Tables of ANNUAL Averages by Receptor
 Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
 Model Outputs External File(s) of High values for Plotting (PLOTFILE Keyword)

**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: Anem. Hgt. (m) = 97.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

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**MODELOPTS: CONC URBAN FLAT DFAULT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0009093	0	0.10583E-07	364794.8	3766274.5	0.0	5.00	17.38	2.33	
L0009094	0	0.10583E-07	364831.2	3766283.0	0.0	5.00	17.38	2.33	
L0009095	0	0.10583E-07	364867.5	3766291.8	0.0	5.00	17.38	2.33	
L0009096	0	0.10583E-07	364903.9	3766300.5	0.0	5.00	17.38	2.33	
L0009097	0	0.10583E-07	364940.2	3766309.0	0.0	5.00	17.38	2.33	
L0009098	0	0.10583E-07	364976.6	3766317.5	0.0	5.00	17.38	2.33	
L0009099	0	0.10583E-07	365013.0	3766326.2	0.0	5.00	17.38	2.33	
L0009100	0	0.10583E-07	365049.3	3766335.0	0.0	5.00	17.38	2.33	
L0009101	0	0.10583E-07	365085.7	3766343.5	0.0	5.00	17.38	2.33	
L0009102	0	0.10583E-07	365122.1	3766352.0	0.0	5.00	17.38	2.33	
L0009103	0	0.10583E-07	365158.4	3766360.8	0.0	5.00	17.38	2.33	
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L0009110	0	0.10583E-07	364973.3	3766338.2	0.0	5.00	17.42	2.33	
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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009093	364768.6	3766257.5	-6.12
L0009093	364788.6	3766257.5	-19.27
L0009093	364808.6	3766257.5	-15.48
L0009093	364828.6	3766257.5	0.45
L0009093	364768.6	3766277.5	-10.98
L0009093	364768.6	3766297.5	-2.49
L0009093	364787.8	3766259.5	-20.81
L0009094	364808.6	3766257.5	-3.30
L0009094	364828.6	3766257.5	-11.74
L0009094	364848.6	3766257.5	-6.49
L0009094	364868.6	3766277.5	0.44

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L0009095	364868.6	3766257.5	-3.10
L0009095	364868.6	3766277.5	-23.08
L0009095	364888.6	3766277.5	-11.96
L0009096	364888.6	3766277.5	-9.72
L0009096	364908.6	3766277.5	-13.90
L0009096	364928.6	3766277.5	-3.65
L0009097	364928.6	3766277.5	-3.77
L0009097	364948.6	3766277.5	-4.79
L0009097	364968.6	3766297.5	-6.81
L0009098	364968.6	3766297.5	-15.81
L0009098	364988.6	3766297.5	-14.06
L0009098	365008.6	3766297.5	0.34
L0009099	364988.6	3766297.5	0.35
L0009099	365008.6	3766297.5	-8.28
L0009099	365028.6	3766297.5	-4.66
L0009099	365048.6	3766317.5	-0.71
L0009100	365048.6	3766297.5	0.14
L0009100	365048.6	3766317.5	-19.85
L0009100	365068.6	3766317.5	-11.37
L0009101	365068.6	3766317.5	-6.23
L0009101	365088.6	3766317.5	-11.21
L0009101	365108.6	3766317.5	-2.74
L0009102	365108.6	3766317.5	-0.32
L0009102	365128.6	3766317.5	-2.26
L0009102	365128.6	3766337.5	-21.48
L0009102	365148.6	3766337.5	-7.16
L0009103	365128.6	3766337.5	0.49
L0009103	365148.6	3766337.5	-12.11
L0009103	365168.6	3766337.5	-12.01

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009103	365188.6	3766337.5	0.69
L0009104	365188.6	3766337.5	-4.76
L0009104	365208.6	3766337.5	-2.54
L0009104	365208.6	3766357.5	-19.12
L0009104	365208.6	3766377.5	-21.46
L0009104	365208.6	3766397.5	-6.17
L0009104	365218.6	3766357.5	-10.76
L0009104	365218.6	3766382.5	-10.29
L0009104	365206.8	3766357.8	-20.55
L0009105	364788.6	3766257.5	0.13
L0009105	364768.6	3766277.5	-8.92
L0009105	364768.6	3766297.5	-14.78
L0009105	364768.6	3766317.5	-5.61
L0009105	364787.8	3766259.5	-1.80
L0009107	364868.6	3766277.5	-2.40
L0009112	365048.6	3766317.5	0.62
L0009114	365128.6	3766337.5	-0.96
L0009116	365208.6	3766357.5	-0.99
L0009116	365208.6	3766377.5	-16.73
L0009116	365208.6	3766397.5	-19.30
L0009116	365208.6	3766417.5	-5.37
L0009116	365218.6	3766382.5	-9.88
L0009116	365218.6	3766407.5	-5.67
L0009116	365206.8	3766357.8	-1.96
L0009117	364768.6	3766297.5	-11.15
L0009117	364768.6	3766317.5	-17.45
L0009117	364768.6	3766337.5	-7.24
L0009128	365208.6	3766377.5	0.43
L0009128	365208.6	3766397.5	-13.55
L0009128	365208.6	3766417.5	-14.84
L0009128	365188.6	3766437.5	-8.81
L0009128	365208.6	3766437.5	-2.03
L0009128	365218.6	3766407.5	-6.48
L0009129	364768.6	3766317.5	-14.89
L0009129	364768.6	3766337.5	-21.41
L0009129	364768.6	3766357.5	-8.98
L0009129	364769.3	3766358.2	-8.76
L0009130	364808.6	3766377.5	-0.38
L0009130	364828.6	3766377.5	-1.38
L0009131	364848.6	3766377.5	-9.61

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009132	364888.6	3766397.5	0.93
L0009133	364908.6	3766397.5	-1.46
L0009133	364928.6	3766397.5	-8.06
L0009135	364988.6	3766417.5	-2.63
L0009135	365008.6	3766417.5	-4.65
L0009136	365008.6	3766417.5	0.54
L0009137	365068.6	3766437.5	-1.81
L0009137	365088.6	3766437.5	0.36
L0009138	365088.6	3766437.5	-2.85
L0009139	365148.6	3766457.5	0.45
L0009140	365208.6	3766417.5	-10.01
L0009140	365188.6	3766437.5	-27.03
L0009140	365208.6	3766437.5	-10.75
L0009140	365168.6	3766457.5	-4.67
L0009140	365188.6	3766457.5	-7.90
L0009140	365208.6	3766457.5	0.96
L0009140	365218.6	3766432.5	-2.10
L0009140	365180.3	3766456.2	-9.38
L0009141	364768.6	3766317.5	-1.52
L0009141	364768.6	3766337.5	-18.82
L0009141	364768.6	3766357.5	-23.09
L0009141	364768.6	3766377.5	-7.96
L0009141	364788.6	3766377.5	-9.86

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

FILE: C:\AERMOD~1\METDAT~1\WESTLA.ASC FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,F9.4,f10.1,f8.4,i4,f7.2)
SURFACE STATION NO.: 52158 UPPER AIR STATION NO.: 91919
NAME: UNKNOWN NAME: UNKNOWN
YEAR: 1981 YEAR: 1981

YEAR	MONTH	DAY	HOUR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
81	1	1	1	67.3	1.00	285.9	7	387.1	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	2	79.9	1.00	286.5	7	397.2	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	3	62.5	1.00	285.9	6	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	4	98.5	1.00	285.9	5	417.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	5	354.0	1.00	285.4	4	427.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	6	139.5	1.00	283.7	5	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	7	94.5	1.00	283.7	6	447.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	8	112.2	1.00	284.3	5	70.1	201.5	0.0000	0.0	0.0000	0	0.00
81	1	1	9	186.5	1.00	287.0	4	144.7	254.3	0.0000	0.0	0.0000	0	0.00
81	1	1	10	256.6	1.00	291.5	3	219.4	307.0	0.0000	0.0	0.0000	0	0.00
81	1	1	11	314.1	1.00	294.8	2	294.0	359.8	0.0000	0.0	0.0000	0	0.00
81	1	1	12	35.6	2.68	290.9	3	368.7	412.5	0.0000	0.0	0.0000	0	0.00
81	1	1	13	64.7	2.24	289.8	3	443.3	465.3	0.0000	0.0	0.0000	0	0.00
81	1	1	14	34.2	2.24	290.4	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	15	44.8	1.34	290.4	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	16	53.2	1.79	289.3	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	17	42.6	0.00	288.1	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	18	30.1	1.00	287.6	5	518.0	468.5	0.0000	0.0	0.0000	0	0.00
81	1	1	19	20.5	0.00	287.0	6	518.0	425.9	0.0000	0.0	0.0000	0	0.00
81	1	1	20	55.7	1.00	287.0	7	518.0	383.4	0.0000	0.0	0.0000	0	0.00
81	1	1	21	43.6	0.00	287.6	7	518.0	340.8	0.0000	0.0	0.0000	0	0.00
81	1	1	22	137.0	1.00	287.0	7	518.0	298.2	0.0000	0.0	0.0000	0	0.00
81	1	1	23	90.7	1.00	286.5	7	518.0	255.6	0.0000	0.0	0.0000	0	0.00
81	1	1	24	67.2	1.00	286.5	6	518.0	213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365195.56	3766329.25	0.00002	365046.69	3766293.00	0.00002
364925.03	3766265.00	0.00002	364810.06	3766234.50	0.00001
365230.94	3766352.75	0.00003	365358.03	3766388.00	0.00001
365384.34	3766356.75	0.00001	365410.66	3766309.75	0.00001
365214.22	3766258.25	0.00001	365061.88	3766221.00	0.00001
364950.50	3766192.75	0.00001	364851.97	3766170.25	0.00000
364936.41	3766071.00	0.00000	365000.66	3766093.75	0.00000
365093.69	3766117.00	0.00000	365250.94	3766158.50	0.00001
365455.34	3766211.75	0.00000	364768.56	3766257.50	0.00001
364788.56	3766257.50	0.00001	364808.56	3766257.50	0.00001
364828.56	3766257.50	0.00001	364848.56	3766257.50	0.00001
364868.56	3766257.50	0.00002	364888.56	3766257.50	0.00002
364908.56	3766257.50	0.00002	364928.56	3766257.50	0.00002
364948.56	3766257.50	0.00002	364968.56	3766257.50	0.00002
364988.56	3766257.50	0.00002	365008.56	3766257.50	0.00002
365028.56	3766257.50	0.00002	365048.56	3766257.50	0.00001
365068.56	3766257.50	0.00001	365088.56	3766257.50	0.00001
365108.56	3766257.50	0.00001	365128.56	3766257.50	0.00001
365148.56	3766257.50	0.00001	365168.56	3766257.50	0.00001
365188.56	3766257.50	0.00001	365208.56	3766257.50	0.00001
364768.56	3766277.50	0.00001	364868.56	3766277.50	0.00002
364888.56	3766277.50	0.00002	364908.56	3766277.50	0.00002
364928.56	3766277.50	0.00002	364948.56	3766277.50	0.00002
364968.56	3766277.50	0.00002	364988.56	3766277.50	0.00002
365008.56	3766277.50	0.00002	365028.56	3766277.50	0.00002
365048.56	3766277.50	0.00002	365068.56	3766277.50	0.00002
365088.56	3766277.50	0.00002	365108.56	3766277.50	0.00002
365128.56	3766277.50	0.00002	365148.56	3766277.50	0.00002
365168.56	3766277.50	0.00001	365188.56	3766277.50	0.00001
365208.56	3766277.50	0.00001	364768.56	3766297.50	0.00001
364968.56	3766297.50	0.00003	364988.56	3766297.50	0.00003
365008.56	3766297.50	0.00003	365028.56	3766297.50	0.00003
365048.56	3766297.50	0.00002	365068.56	3766297.50	0.00002
365088.56	3766297.50	0.00002	365108.56	3766297.50	0.00002
365128.56	3766297.50	0.00002	365148.56	3766297.50	0.00002
365168.56	3766297.50	0.00002	365188.56	3766297.50	0.00002
365208.56	3766297.50	0.00002	364768.56	3766317.50	0.00002
365048.56	3766317.50	0.00003	365068.56	3766317.50	0.00003
365088.56	3766317.50	0.00003	365108.56	3766317.50	0.00003
365128.56	3766317.50	0.00003	365148.56	3766317.50	0.00002

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365168.56	3766317.50	0.00002	365188.56	3766317.50	0.00002
365208.56	3766317.50	0.00002	364768.56	3766337.50	0.00002
365128.56	3766337.50	0.00003	365148.56	3766337.50	0.00003

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Codemo.POU.txt
365168.56 3766337.50 0.00003 365188.56 3766337.50 0.00003
365208.56 3766337.50 0.00002 364768.56 3766357.50 0.00002
365208.56 3766357.50 0.00003 364768.56 3766377.50 0.00002
364788.56 3766377.50 0.00002 364808.56 3766377.50 0.00003
364828.56 3766377.50 0.00004 364848.56 3766377.50 0.00004
365208.56 3766377.50 0.00004 364768.56 3766397.50 0.00002
364788.56 3766397.50 0.00002 364808.56 3766397.50 0.00003
364828.56 3766397.50 0.00003 364848.56 3766397.50 0.00004
364868.56 3766397.50 0.00004 364888.56 3766397.50 0.00005
364908.56 3766397.50 0.00005 364928.56 3766397.50 0.00006
365208.56 3766397.50 0.00004 364768.56 3766417.50 0.00002
364788.56 3766417.50 0.00002 364808.56 3766417.50 0.00002
364828.56 3766417.50 0.00003 364848.56 3766417.50 0.00003
364868.56 3766417.50 0.00004 364888.56 3766417.50 0.00004
364908.56 3766417.50 0.00005 364928.56 3766417.50 0.00005
364948.56 3766417.50 0.00005 364968.56 3766417.50 0.00005
364988.56 3766417.50 0.00006 365008.56 3766417.50 0.00006
365208.56 3766417.50 0.00005 364768.56 3766437.50 0.00001
364788.56 3766437.50 0.00002 364808.56 3766437.50 0.00002
364828.56 3766437.50 0.00002 364848.56 3766437.50 0.00003
364868.56 3766437.50 0.00003 364888.56 3766437.50 0.00003
364908.56 3766437.50 0.00004 364928.56 3766437.50 0.00004
364948.56 3766437.50 0.00004 364968.56 3766437.50 0.00005
364988.56 3766437.50 0.00005 365008.56 3766437.50 0.00005
365028.56 3766437.50 0.00006 365048.56 3766437.50 0.00006
365068.56 3766437.50 0.00006 365088.56 3766437.50 0.00005
365188.56 3766437.50 0.00005 365208.56 3766437.50 0.00005
364768.56 3766457.50 0.00001 364788.56 3766457.50 0.00001
364808.56 3766457.50 0.00001 364828.56 3766457.50 0.00002
364848.56 3766457.50 0.00002 364868.56 3766457.50 0.00002
364888.56 3766457.50 0.00003 364908.56 3766457.50 0.00003
364928.56 3766457.50 0.00003 364948.56 3766457.50 0.00003
364968.56 3766457.50 0.00004 364988.56 3766457.50 0.00004
365008.56 3766457.50 0.00004 365028.56 3766457.50 0.00005
365048.56 3766457.50 0.00005 365068.56 3766457.50 0.00005
365088.56 3766457.50 0.00005 365108.56 3766457.50 0.00005
365128.56 3766457.50 0.00005 365148.56 3766457.50 0.00005
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF CO IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365168.56 3766457.50 0.00005 365188.56 3766457.50 0.00005
365208.56 3766457.50 0.00004 364743.56 3766232.50 0.00001
364768.56 3766232.50 0.00001 364793.56 3766232.50 0.00001
364818.56 3766232.50 0.00001 364843.56 3766232.50 0.00001
364868.56 3766232.50 0.00001 364893.56 3766232.50 0.00001
364918.56 3766232.50 0.00001 364943.56 3766232.50 0.00001
364968.56 3766232.50 0.00001 364993.56 3766232.50 0.00001
365018.56 3766232.50 0.00001 365043.56 3766232.50 0.00001
365068.56 3766232.50 0.00001 365093.56 3766232.50 0.00001
365118.56 3766232.50 0.00001 365143.56 3766232.50 0.00001
365168.56 3766232.50 0.00001 365193.56 3766232.50 0.00001
365218.56 3766232.50 0.00001 365243.56 3766232.50 0.00001
364743.56 3766257.50 0.00001 365218.56 3766257.50 0.00001
365243.56 3766257.50 0.00001 364743.56 3766282.50 0.00001
365218.56 3766282.50 0.00001 365243.56 3766282.50 0.00001
364743.56 3766307.50 0.00002 365218.56 3766307.50 0.00002
365243.56 3766307.50 0.00002 364743.56 3766332.50 0.00002
365218.56 3766332.50 0.00002 365243.56 3766332.50 0.00002
364743.56 3766357.50 0.00002 365218.56 3766357.50 0.00003
365243.56 3766357.50 0.00003 364743.56 3766382.50 0.00002
365218.56 3766382.50 0.00003 365243.56 3766382.50 0.00003
364743.56 3766407.50 0.00001 365218.56 3766407.50 0.00004
365243.56 3766407.50 0.00004 364743.56 3766432.50 0.00001
365218.56 3766432.50 0.00005 365243.56 3766432.50 0.00004
364743.56 3766457.50 0.00001 365218.56 3766457.50 0.00005
365243.56 3766457.50 0.00004 364743.56 3766482.50 0.00001
364768.56 3766482.50 0.00001 364793.56 3766482.50 0.00001
364818.56 3766482.50 0.00001 364843.56 3766482.50 0.00001
364868.56 3766482.50 0.00002 364893.56 3766482.50 0.00002
364918.56 3766482.50 0.00002 364943.56 3766482.50 0.00002
364968.56 3766482.50 0.00003 364993.56 3766482.50 0.00003
365018.56 3766482.50 0.00003 365043.56 3766482.50 0.00004
365068.56 3766482.50 0.00004 365093.56 3766482.50 0.00004
365118.56 3766482.50 0.00004 365143.56 3766482.50 0.00004
365168.56 3766482.50 0.00004 365193.56 3766482.50 0.00004
365218.56 3766482.50 0.00004 365243.56 3766482.50 0.00003
364718.56 3766207.50 0.00000 364768.56 3766207.50 0.00000
364818.56 3766207.50 0.00001 364868.56 3766207.50 0.00001
364918.56 3766207.50 0.00001 364968.56 3766207.50 0.00001
365018.56 3766207.50 0.00001 365068.56 3766207.50 0.00001
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF CO IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365118.56 3766207.50 0.00001 365168.56 3766207.50 0.00001
365218.56 3766207.50 0.00001 365268.56 3766207.50 0.00001
364718.56 3766257.50 0.00001 365268.56 3766257.50 0.00001
364718.56 3766307.50 0.00001 365268.56 3766307.50 0.00001
364718.56 3766357.50 0.00001 365268.56 3766357.50 0.00002
364718.56 3766407.50 0.00001 365268.56 3766407.50 0.00003
364718.56 3766457.50 0.00001 365268.56 3766457.50 0.00003
364718.56 3766507.50 0.00001 364768.56 3766507.50 0.00001
364818.56 3766507.50 0.00001 364868.56 3766507.50 0.00001

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Codemo.POU.txt
364918.56 3766507.50 0.00002 364968.56 3766507.50 0.00002
365018.56 3766507.50 0.00002 365068.56 3766507.50 0.00003
365118.56 3766507.50 0.00003 365168.56 3766507.50 0.00003
365218.56 3766507.50 0.00003 365268.56 3766507.50 0.00002
364668.56 3766157.50 0.00000 364743.56 3766157.50 0.00000
364818.56 3766157.50 0.00000 364893.56 3766157.50 0.00000
364968.56 3766157.50 0.00001 365043.56 3766157.50 0.00001
365118.56 3766157.50 0.00001 365193.56 3766157.50 0.00001
365268.56 3766157.50 0.00001 365343.56 3766157.50 0.00000
364668.56 3766232.50 0.00000 365268.56 3766232.50 0.00001
365343.56 3766232.50 0.00001 364668.56 3766307.50 0.00001
365268.56 3766307.50 0.00001 365343.56 3766307.50 0.00001
364668.56 3766382.50 0.00001 365268.56 3766382.50 0.00003
365343.56 3766382.50 0.00001 364668.56 3766457.50 0.00001
365268.56 3766457.50 0.00003 365343.56 3766457.50 0.00002
364668.56 3766532.50 0.00000 364743.56 3766532.50 0.00001
364818.56 3766532.50 0.00001 364893.56 3766532.50 0.00001
364968.56 3766532.50 0.00002 365043.56 3766532.50 0.00002
365118.56 3766532.50 0.00002 365193.56 3766532.50 0.00003
365268.56 3766532.50 0.00002 365343.56 3766532.50 0.00001
364568.56 3766057.50 0.00000 364668.56 3766057.50 0.00000
364768.56 3766057.50 0.00000 364868.56 3766057.50 0.00000
364968.56 3766057.50 0.00000 365068.56 3766057.50 0.00000
365168.56 3766057.50 0.00000 365268.56 3766057.50 0.00000
365368.56 3766057.50 0.00000 364568.56 3766157.50 0.00000
365368.56 3766157.50 0.00000 364568.56 3766257.50 0.00000
365368.56 3766257.50 0.00001 364568.56 3766357.50 0.00000
365368.56 3766357.50 0.00001 364568.56 3766457.50 0.00000
365368.56 3766457.50 0.00001 364568.56 3766557.50 0.00000
365368.56 3766557.50 0.00001 364568.56 3766657.50 0.00000
364668.56 3766657.50 0.00000 364768.56 3766657.50 0.00000
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364868.56	3766657.50	0.00000	364968.56	3766657.50	0.00001
365068.56	3766657.50	0.00001	365168.56	3766657.50	0.00001
365268.56	3766657.50	0.00001	365368.56	3766657.50	0.00001
364268.56	3765757.50	0.00000	364393.56	3765757.50	0.00000
364518.56	3765757.50	0.00000	364643.56	3765757.50	0.00000
364768.56	3765757.50	0.00000	364893.56	3765757.50	0.00000
365018.56	3765757.50	0.00000	365143.56	3765757.50	0.00000
365268.56	3765757.50	0.00000	365393.56	3765757.50	0.00000
365518.56	3765757.50	0.00000	365643.56	3765757.50	0.00000
365768.56	3765757.50	0.00000	364268.56	3765882.50	0.00000
364393.56	3765882.50	0.00000	364518.56	3765882.50	0.00000
364643.56	3765882.50	0.00000	364768.56	3765882.50	0.00000
364893.56	3765882.50	0.00000	365018.56	3765882.50	0.00000
365143.56	3765882.50	0.00000	365268.56	3765882.50	0.00000
365393.56	3765882.50	0.00000	365518.56	3765882.50	0.00000
365643.56	3765882.50	0.00000	365768.56	3765882.50	0.00000
364268.56	3766007.50	0.00000	364393.56	3766007.50	0.00000
364518.56	3766007.50	0.00000	364643.56	3766007.50	0.00000
364768.56	3766007.50	0.00000	364893.56	3766007.50	0.00000
365018.56	3766007.50	0.00000	365143.56	3766007.50	0.00000
365268.56	3766007.50	0.00000	365393.56	3766007.50	0.00000
365518.56	3766007.50	0.00000	365643.56	3766007.50	0.00000
365768.56	3766007.50	0.00000	364268.56	3766132.50	0.00000
364393.56	3766132.50	0.00000	364518.56	3766132.50	0.00000
364643.56	3766132.50	0.00000	364768.56	3766132.50	0.00000
364893.56	3766132.50	0.00000	365018.56	3766132.50	0.00000
365143.56	3766132.50	0.00000	365268.56	3766257.50	0.00000
365393.56	3766257.50	0.00000	365518.56	3766257.50	0.00000
365643.56	3766257.50	0.00000	365768.56	3766257.50	0.00000
364268.56	3766257.50	0.00000	364393.56	3766382.50	0.00000
364518.56	3766382.50	0.00000	364643.56	3766382.50	0.00000
364768.56	3766382.50	0.00001	364893.56	3766382.50	0.00000
365018.56	3766382.50	0.00000	365143.56	3766507.50	0.00000
365268.56	3766507.50	0.00000	365393.56	3766507.50	0.00000
365518.56	3766507.50	0.00001	365643.56	3766507.50	0.00000
365768.56	3766507.50	0.00000	364268.56	3766632.50	0.00000
364393.56	3766632.50	0.00000	364518.56	3766632.50	0.00000
364643.56	3766632.50	0.00001	364768.56	3766632.50	0.00000
364893.56	3766632.50	0.00000	365018.56	3766757.50	0.00000
365143.56	3766757.50	0.00000	365268.56	3766757.50	0.00000
365393.56	3766757.50	0.00000	365518.56	3766757.50	0.00000
365643.56	3766757.50	0.00000	365768.56	3766757.50	0.00000
364268.56	3766757.50	0.00000	364393.56	3766757.50	0.00000
364518.56	3766757.50	0.00000	364643.56	3766757.50	0.00000
364768.56	3766757.50	0.00000	364893.56	3766757.50	0.00000
365018.56	3766757.50	0.00000	365143.56	3766757.50	0.00000
365268.56	3766757.50	0.00000	365393.56	3766757.50	0.00000
365518.56	3766757.50	0.00000	365643.56	3766757.50	0.00000
365768.56	3766757.50	0.00000	364268.56	3767007.50	0.00000
364393.56	3767007.50	0.00000	364518.56	3767007.50	0.00000
364643.56	3767007.50	0.00000	364768.56	3767007.50	0.00000
364893.56	3767007.50	0.00000	365018.56	3767007.50	0.00000
365143.56	3767007.50	0.00000	365268.56	3767007.50	0.00000

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
***

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364893.56	3766757.50	0.00000	365018.56	3766757.50	0.00000
365143.56	3766757.50	0.00001	365268.56	3766757.50	0.00001
365393.56	3766757.50	0.00001	365518.56	3766757.50	0.00000
365643.56	3766757.50	0.00000	365768.56	3766757.50	0.00000
364268.56	3766882.50	0.00000	364393.56	3766882.50	0.00000
364518.56	3766882.50	0.00000	364643.56	3766882.50	0.00000
364768.56	3766882.50	0.00000	364893.56	3766882.50	0.00000
365018.56	3766882.50	0.00000	365143.56	3766882.50	0.00000
365268.56	3766882.50	0.00000	365393.56	3766882.50	0.00000
365518.56	3766882.50	0.00000	365643.56	3766882.50	0.00000
365768.56	3766882.50	0.00000	364268.56	3767007.50	0.00000
364393.56	3767007.50	0.00000	364518.56	3767007.50	0.00000
364643.56	3767007.50	0.00000	364768.56	3767007.50	0.00000
364893.56	3767007.50	0.00000	365018.56	3767007.50	0.00000
365143.56	3767007.50	0.00000	365268.56	3767007.50	0.00000

365393.56 3767007.50 0.00000 365518.56 3767007.50 0.00000
365643.56 3767007.50 0.00000 365768.56 3767007.50 0.00000
364787.78 3766259.50 0.00001 365206.84 3766357.75 0.00003
365180.28 3766456.25 0.00005 364769.34 3766358.25 0.00002
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** 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)
365195.56	3766329.25	0.00017	(81050901)	365046.69	3766293.00	0.00015	(81012507)
364925.03	3766265.00	0.00016	(81040303)	364810.06	3766234.50	0.00017	(81042007)
365230.94	3766352.75	0.00020	(81071903)	365358.03	3766388.00	0.00014	(81072724)
365384.34	3766356.75	0.00012	(81091907)	365410.66	3766309.75	0.00009	(81031605)
365214.22	3766258.25	0.00010	(81122622)	365061.88	3766221.00	0.00009	(81021803)
364950.50	3766192.75	0.00009	(81120407)	364851.97	3766170.25	0.00009	(81011201)
364936.41	3766071.00	0.00006	(81111906)	365000.66	3766093.75	0.00006	(81020802)
365093.69	3766117.00	0.00006	(81100604)	365250.94	3766158.50	0.00006	(81092005)
365455.34	3766211.75	0.00006	(81021804)	364768.56	3766257.50	0.00021	(81020601)
364788.56	3766257.50	0.00020	(81112923)	364808.56	3766257.50	0.00019	(81011604)
364828.56	3766257.50	0.00019	(81040607)	364848.56	3766257.50	0.00017	(81122004)
364868.56	3766257.50	0.00017	(81042007)	364888.56	3766257.50	0.00016	(81032003)
364908.56	3766257.50	0.00015	(81030605)	364928.56	3766257.50	0.00015	(81011203)
364948.56	3766257.50	0.00013	(81070401)	364968.56	3766257.50	0.00013	(81101901)
364988.56	3766257.50	0.00012	(81100903)	365008.56	3766257.50	0.00012	(81112922)
365028.56	3766257.50	0.00011	(81032402)	365048.56	3766257.50	0.00011	(81032703)
365068.56	3766257.50	0.00011	(81052303)	365088.56	3766257.50	0.00011	(81030806)
365108.56	3766257.50	0.00011	(81020503)	365128.56	3766257.50	0.00010	(81071224)
365148.56	3766257.50	0.00010	(81021605)	365168.56	3766257.50	0.00010	(81120401)
365188.56	3766257.50	0.00010	(81041204)	365208.56	3766257.50	0.00010	(81032006)
364768.56	3766277.50	0.00022	(81022523)	364868.56	3766277.50	0.00020	(81070406)
364888.56	3766277.50	0.00017	(81011924)	364908.56	3766277.50	0.00018	(81042007)
364928.56	3766277.50	0.00016	(81101206)	364948.56	3766277.50	0.00016	(81110108)
364968.56	3766277.50	0.00014	(81011203)	364988.56	3766277.50	0.00014	(81022805)
365008.56	3766277.50	0.00014	(81011201)	365028.56	3766277.50	0.00013	(81040521)
365048.56	3766277.50	0.00013	(81040420)	365068.56	3766277.50	0.00013	(81103103)
365088.56	3766277.50	0.00012	(81061805)	365108.56	3766277.50	0.00012	(81082203)
365128.56	3766277.50	0.00012	(81071805)	365148.56	3766277.50	0.00012	(81071805)
365168.56	3766277.50	0.00011	(81122701)	365188.56	3766277.50	0.00011	(81022301)
365208.56	3766277.50	0.00011	(81080806)	364768.56	3766297.50	0.00023	(81122522)
364968.56	3766297.50	0.00016	(81042007)	364988.56	3766297.50	0.00015	(81101604)
365008.56	3766297.50	0.00014	(81021002)	365028.56	3766297.50	0.00015	(81101604)
365048.56	3766297.50	0.00015	(81111101)	365068.56	3766297.50	0.00015	(81101604)
365088.56	3766297.50	0.00015	(81111101)	365108.56	3766297.50	0.00014	(81071204)
365128.56	3766297.50	0.00014	(81031606)	365148.56	3766297.50	0.00014	(81031606)
365168.56	3766297.50	0.00013	(81031606)	365188.56	3766297.50	0.00013	(81031606)
365208.56	3766297.50	0.00013	(81022101)	364768.56	3766317.50	0.00024	(81012306)
365048.56	3766317.50	0.00016	(81091624)	365068.56	3766317.50	0.00017	(81021822)
365088.56	3766317.50	0.00018	(81011807)	365108.56	3766317.50	0.00016	(81031605)
365128.56	3766317.50	0.00017	(81022106)	365148.56	3766317.50	0.00016	(81121422)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** 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)
365168.56	3766317.50	0.00016	(81061505)	365188.56	3766317.50	0.00015	(81022601)
365208.56	3766317.50	0.00015	(81051006)	364768.56	3766337.50	0.00024	(81081505)
365128.56	3766337.50	0.00020	(81110622)	365148.56	3766337.50	0.00018	(81120902)
365168.56	3766337.50	0.00019	(81103120)	365188.56	3766337.50	0.00018	(81051003)
365208.56	3766337.50	0.00018	(81020620)	364768.56	3766357.50	0.00022	(81070606)
365208.56	3766357.50	0.00021	(81031106)	364768.56	3766377.50	0.00019	(81111619)
364788.56	3766377.50	0.00018	(81102806)	364808.56	3766377.50	0.00020	(81030120)
364828.56	3766377.50	0.00019	(81060501)	364848.56	3766377.50	0.00021	(81112524)
365208.56	3766377.50	0.00023	(81091703)	364768.56	3766397.50	0.00016	(81031608)
364788.56	3766397.50	0.00016	(81111902)	364808.56	3766397.50	0.00017	(81050807)
364828.56	3766397.50	0.00017	(81122919)	364848.56	3766397.50	0.00018	(81021603)
364868.56	3766397.50	0.00017	(81121903)	364888.56	3766397.50	0.00019	(81121903)
364908.56	3766397.50	0.00017	(81092305)	364928.56	3766397.50	0.00017	(81092305)
365208.56	3766397.50	0.00024	(81121404)	364768.56	3766417.50	0.00013	(81070801)
364788.56	3766417.50	0.00014	(81070801)	364808.56	3766417.50	0.00014	(81070801)
364828.56	3766417.50	0.00015	(81061202)	364848.56	3766417.50	0.00015	(81070724)
364868.56	3766417.50	0.00015	(81111205)	364888.56	3766417.50	0.00016	(81031222)
364908.56	3766417.50	0.00015	(81022323)	364928.56	3766417.50	0.00017	(81030124)
364948.56	3766417.50	0.00016	(81051007)	364968.56	3766417.50	0.00015	(81070403)
364988.56	3766417.50	0.00016	(81082502)	365008.56	3766417.50	0.00017	(81073022)
365208.56	3766417.50	0.00023	(81020220)	364768.56	3766437.50	0.00011	(81031806)
364788.56	3766437.50	0.00012	(81031806)	364808.56	3766437.50	0.00012	(81112705)
364828.56	3766437.50	0.00012	(81120319)	364848.56	3766437.50	0.00013	(81051302)
364868.56	3766437.50	0.00013	(81032521)	364888.56	3766437.50	0.00013	(81110523)
364908.56	3766437.50	0.00014	(81101808)	364928.56	3766437.50	0.00014	(81032521)
364948.56	3766437.50	0.00014	(81110523)	364968.56	3766437.50	0.00014	(81030406)
364988.56	3766437.50	0.00015	(81030318)	365008.56	3766437.50	0.00015	(81092601)
365028.56	3766437.50	0.00017	(81031718)	365048.56	3766437.50	0.00017	(81101102)
365068.56	3766437.50	0.00019	(81072207)	365088.56	3766437.50	0.00018	(81102023)
365188.56	3766437.50	0.00024	(81051922)	365208.56	3766437.50	0.00022	(81021321)
364768.56	3766457.50	0.00010	(81030406)	364788.56	3766457.50	0.00010	(81032208)
364808.56	3766457.50	0.00010	(81092521)	364828.56	3766457.50	0.00011	(81061823)
364848.56	3766457.50	0.00011	(81051621)	364868.56	3766457.50	0.00011	(81112905)
364888.56	3766457.50	0.00011	(81051304)	364908.56	3766457.50	0.00012	(81041903)
364928.56	3766457.50	0.00012	(81082422)	364948.56	3766457.50	0.00012	(81081921)
364968.56	3766457.50	0.00012	(81101905)	364988.56	3766457.50	0.00013	(81010918)
365008.56	3766457.50	0.00014	(81043024)	365028.56	3766457.50	0.00014	(81031104)
365048.56	3766457.50	0.00016	(81091802)	365068.56	3766457.50	0.00016	(81110319)
365088.56	3766457.50	0.00017	(81042120)	365108.56	3766457.50	0.00018	(81102723)
365128.56	3766457.50	0.00018	(81120901)	365148.56	3766457.50	0.00020	(81051620)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
 L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
 L0009112, L0009113, L0009114, L0009115, L0009116, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** 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)
365168.56	3766457.50	0.00020	(81081222)	365188.56	3766457.50	0.00022	(81032105)
365208.56	3766457.50	0.00021	(81032121)	364743.56	3766232.50	0.00018	(81070406)
364768.56	3766232.50	0.00018	(81030604)	364793.56	3766232.50	0.00017	(81111008)
364818.56	3766232.50	0.00016	(81101206)	364843.56	3766232.50	0.00015	(81122321)
364868.56	3766232.50	0.00014	(81011205)	364893.56	3766232.50	0.00013	(81122006)
364918.56	3766232.50	0.00012	(81040306)	364943.56	3766232.50	0.00012	(81011201)
364968.56	3766232.50	0.00011	(81012102)	364993.56	3766232.50	0.00010	(81020602)
365018.56	3766232.50	0.00010	(81011222)	365043.56	3766232.50	0.00010	(81020324)
365068.56	3766232.50	0.00009	(81101823)	365093.56	3766232.50	0.00009	(81101723)
365118.56	3766232.50	0.00009	(81111624)	365143.56	3766232.50	0.00009	(81052101)
365168.56	3766232.50	0.00009	(81101002)	365193.56	3766232.50	0.00009	(81050403)
365218.56	3766232.50	0.00008	(81030907)	365243.56	3766232.50	0.00008	(81080302)
364743.56	3766257.50	0.00022	(81021003)	365218.56	3766257.50	0.00010	(81122622)
365243.56	3766257.50	0.00009	(81050503)	364743.56	3766282.50	0.00025	(81042105)
365218.56	3766282.50	0.00011	(81012603)	365243.56	3766282.50	0.00011	(81120306)
364743.56	3766307.50	0.00026	(81111020)	365218.56	3766307.50	0.00013	(81060301)
365243.56	3766307.50	0.00013	(81050424)	364743.56	3766332.50	0.00026	(81081505)
365218.56	3766332.50	0.00016	(81021607)	365243.56	3766332.50	0.00016	(81050901)
364743.56	3766357.50	0.00021	(81010319)	365218.56	3766357.50	0.00020	(81082102)
365243.56	3766357.50	0.00020	(81050623)	364743.56	3766382.50	0.00018	(81080406)
365218.56	3766382.50	0.00022	(81010201)	365243.56	3766382.50	0.00023	(81020801)
364743.56	3766407.50	0.00014	(81022323)	365218.56	3766407.50	0.00022	(81030706)
365243.56	3766407.50	0.00025	(81022105)	364743.56	3766432.50	0.00012	(81040524)
365218.56	3766432.50	0.00023	(81040221)	365243.56	3766432.50	0.00024	(81082002)
364743.56	3766457.50	0.00010	(81032521)	365218.56	3766457.50	0.00024	(81100701)
365243.56	3766457.50	0.00022	(81040706)	364743.56	3766482.50	0.00009	(81030324)
364768.56	3766482.50	0.00009	(81082122)	364793.56	3766482.50	0.00009	(81010609)
364818.56	3766482.50	0.00009	(81041903)	364843.56	3766482.50	0.00009	(81081921)
364868.56	3766482.50	0.00010	(81010221)	364893.56	3766482.50	0.00010	(81092724)
364918.56	3766482.50	0.00010	(81041703)	364943.56	3766482.50	0.00010	(81121202)
364968.56	3766482.50	0.00010	(81022218)	364993.56	3766482.50	0.00011	(81081601)
365018.56	3766482.50	0.00012	(81010918)	365043.56	3766482.50	0.00012	(81071621)
365068.56	3766482.50	0.00013	(81090221)	365093.56	3766482.50	0.00014	(81081620)
365118.56	3766482.50	0.00015	(81061103)	365143.56	3766482.50	0.00016	(81071722)
365168.56	3766482.50	0.00018	(81010120)	365193.56	3766482.50	0.00018	(81060322)
365218.56	3766482.50	0.00020	(81071123)	365243.56	3766482.50	0.00019	(81010722)
364718.56	3766207.50	0.00015	(81011924)	364768.56	3766207.50	0.00014	(81101206)
364818.56	3766207.50	0.00013	(81011205)	364868.56	3766207.50	0.00011	(81110308)
364918.56	3766207.50	0.00010	(81022522)	364968.56	3766207.50	0.00009	(81020602)
365018.56	3766207.50	0.00009	(81050804)	365068.56	3766207.50	0.00008	(81101324)

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*** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
 L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
 L0009112, L0009113, L0009114, L0009115, L0009116, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** 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)
365118.56	3766207.50	0.00008	(81111908)	365168.56	3766207.50	0.00008	(81101704)
365218.56	3766207.50	0.00007	(81091306)	365268.56	3766207.50	0.00007	(81010921)
364718.56	3766257.50	0.00020	(81082024)	365268.56	3766257.50	0.00009	(81050123)
364718.56	3766307.50	0.00023	(81010206)	365268.56	3766307.50	0.00012	(81032705)
364718.56	3766357.50	0.00020	(81032802)	365268.56	3766357.50	0.00018	(81032621)
364718.56	3766407.50	0.00013	(81091322)	365268.56	3766407.50	0.00022	(81121919)
364718.56	3766457.50	0.00010	(81031804)	365268.56	3766457.50	0.00020	(81122508)
364718.56	3766507.50	0.00008	(81041903)	364768.56	3766507.50	0.00008	(81062501)
364818.56	3766507.50	0.00008	(81032523)	364868.56	3766507.50	0.00008	(81041305)
364918.56	3766507.50	0.00009	(81032806)	364968.56	3766507.50	0.00009	(81070522)
365018.56	3766507.50	0.00010	(81012301)	365068.56	3766507.50	0.00011	(81032922)
365118.56	3766507.50	0.00012	(81090620)	365168.56	3766507.50	0.00014	(81053122)
365218.56	3766507.50	0.00016	(81010202)	365268.56	3766507.50	0.00016	(81122424)
364668.56	3766157.50	0.00011	(81042007)	364743.56	3766157.50	0.00011	(81011203)
364818.56	3766157.50	0.00009	(81021002)	364893.56	3766157.50	0.00008	(81112922)
364968.56	3766157.50	0.00007	(81050804)	365043.56	3766157.50	0.00007	(81100802)
365118.56	3766157.50	0.00007	(81110305)	365193.56	3766157.50	0.00006	(81011222)
365268.56	3766157.50	0.00006	(81030802)	365343.56	3766157.50	0.00006	(81020701)
364668.56	3766232.50	0.00016	(81030308)	365268.56	3766232.50	0.00008	(81021605)
365343.56	3766232.50	0.00008	(81101421)	364668.56	3766307.50	0.00018	(81083103)
365268.56	3766307.50	0.00012	(81032705)	365343.56	3766307.50	0.00011	(81101702)
364668.56	3766382.50	0.00014	(81042107)	365268.56	3766382.50	0.00020	(81020106)
365343.56	3766382.50	0.00015	(81103022)	364668.56	3766457.50	0.00009	(81051302)
365268.56	3766457.50	0.00020	(81122508)	365343.56	3766457.50	0.00015	(81071902)
364668.56	3766532.50	0.00007	(81010708)	364743.56	3766532.50	0.00007	(81101123)
364818.56	3766532.50	0.00007	(81040623)	364893.56	3766532.50	0.00008	(81010318)
364968.56	3766532.50	0.00008	(81021219)	365043.56	3766532.50	0.00009	(81012605)
365118.56	3766532.50	0.00010	(81090904)	365193.56	3766532.50	0.00012	(81072824)
365268.56	3766532.50	0.00013	(81082724)	365343.56	3766532.50	0.00012	(81072424)
364568.56	3766057.50	0.00007	(81101206)	364668.56	3766057.50	0.00007	(81070401)
364768.56	3766057.50	0.00007	(81011905)	364868.56	3766057.50	0.00006	(81012024)
364968.56	3766057.50	0.00005	(81031205)	365068.56	3766057.50	0.00005	(81011602)
365168.56	3766057.50	0.00005	(81050406)	365268.56	3766057.50	0.00005	(81042707)
365368.56	3766057.50	0.00005	(81110923)	364568.56	3766157.50	0.00010	(81112923)
365368.56	3766157.50	0.00006	(81061422)	364568.56	3766257.50	0.00012	(81111022)
365368.56	3766257.50	0.00008	(81090301)	364568.56	3766357.50	0.00011	(81032802)
365368.56	3766357.50	0.00012	(81091907)	364568.56	3766457.50	0.00008	(81061202)
365368.56	3766457.50	0.00014	(81101906)	364568.56	3766557.50	0.00006	(81041903)
365368.56	3766557.50	0.00011	(81091807)	364568.56	3766657.50	0.00005	(81080407)
364668.56	3766657.50	0.00005	(81012307)	364768.56	3766657.50	0.00005	(81060503)

1 *** ISC3P - VERSION 04269 ***

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
 L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
 L0009112, L0009113, L0009114, L0009115, L0009116, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** 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)
364868.56	3766657.50	0.00005	(81020202)	364968.56	3766657.50	0.00005	(81032601)
365068.56	3766657.50	0.00006	(81101904)	365168.56	3766657.50	0.00006	(81052323)
365268.56	3766657.50	0.00007	(81081019)	365368.56	3766657.50	0.00008	(81012606)
364268.56	3765757.50	0.00003	(81040303)	364393.56	3765757.50	0.00004	(81022805)
364518.56	3765757.50	0.00004	(81052106)	364643.56	3765757.50	0.00004	(81031404)
364768.56	3765757.50	0.00003	(81111906)	364893.56	3765757.50	0.00003	(81122804)
365018.56	3765757.50	0.00003	(81122705)	365143.56	3765757.50	0.00003	(81121401)
365268.56	3765757.50	0.00003	(81012023)	365393.56	3765757.50	0.00003	(81111724)
365518.56	3765757.50	0.00003	(81050605)	365643.56	3765757.50	0.00003	(81013105)
365768.56	3765757.50	0.00003	(81010907)	364268.56	3765882.50	0.00004	(81111008)
364393.56	3765882.50	0.00004	(81110108)	364518.56	3765882.50	0.00005	(81112503)
364643.56	3765882.50	0.00005	(81112922)	364768.56	3765882.50	0.00004	(81050804)
364893.56	3765882.50	0.00004	(81020802)	365018.56	3765882.50	0.00004	(81121124)
365143.56	3765882.50	0.00004	(81010705)	365268.56	3765882.50	0.00003	(81020403)
365393.56	3765882.50	0.00003	(81101424)	365518.56	3765882.50	0.00003	(81082202)
365643.56	3765882.50	0.00003	(81061802)	365768.56	3765882.50	0.00003	(81101402)
364268.56	3766007.50	0.00005	(81042807)	364393.56	3766007.50	0.00006	(81040607)
364518.56	3766007.50	0.00006	(81122321)	364643.56	3766007.50	0.00006	(81040306)
364768.56	3766007.50	0.00006	(81120407)	364893.56	3766007.50	0.00005	(81111906)
365018.56	3766007.50	0.00005	(81020321)	365143.56	3766007.50	0.00004	(81010707)
365268.56	3766007.50	0.00004	(81111803)	365393.56	3766007.50	0.00004	(81031603)
365518.56	3766007.50	0.00004	(81020324)	365643.56	3766007.50	0.00004	(81061422)
365768.56	3766007.50	0.00003	(81021407)	364268.56	3766132.50	0.00005	(81020723)
364393.56	3766132.50	0.00007	(81042822)	364518.56	3766132.50	0.00008	(81112923)
365518.56	3766132.50	0.00005	(81080302)	365643.56	3766132.50	0.00004	(81071805)
365768.56	3766132.50	0.00004	(81100401)	364268.56	3766257.50	0.00006	(81081922)
364393.56	3766257.50	0.00007	(81100406)	364518.56	3766257.50	0.00010	(81111020)
365518.56	3766257.50	0.00007	(81022601)	365643.56	3766257.50	0.00005	(81092503)
365768.56	3766257.50	0.00005	(81042003)	364268.56	3766382.50	0.00005	(81092922)
364393.56	3766382.50	0.00007	(81080307)	364518.56	3766382.50	0.00009	(81100820)
365518.56	3766382.50	0.00008	(81111924)	365643.56	3766382.50	0.00006	(81051702)
365768.56	3766382.50	0.00005	(81050405)	364268.56	3766507.50	0.00005	(81092823)
364393.56	3766507.50	0.00006	(81061202)	364518.56	3766507.50	0.00006	(81122807)
365518.56	3766507.50	0.00009	(81082002)	365643.56	3766507.50	0.00006	(81033022)
365768.56	3766507.50	0.00005	(81122907)	364268.56	3766632.50	0.00004	(81123106)
364393.56	3766632.50	0.00004	(81010609)	364518.56	3766632.50	0.00005	(81092223)
365518.56	3766632.50	0.00007	(81113006)	365643.56	3766632.50	0.00006	(81081020)
365768.56	3766632.50	0.00005	(81020320)	364268.56	3766757.50	0.00003	(81011618)
364393.56	3766757.50	0.00004	(81070323)	364518.56	3766757.50	0.00004	(81012307)
364643.56	3766757.50	0.00004	(81110120)	364768.56	3766757.50	0.00004	(81122401)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** 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)
364893.56	3766757.50	0.00004	(81062923)	365018.56	3766757.50	0.00004	(81052621)
365143.56	3766757.50	0.00005	(81081407)	365268.56	3766757.50	0.00005	(81110304)
365393.56	3766757.50	0.00006	(81011317)	365518.56	3766757.50	0.00005	(81070303)
365643.56	3766757.50	0.00005	(81051821)	365768.56	3766757.50	0.00004	(81030819)
364268.56	3766882.50	0.00003	(81022308)	364393.56	3766882.50	0.00003	(81033107)
364518.56	3766882.50	0.00003	(81040621)	364643.56	3766882.50	0.00003	(81031407)
364768.56	3766882.50	0.00003	(81102024)	364893.56	3766882.50	0.00003	(81040421)
365018.56	3766882.50	0.00004	(81072401)	365143.56	3766882.50	0.00004	(81041522)
365268.56	3766882.50	0.00004	(81110719)	365393.56	3766882.50	0.00004	(81051320)
365518.56	3766882.50	0.00004	(81032919)	365643.56	3766882.50	0.00004	(81053122)
365768.56	3766882.50	0.00004	(81091120)	364268.56	3767007.50	0.00003	(81112424)
364393.56	3767007.50	0.00003	(81110120)	364518.56	3767007.50	0.00003	(81012003)
364643.56	3767007.50	0.00003	(81042923)	364768.56	3767007.50	0.00003	(81041101)
364893.56	3767007.50	0.00003	(81121704)	365018.56	3767007.50	0.00003	(81102201)
365143.56	3767007.50	0.00003	(81112604)	365268.56	3767007.50	0.00003	(81120618)
365393.56	3767007.50	0.00003	(81011922)	365518.56	3767007.50	0.00003	(81091321)
365643.56	3767007.50	0.00003	(81102221)	365768.56	3767007.50	0.00003	(81081405)
364787.78	3766259.50	0.00021	(81112923)	365206.84	3766357.75	0.00021	(81031821)
365180.28	3766456.25	0.00022	(81020424)	364769.34	3766358.25	0.00022	(81070606)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** 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)
365195.56	3766329.25	0.00014c	(81110208)	365046.69	3766293.00	0.00013c	(81110208)
364925.03	3766265.00	0.00013	(81011208)	364810.06	3766234.50	0.00010	(81011208)
365230.94	3766352.75	0.00015c	(81110208)	365358.03	3766388.00	0.00009	(81032624)
365384.34	3766356.75	0.00007	(81032624)	365410.66	3766309.75	0.00005c	(81110208)
365214.22	3766258.25	0.00008c	(81110208)	365061.88	3766221.00	0.00007c	(81101724)
364950.50	3766192.75	0.00007c	(81122324)	364851.97	3766170.25	0.00005	(81011208)
364936.41	3766071.00	0.00004	(81122224)	365000.66	3766093.75	0.00004	(81122224)
365093.69	3766117.00	0.00004c	(81101508)	365250.94	3766158.50	0.00004	(81011224)
365455.34	3766211.75	0.00004c	(81110208)	364768.56	3766257.50	0.00011	(81030608)
364788.56	3766257.50	0.00011	(81030608)	364808.56	3766257.50	0.00011	(81011208)
364828.56	3766257.50	0.00012	(81011208)	364848.56	3766257.50	0.00012	(81011208)
364868.56	3766257.50	0.00012	(81011208)	364888.56	3766257.50	0.00013	(81011208)
364908.56	3766257.50	0.00012	(81011208)	364928.56	3766257.50	0.00012	(81011208)
364948.56	3766257.50	0.00011c	(81122324)	364968.56	3766257.50	0.00011c	(81122324)
364988.56	3766257.50	0.00010c	(81122324)	365008.56	3766257.50	0.00010c	(81122324)
365028.56	3766257.50	0.00009c	(81122324)	365048.56	3766257.50	0.00009c	(81110208)
365068.56	3766257.50	0.00009c	(81110208)	365088.56	3766257.50	0.00009c	(81110208)
365108.56	3766257.50	0.00009c	(81110208)	365128.56	3766257.50	0.00009c	(81110208)
365148.56	3766257.50	0.00008c	(81110208)	365168.56	3766257.50	0.00008c	(81110208)

365188.56 3766257.50 0.00008c (81110208) Codemo.POU.txt 365208.56 3766257.50 0.00008c (81110208)
364768.56 3766277.50 0.00012 (81030608) 364868.56 3766277.50 0.00013 (81011208)
364888.56 3766277.50 0.00013 (81011208) 364908.56 3766277.50 0.00013 (81011208)
364928.56 3766277.50 0.00012 (81011208) 364948.56 3766277.50 0.00012 (81011208)
364968.56 3766277.50 0.00012c (81122324) 364988.56 3766277.50 0.00012 (81011208)
365008.56 3766277.50 0.00012c (81110208) 365028.56 3766277.50 0.00011c (81110208)
365048.56 3766277.50 0.00011c (81110208) 365068.56 3766277.50 0.00011c (81110208)
365088.56 3766277.50 0.00011c (81110208) 365108.56 3766277.50 0.00010c (81110208)
365128.56 3766277.50 0.00010c (81110208) 365148.56 3766277.50 0.00010c (81110208)
365168.56 3766277.50 0.00010c (81110208) 365188.56 3766277.50 0.00010c (81110208)
365208.56 3766277.50 0.00009c (81110208) 364768.56 3766297.50 0.00012c (81012908)
364968.56 3766297.50 0.00012 (81011208) 364988.56 3766297.50 0.00013c (81110208)
365008.56 3766297.50 0.00012c (81110208) 365028.56 3766297.50 0.00013c (81110208)
365048.56 3766297.50 0.00013c (81110208) 365068.56 3766297.50 0.00013c (81110208)
365088.56 3766297.50 0.00013c (81110208) 365108.56 3766297.50 0.00013c (81110208)
365128.56 3766297.50 0.00012c (81110208) 365148.56 3766297.50 0.00012c (81110208)
365168.56 3766297.50 0.00012c (81110208) 365188.56 3766297.50 0.00011c (81110208)
365208.56 3766297.50 0.00011c (81110208) 364768.56 3766317.50 0.00013c (81012908)
365048.56 3766317.50 0.00013c (81110208) 365068.56 3766317.50 0.00014c (81110208)
365088.56 3766317.50 0.00014c (81110208) 365108.56 3766317.50 0.00013c (81110208)
365128.56 3766317.50 0.00014c (81110208) 365148.56 3766317.50 0.00014c (81110208)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

*** MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 29

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,
*** 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)
365168.56	3766317.50	0.00014c	(81110208)	365188.56	3766317.50	0.00013c	(81110208)
365208.56	3766317.50	0.00013c	(81110208)	364768.56	3766337.50	0.00014 (81030108)	
365128.56	3766337.50	0.00014c	(81110208)	365148.56	3766337.50	0.00014c (81110208)	
365168.56	3766337.50	0.00014c	(81110208)	365188.56	3766337.50	0.00014c (81110208)	
365208.56	3766337.50	0.00014c	(81110208)	364768.56	3766357.50	0.00014 (81030108)	
365208.56	3766357.50	0.00014c	(81110208)	364768.56	3766377.50	0.00013c (81123108)	
364788.56	3766377.50	0.00012c	(81123108)	364808.56	3766377.50	0.00014 (81030108)	
364828.56	3766377.50	0.00013 (81030108)		364848.56	3766377.50	0.00014 (81030108)	
365208.56	3766377.50	0.00015 (81032624)		364768.56	3766397.50	0.00012c (81123108)	
364788.56	3766397.50	0.00013c (81123108)		364808.56	3766397.50	0.00013c (81123108)	
364828.56	3766397.50	0.00013c (81123108)		364848.56	3766397.50	0.00013c (81123108)	
364868.56	3766397.50	0.00012c (81123108)		364888.56	3766397.50	0.00013c (81123108)	
364908.56	3766397.50	0.00012c (81010308)		364928.56	3766397.50	0.00013c (81010308)	
365208.56	3766397.50	0.00015 (81032624)		364768.56	3766417.50	0.00011c (81123108)	
364788.56	3766417.50	0.00011c (81123108)		364808.56	3766417.50	0.00011c (81123108)	
364828.56	3766417.50	0.00012c (81123108)		364848.56	3766417.50	0.00012c (81123108)	
364868.56	3766417.50	0.00012c (81123108)		364888.56	3766417.50	0.00012c (81123108)	
364908.56	3766417.50	0.00012c (81022324)		364928.56	3766417.50	0.00013c (81123108)	
364948.56	3766417.50	0.00012c (81022324)		364968.56	3766417.50	0.00012c (81090624)	
364988.56	3766417.50	0.00013c (81010308)		365008.56	3766417.50	0.00013c (81051924)	
365208.56	3766417.50	0.00014c (81122108)		364768.56	3766437.50	0.00009c (81123108)	
364788.56	3766437.50	0.00009c (81123108)		364808.56	3766437.50	0.00010c (81123108)	
364828.56	3766437.50	0.00010c (81123108)		364848.56	3766437.50	0.00010c (81123108)	
364868.56	3766437.50	0.00010c (81123108)		364888.56	3766437.50	0.00011c (81123108)	
364908.56	3766437.50	0.00011 (81030408)		364928.56	3766437.50	0.00011 (81030408)	
364948.56	3766437.50	0.00011c (81030324)		364968.56	3766437.50	0.00012 (81031524)	
364988.56	3766437.50	0.00012c (81032924)		365008.56	3766437.50	0.00012c (81090624)	
365028.56	3766437.50	0.00013c (81090624)		365048.56	3766437.50	0.00013c (81051924)	
365068.56	3766437.50	0.00015c (81051924)		365088.56	3766437.50	0.00014c (81051924)	
365188.56	3766437.50	0.00016c (81051924)		365208.56	3766437.50	0.00014c (81051924)	
364768.56	3766457.50	0.00008c (81123108)		364788.56	3766457.50	0.00008c (81123108)	
364808.56	3766457.50	0.00008c (81123108)		364828.56	3766457.50	0.00008c (81123108)	
364848.56	3766457.50	0.00009 (81030408)		364868.56	3766457.50	0.00009 (81030408)	
364888.56	3766457.50	0.00009 (81030408)		364908.56	3766457.50	0.00009 (81021424)	
364928.56	3766457.50	0.00010 (81021424)		364948.56	3766457.50	0.00010 (81021424)	
364968.56	3766457.50	0.00010 (81021424)		364988.56	3766457.50	0.00011 (81031524)	
365008.56	3766457.50	0.00012 (81031524)		365028.56	3766457.50	0.00012 (81031524)	
365048.56	3766457.50	0.00013 (81031524)		365068.56	3766457.50	0.00013c (81090624)	
365088.56	3766457.50	0.00013c (81090624)		365108.56	3766457.50	0.00014c (81090624)	
365128.56	3766457.50	0.00014c (81051924)		365148.56	3766457.50	0.00015c (81051924)	

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*** MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 30

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,
*** 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)
365168.56	3766457.50	0.00015c (81051924)		365188.56	3766457.50	0.00016c (81051924)	
365208.56	3766457.50	0.00015c (81051924)		364743.56	3766232.50	0.00009 (81030608)	
364768.56	3766232.50	0.00010 (81011208)		364793.56	3766232.50	0.00009 (81011208)	
364818.56	3766232.50	0.00010 (81011208)		364843.56	3766232.50	0.00010 (81011208)	
364868.56	3766232.50	0.00010 (81011208)		364893.56	3766232.50	0.00010 (81011208)	
364918.56	3766232.50	0.00010 (81011208)		364943.56	3766232.50	0.00009c (81122324)	
364968.56	3766232.50	0.00009c (81122324)		364993.56	3766232.50	0.00008c (81122324)	
365018.56	3766232.50	0.00008c (81122324)		365043.56	3766232.50	0.00008c (81101724)	
365068.56	3766232.50	0.00008c (81101724)		365093.56	3766232.50	0.00007c (81101724)	
365118.56	3766232.50	0.00007c (81101724)		365143.56	3766232.50	0.00007c (81101724)	
365168.56	3766232.50	0.00007c (81110208)		365193.56	3766232.50	0.00007c (81110208)	
365218.56	3766232.50	0.00007c (81110208)		365243.56	3766232.50	0.00007c (81110208)	
364743.56	3766257.50	0.00012 (81030608)		365218.56	3766257.50	0.00008c (81110208)	
365243.56	3766257.50	0.00008c (81110208)		364743.56	3766282.50	0.00013 (81030608)	
365218.56	3766282.50	0.00010c (81110208)		365243.56	3766282.50	0.00009c (81110208)	
364743.56	3766307.50	0.00014c (81012908)		365218.56	3766307.50	0.00012c (81110208)	
365243.56	3766307.50	0.00011c (81110208)		364743.56	3766332.50	0.00015 (81030108)	
365218.56	3766332.50	0.00014c (81110208)		365243.56	3766332.50	0.00013c (81110208)	
364743.56	3766357.50	0.00014 (81030108)		365218.56	3766357.50	0.00014c (81110208)	
365243.56	3766357.50	0.00014c (81110208)		364743.56	3766382.50	0.00012c (81123108)	
365218.56	3766382.50	0.00015c (81010624)		365243.56	3766382.50	0.00016 (81032624)	
364743.56	3766407.50	0.00011c (81123108)		365218.56	3766407.50	0.00014 (81032624)	
365243.56	3766407.50	0.00015 (81032624)		364743.56	3766432.50	0.00009c (81123108)	
365218.56	3766432.50	0.00014c (81051924)		365243.56	3766432.50	0.00014c (81122108)	
364743.56	3766457.50	0.00008c (81123108)		365218.56	3766457.50	0.00017c (81051924)	

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365243.56 3766457.50 0.00014c (81051924) Codemo.POU.txt 364743.56 3766482.50 0.00007c (81123108)
364768.56 3766482.50 0.00007c (81123108) 364793.56 3766482.50 0.00007c (81123108)
364818.56 3766482.50 0.00007c (81030408) 364843.56 3766482.50 0.00007c (81030408)
364868.56 3766482.50 0.00007c (81030408) 364893.56 3766482.50 0.00008c (81021424)
364918.56 3766482.50 0.00008c (81021424) 364943.56 3766482.50 0.00009c (81021424)
364968.56 3766482.50 0.00009c (81021424) 364993.56 3766482.50 0.00009c (81021424)
365018.56 3766482.50 0.00010c (81031524) 365043.56 3766482.50 0.00010c (81031524)
365068.56 3766482.50 0.00011c (81031524) 365093.56 3766482.50 0.00011c (81031524)
365118.56 3766482.50 0.00012c (81090624) 365143.56 3766482.50 0.00013c (81090624)
365168.56 3766482.50 0.00014c (81090624) 365193.56 3766482.50 0.00014c (81051924)
365218.56 3766482.50 0.00015c (81051924) 365243.56 3766482.50 0.00013c (81051924)
364718.56 3766207.50 0.00007c (81030608) 364768.56 3766207.50 0.00008c (81011208)
364818.56 3766207.50 0.00008c (81011208) 364868.56 3766207.50 0.00008c (81011208)
364918.56 3766207.50 0.00008c (81011208) 364968.56 3766207.50 0.00007c (81122324)
365018.56 3766207.50 0.00007c (81101508) 365068.56 3766207.50 0.00007c (81101724)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365118.56	3766207.50	0.00006c	(81101724)	365168.56	3766207.50	0.00006c	(81101724)
365218.56	3766207.50	0.00006c	(81110208)	365268.56	3766207.50	0.00005c	(81110208)
364718.56	3766257.50	0.00010c	(81030608)	365268.56	3766257.50	0.00007c	(81110208)
364718.56	3766307.50	0.00012c	(81012908)	365268.56	3766307.50	0.00010c	(81110208)
364718.56	3766357.50	0.00013c	(81030108)	365268.56	3766357.50	0.00011c	(81050908)
364718.56	3766407.50	0.00010c	(81123108)	365268.56	3766407.50	0.00013c	(81032624)
364718.56	3766457.50	0.00007c	(81123108)	365268.56	3766457.50	0.00011c	(81051924)
364718.56	3766507.50	0.00005c	(81123108)	364768.56	3766507.50	0.00005c	(81123108)
364818.56	3766507.50	0.00006c	(81030408)	364868.56	3766507.50	0.00006c	(81030408)
364918.56	3766507.50	0.00007c	(81021424)	364968.56	3766507.50	0.00008c	(81021424)
365018.56	3766507.50	0.00008c	(81031524)	365068.56	3766507.50	0.00009c	(81031524)
365118.56	3766507.50	0.00010c	(81032924)	365168.56	3766507.50	0.00011c	(81090624)
365218.56	3766507.50	0.00012c	(81090624)	365268.56	3766507.50	0.00011c	(81051924)
364668.56	3766157.50	0.00005c	(81011208)	364743.56	3766157.50	0.00005c	(81011208)
364818.56	3766157.50	0.00005c	(81011208)	364893.56	3766157.50	0.00005c	(81122224)
364968.56	3766157.50	0.00005c	(81122224)	365043.56	3766157.50	0.00005c	(81101508)
365118.56	3766157.50	0.00005c	(81101508)	365193.56	3766157.50	0.00005c	(81101724)
365268.56	3766157.50	0.00004c	(81011224)	365343.56	3766157.50	0.00004c	(81110208)
364668.56	3766232.50	0.00007c	(81030608)	365268.56	3766232.50	0.00006c	(81110208)
365343.56	3766232.50	0.00005c	(81110208)	364668.56	3766307.50	0.00009c	(81012908)
365268.56	3766307.50	0.00010c	(81110208)	365343.56	3766307.50	0.00007c	(81110208)
364668.56	3766382.50	0.00009c	(81030108)	365268.56	3766382.50	0.00013c	(81032624)
365343.56	3766382.50	0.00009c	(81032624)	364668.56	3766457.50	0.00006c	(81123108)
365268.56	3766457.50	0.00011c	(81051924)	365343.56	3766457.50	0.00007c	(81122108)
364668.56	3766532.50	0.00004c	(81123108)	364743.56	3766532.50	0.00005c	(81102108)
364818.56	3766532.50	0.00005c	(81102108)	364893.56	3766532.50	0.00006c	(81021424)
364968.56	3766532.50	0.00006c	(81021424)	365043.56	3766532.50	0.00007c	(81031524)
365118.56	3766532.50	0.00008c	(81032924)	365193.56	3766532.50	0.00009c	(81032924)
365268.56	3766532.50	0.00009c	(81101108)	365343.56	3766532.50	0.00007c	(81031424)
364568.56	3766057.50	0.00003c	(81011208)	364668.56	3766057.50	0.00004c	(81011208)
364768.56	3766057.50	0.00003c	(81011208)	364868.56	3766057.50	0.00003c	(81020808)
364968.56	3766057.50	0.00004c	(81122224)	365068.56	3766057.50	0.00004c	(81122224)
365168.56	3766057.50	0.00004c	(81122224)	365268.56	3766057.50	0.00003c	(81103008)
365368.56	3766057.50	0.00003c	(81100508)	364568.56	3766157.50	0.00004c	(81030608)
365368.56	3766157.50	0.00004c	(81080308)	364568.56	3766257.50	0.00005c	(81012908)
365368.56	3766257.50	0.00005c	(81110208)	364568.56	3766357.50	0.00007c	(81030108)
365368.56	3766357.50	0.00007c	(81032624)	364568.56	3766457.50	0.00004c	(81123108)
365368.56	3766457.50	0.00006c	(81122108)	364568.56	3766557.50	0.00003c	(81123108)
365368.56	3766557.50	0.00006c	(81101108)	364568.56	3766657.50	0.00003c	(81102108)
364668.56	3766557.50	0.00003c	(81102108)	364768.56	3766657.50	0.00003c	(81112424)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364868.56	3766657.50	0.00003c	(81112424)	364968.56	3766657.50	0.00003c	(81021408)
365068.56	3766657.50	0.00003c	(81021424)	365168.56	3766657.50	0.00005c	(81050224)
365268.56	3766657.50	0.00005c	(81050224)	365368.56	3766657.50	0.00004c	(81090624)
364268.56	3765757.50	0.00001c	(81011208)	364393.56	3765757.50	0.00002c	(81011208)
364518.56	3765757.50	0.00001c	(81011208)	364643.56	3765757.50	0.00001c	(81020808)
364768.56	3765757.50	0.00001c	(81020808)	364893.56	3765757.50	0.00001c	(81020808)
365018.56	3765757.50	0.00002c	(81122224)	365143.56	3765757.50	0.00002c	(81122224)
365268.56	3765757.50	0.00002c	(81103008)	365393.56	3765757.50	0.00002c	(81103008)
365518.56	3765757.50	0.00001c	(81100508)	365643.56	3765757.50	0.00001c	(81122324)
365768.56	3765757.50	0.00001c	(81122324)	364268.56	3765882.50	0.00001c	(81030608)
364393.56	3765882.50	0.00002c	(81011208)	364518.56	3765882.50	0.00002c	(81011208)
364643.56	3765882.50	0.00001c	(81011208)	364768.56	3765882.50	0.00002c	(81020808)
364893.56	3765882.50	0.00002c	(81020808)	365018.56	3765882.50	0.00002c	(81122224)
365143.56	3765882.50	0.00003c	(81122224)	365268.56	3765882.50	0.00002c	(81103008)
365393.56	3765882.50	0.00002c	(81100508)	365518.56	3765882.50	0.00002c	(81100508)
365643.56	3765882.50	0.00001c	(81122324)	365768.56	3765882.50	0.00001c	(81110208)
364268.56	3766007.50	0.00001c	(81112924)	364393.56	3766007.50	0.00002c	(81030608)
364518.56	3766007.50	0.00003c	(81011208)	364643.56	3766007.50	0.00003c	(81011208)
364768.56	3766007.50	0.00002c	(81020808)	364893.56	3766007.50	0.00002c	(81020808)
365018.56	3766007.50	0.00003c	(81122224)	365143.56	3766007.50	0.00003c	(81122224)
365268.56	3766007.50	0.00003c	(81103008)	365393.56	3766007.50	0.00003c	(81100508)
365518.56	3766007.50	0.00002c	(81080308)	365643.56	3766007.50	0.00002c	(81110208)
365768.56	3766007.50	0.00002c	(81110208)	364268.56	3766132.50	0.00002c	(81030208)
364393.56	3766132.50	0.00002c	(81112924)	364518.56	3766132.50	0.00003c	(81030608)
364518.56	3766132.50	0.00003c	(81110208)	365643.56	3766132.50	0.00002c	(81110208)
365768.56	3766132.50	0.00001c	(81110208)	364268.56	3766257.50	0.00002c	(81012908)
364393.56	3766257.50	0.00003c	(81012908)	364518.56	3766257.50	0.00005c	(81012908)
365518.56	3766257.50	0.00003c	(81110208)	365643.56	3766257.50	0.00002c	(81071808)
365768.56	3766257.50	0.00002c	(81071808)	364268.56	3766382.50	0.00003c	(81030108)
364393.56	3766382.50	0.00004c	(81030108)	364518.56	3766382.50	0.00006c	(81030108)
365518.56	3766382.50	0.00005c	(81032624)	365643.56	3766382.50	0.00004c	(81032624)

365768.56 3766382.50 0.00003 (81032624) Codemo.POU.txt 364268.56 3766507.50 0.00002 (81030108)
364393.56 3766507.50 0.00003c (81123108) 364518.56 3766507.50 0.00003c (81123108)
365518.56 3766507.50 0.00003c (81020424) 365643.56 3766507.50 0.00002c (81012608)
365768.56 3766507.50 0.00002c (81122108) 364268.56 3766632.50 0.00002c (81123108)
364393.56 3766632.50 0.00002c (81083108) 364518.56 3766632.50 0.00002c (81102108)
365518.56 3766632.50 0.00004c (81031424) 365643.56 3766632.50 0.00003c (81031424)
365768.56 3766632.50 0.00002c (81020424) 364268.56 3766757.50 0.00001c (81081108)
364393.56 3766757.50 0.00002c (81081108) 364518.56 3766757.50 0.00002c (81102108)
364643.56 3766757.50 0.00002c (81102108) 364768.56 3766757.50 0.00002c (81112424)
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** 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)
364893.56	3766757.50	0.00002c	(81021408)	365018.56	3766757.50	0.00002c	(81021408)
365143.56	3766757.50	0.00003c	(81050224)	365268.56	3766757.50	0.00004c	(81050224)
365393.56	3766757.50	0.00003c	(81050224)	365518.56	3766757.50	0.00003c	(81080824)
365643.56	3766757.50	0.00003c	(81101108)	365768.56	3766757.50	0.00002c	(81031424)
364268.56	3766882.50	0.00001c	(81081108)	364393.56	3766882.50	0.00001c	(81081108)
364518.56	3766882.50	0.00001c	(81102108)	364643.56	3766882.50	0.00001	(81021724)
364768.56	3766882.50	0.00001	(81021724)	364893.56	3766882.50	0.00001c	(81121708)
365018.56	3766882.50	0.00002c	(81020308)	365143.56	3766882.50	0.00002c	(81020308)
365268.56	3766882.50	0.00002c	(81050224)	365393.56	3766882.50	0.00002c	(81050224)
365518.56	3766882.50	0.00002c	(81032924)	365643.56	3766882.50	0.00002c	(81080824)
365768.56	3766882.50	0.00002c	(81080824)	364268.56	3767007.50	0.00001c	(81081108)
364393.56	3767007.50	0.00001c	(81102108)	364518.56	3767007.50	0.00001	(81021724)
364643.56	3767007.50	0.00001	(81021724)	364768.56	3767007.50	0.00001	(81021724)
364893.56	3767007.50	0.00001c	(81121708)	365018.56	3767007.50	0.00001c	(81020308)
365143.56	3767007.50	0.00001c	(81020308)	365268.56	3767007.50	0.00001c	(81032824)
365393.56	3767007.50	0.00002c	(81050224)	365518.56	3767007.50	0.00002c	(81050224)
365643.56	3767007.50	0.00002c	(81032924)	365768.56	3767007.50	0.00001c	(81080824)
364787.78	3766259.50	0.00011	(81030608)	365206.84	3766357.75	0.00014c	(81110208)
365180.28	3766456.25	0.00017c	(81051924)	364769.34	3766358.25	0.00014	(81030108)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.00006 AT (365068.56, 3766437.50, 0.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.00006 AT (365008.56, 3766417.50, 0.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.00006 AT (365028.56, 3766437.50, 0.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00006 AT (364928.56, 3766397.50, 0.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00006 AT (365048.56, 3766437.50, 0.00, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00006 AT (364988.56, 3766417.50, 0.00, 0.00)	DC	NA

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

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

PAGE 35

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

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.00026 ON 81111020:	AT (364743.56, 3766307.50, 0.00, 0.00)	DC	NA

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

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

PAGE 36

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.00017c ON 81051924:	AT (365218.56, 3766457.50, 0.00, 0.00)	DC	NA

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

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DFAULT Codemo.POU.txt

*** Message Summary : ISC3P Model Execution ***

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

A Total of	0	Fatal Error Message(s)
A Total of	0	Warning Message(s)
A Total of	1673	Informational Message(s)
A Total of	1673	Calm Hours Identified

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

***** WARNING MESSAGES *****
*** NONE ***

*** ISC3P Finishes Successfully ***

NO2

```

**
*****
**
** ISC-PRIME Input Produced by:
** AERMOD View Ver. 6.0.0
** Lakes Environmental Software Inc.
** Date: 8/31/2009
** File: C:\AERMOD Projects\EXPO\Expo LST\ISC3 runs\Demo\NOx\NOxDemo.PIN
**
*****
**
**
*****
** ISC-PRIME Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc
  MODELOPT DFAULT CONC URBAN
  AVERTIME 1 ANNUAL
  POLLUTID NOX
  TERRHGTs FLAT
  RUNORNOT RUN
CO FINISHED
**
*****
** ISC-PRIME Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE1
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.42E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364785.07, 3766272.26, 0.00, 5.00, 0.0
** 365204.52, 3766371.86, 0.00, 5.00, 17.38
** -----
** LOCATION L0009033 VOLUME 364794.793 3766274.558
** LOCATION L0009034 VOLUME 364831.157 3766283.184
** LOCATION L0009035 VOLUME 364867.521 3766291.810
** LOCATION L0009036 VOLUME 364903.886 3766300.435
** LOCATION L0009037 VOLUME 364940.250 3766309.061
** LOCATION L0009038 VOLUME 364976.615 3766317.687
** LOCATION L0009039 VOLUME 365012.979 3766326.313
** LOCATION L0009040 VOLUME 365049.344 3766334.939
** LOCATION L0009041 VOLUME 365085.708 3766343.565
** LOCATION L0009042 VOLUME 365122.072 3766352.190
** LOCATION L0009043 VOLUME 365158.437 3766360.816
** LOCATION L0009044 VOLUME 365194.801 3766369.442
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE2
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.42E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364781.36, 3766292.87, 0.00, 5.00, 0.0
** 365201.75, 3766392.48, 0.00, 5.00, 17.42
** -----
** LOCATION L0009045 VOLUME 364791.105 3766295.059
** LOCATION L0009046 VOLUME 364827.552 3766303.707
** LOCATION L0009047 VOLUME 364863.999 3766312.356
** LOCATION L0009048 VOLUME 364900.445 3766321.004
** LOCATION L0009049 VOLUME 364936.892 3766329.652
** LOCATION L0009050 VOLUME 364973.339 3766338.301
** LOCATION L0009051 VOLUME 365009.786 3766346.949
** LOCATION L0009052 VOLUME 365046.233 3766355.598
** LOCATION L0009053 VOLUME 365082.680 3766364.246
** LOCATION L0009054 VOLUME 365119.126 3766372.894
** LOCATION L0009055 VOLUME 365155.573 3766381.543
** LOCATION L0009056 VOLUME 365192.020 3766390.191
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE3
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.42E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364778.52, 3766312.48, 0.00, 5.00, 0.0
** 365197.51, 3766411.14, 0.00, 5.00, 17.36
** -----
** LOCATION L0009057 VOLUME 364788.265 3766314.794
** LOCATION L0009058 VOLUME 364824.583 3766323.354
** LOCATION L0009059 VOLUME 364860.901 3766331.914
** LOCATION L0009060 VOLUME 364897.220 3766340.475
** LOCATION L0009061 VOLUME 364933.538 3766349.035
** LOCATION L0009062 VOLUME 364969.856 3766357.595
** LOCATION L0009063 VOLUME 365006.175 3766366.155
** LOCATION L0009064 VOLUME 365042.493 3766374.715
** LOCATION L0009065 VOLUME 365078.812 3766383.275
** LOCATION L0009066 VOLUME 365115.130 3766391.836
** LOCATION L0009067 VOLUME 365151.448 3766400.396
** LOCATION L0009068 VOLUME 365187.767 3766408.956
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE4
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.42E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2

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** 364774.31, 3766331.61, 0.00, 5.00, 0.0
** 365193.30, 3766430.75, 0.00, 5.00, 17.36
**
-----
LOCATION L0009069 VOLUME 364784.043 3766333.805
LOCATION L0009070 VOLUME 364820.362 3766342.409
LOCATION L0009071 VOLUME 364856.681 3766351.012
LOCATION L0009072 VOLUME 364893.000 3766359.616
LOCATION L0009073 VOLUME 364929.319 3766368.220
LOCATION L0009074 VOLUME 364965.637 3766376.823
LOCATION L0009075 VOLUME 365001.956 3766385.427
LOCATION L0009076 VOLUME 365038.275 3766394.030
LOCATION L0009077 VOLUME 365074.594 3766402.634
LOCATION L0009078 VOLUME 365110.913 3766411.238
LOCATION L0009079 VOLUME 365147.232 3766419.841
LOCATION L0009080 VOLUME 365183.551 3766428.445
** End of Line Source
** Line Source represented by Separated Volume Sources
**
-----
LINE Source ID = SLINES
DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.42E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364771.54, 3766348.80, 0.00, 5.00, 0.0
** 365190.53, 3766448.40, 0.00, 5.00, 17.37
**
-----
LOCATION L0009081 VOLUME 364781.259 3766351.066
LOCATION L0009082 VOLUME 364817.582 3766359.713
LOCATION L0009083 VOLUME 364853.904 3766368.360
LOCATION L0009084 VOLUME 364890.226 3766377.007
LOCATION L0009085 VOLUME 364926.548 3766385.654
LOCATION L0009086 VOLUME 364962.870 3766394.301
LOCATION L0009087 VOLUME 364999.192 3766402.949
LOCATION L0009088 VOLUME 365035.514 3766411.596
LOCATION L0009089 VOLUME 365071.837 3766420.243
LOCATION L0009090 VOLUME 365108.159 3766428.890
LOCATION L0009091 VOLUME 365144.481 3766437.537
LOCATION L0009092 VOLUME 365180.803 3766446.184
** End of Line Source
** Source Parameters **
SRCPARAM L0009033 2.0167E-08 5.00 17.38 2.33
SRCPARAM L0009034 2.0167E-08 5.00 17.38 2.33
SRCPARAM L0009035 2.0167E-08 5.00 17.38 2.33
SRCPARAM L0009036 2.0167E-08 5.00 17.38 2.33
SRCPARAM L0009037 2.0167E-08 5.00 17.38 2.33
SRCPARAM L0009038 2.0167E-08 5.00 17.38 2.33
SRCPARAM L0009039 2.0167E-08 5.00 17.38 2.33
SRCPARAM L0009040 2.0167E-08 5.00 17.38 2.33
SRCPARAM L0009041 2.0167E-08 5.00 17.38 2.33
SRCPARAM L0009042 2.0167E-08 5.00 17.38 2.33
SRCPARAM L0009043 2.0167E-08 5.00 17.38 2.33
SRCPARAM L0009044 2.0167E-08 5.00 17.38 2.33
SRCPARAM L0009045 2.0167E-08 5.00 17.42 2.33
SRCPARAM L0009046 2.0167E-08 5.00 17.42 2.33
SRCPARAM L0009047 2.0167E-08 5.00 17.42 2.33
SRCPARAM L0009048 2.0167E-08 5.00 17.42 2.33
SRCPARAM L0009049 2.0167E-08 5.00 17.42 2.33
SRCPARAM L0009050 2.0167E-08 5.00 17.42 2.33
SRCPARAM L0009051 2.0167E-08 5.00 17.42 2.33
SRCPARAM L0009052 2.0167E-08 5.00 17.42 2.33
SRCPARAM L0009053 2.0167E-08 5.00 17.42 2.33
SRCPARAM L0009054 2.0167E-08 5.00 17.42 2.33
SRCPARAM L0009055 2.0167E-08 5.00 17.42 2.33
SRCPARAM L0009056 2.0167E-08 5.00 17.42 2.33
SRCPARAM L0009057 2.0167E-08 5.00 17.36 2.33
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SRCPARAM L0009059 2.0167E-08 5.00 17.36 2.33
SRCPARAM L0009060 2.0167E-08 5.00 17.36 2.33
SRCPARAM L0009061 2.0167E-08 5.00 17.36 2.33
SRCPARAM L0009062 2.0167E-08 5.00 17.36 2.33
SRCPARAM L0009063 2.0167E-08 5.00 17.36 2.33
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SRCPARAM L0009066 2.0167E-08 5.00 17.36 2.33
SRCPARAM L0009067 2.0167E-08 5.00 17.36 2.33
SRCPARAM L0009068 2.0167E-08 5.00 17.36 2.33
SRCPARAM L0009069 2.0167E-08 5.00 17.36 2.33
SRCPARAM L0009070 2.0167E-08 5.00 17.36 2.33
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SRCPARAM L0009072 2.0167E-08 5.00 17.36 2.33
SRCPARAM L0009073 2.0167E-08 5.00 17.36 2.33
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SRCPARAM L0009075 2.0167E-08 5.00 17.36 2.33
SRCPARAM L0009076 2.0167E-08 5.00 17.36 2.33
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SRCPARAM L0009083 2.0167E-08 5.00 17.37 2.33
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SRCPARAM L0009088 2.0167E-08 5.00 17.37 2.33
SRCPARAM L0009089 2.0167E-08 5.00 17.37 2.33
SRCPARAM L0009090 2.0167E-08 5.00 17.37 2.33
SRCPARAM L0009091 2.0167E-08 5.00 17.37 2.33
SRCPARAM L0009092 2.0167E-08 5.00 17.37 2.33
SRCGROUP ALL
SO FINISHED
**
*****
** ISC-PRIME Receptor Pathway
*****
**
**
RE STARTING
** DESCRREC "Res" "Residential"
DISCCART 365195.56 3766329.20
DISCCART 365046.70 3766293.15
DISCCART 364925.03 3766265.02
DISCCART 364810.05 3766234.54
DISCCART 365230.92 3766352.80
DISCCART 365358.03 3766388.07

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DISCCART 365384.34 3766356.86
DISCCART 365410.66 3766309.74
DISCCART 365214.23 3766258.34
DISCCART 365061.86 3766221.01
DISCCART 364950.49 3766192.86
DISCCART 364851.97 3766170.22
DISCCART 364936.41 3766071.09
DISCCART 365000.67 3766093.73
DISCCART 365093.68 3766116.99
DISCCART 365250.94 3766158.60
DISCCART 365455.33 3766211.83
** BEGIN OF NESTED GRID RECEPTORS

** Nested Grid ID = NSTD2
** Grid Count = 5
** Receptor Count = 417
** X Origin of Bounding Box = 364768.57
** Y Origin of Bounding Box = 3766257.55
** X Size of Bounding Box = 440.00
** Y Size of Bounding Box = 200.00
** Grid #1: Distance from Bounding Box = 25.00 Spacing = 25.00
** Grid #2: Distance from Bounding Box = 50.00 Spacing = 50.00
** Grid #3: Distance from Bounding Box = 100.00 Spacing = 75.00
** Grid #4: Distance from Bounding Box = 200.00 Spacing = 100.00
** Grid #5: Distance from Bounding Box = 500.00 Spacing = 125.00
DISCCART 364768.57 3766257.55
DISCCART 364788.57 3766257.55
DISCCART 364808.57 3766257.55
DISCCART 364828.57 3766257.55
DISCCART 364848.57 3766257.55
DISCCART 364868.57 3766257.55
DISCCART 364888.57 3766257.55
DISCCART 364908.57 3766257.55
DISCCART 364928.57 3766257.55
DISCCART 364948.57 3766257.55
DISCCART 364968.57 3766257.55
DISCCART 364988.57 3766257.55
DISCCART 365008.57 3766257.55
DISCCART 365028.57 3766257.55
DISCCART 365048.57 3766257.55
DISCCART 365068.57 3766257.55
DISCCART 365088.57 3766257.55
DISCCART 365108.57 3766257.55
DISCCART 365128.57 3766257.55
DISCCART 365148.57 3766257.55
DISCCART 365168.57 3766257.55
DISCCART 365188.57 3766257.55
DISCCART 365208.57 3766257.55
DISCCART 364768.57 3766277.55
DISCCART 364868.57 3766277.55
DISCCART 364888.57 3766277.55
DISCCART 364908.57 3766277.55
DISCCART 364928.57 3766277.55
DISCCART 364948.57 3766277.55
DISCCART 364968.57 3766277.55
DISCCART 364988.57 3766277.55
DISCCART 365008.57 3766277.55
DISCCART 365028.57 3766277.55
DISCCART 365048.57 3766277.55
DISCCART 365068.57 3766277.55
DISCCART 365088.57 3766277.55
DISCCART 365108.57 3766277.55
DISCCART 365128.57 3766277.55
DISCCART 365148.57 3766277.55
DISCCART 365168.57 3766277.55
DISCCART 365188.57 3766277.55
DISCCART 365208.57 3766277.55
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DISCCART 364968.57 3766297.55
DISCCART 364988.57 3766297.55
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DISCCART 364808.57 3766397.55
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DISCCART 364928.57 3766397.55
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DISCCART 364768.57 3766417.55
DISCCART 364788.57 3766417.55
DISCCART 364808.57 3766417.55

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DISCCART	365168.57	3766482.55
DISCCART	365193.57	3766482.55
DISCCART	365218.57	3766482.55
DISCCART	365243.57	3766482.55
DISCCART	364718.57	3766207.55
DISCCART	364768.57	3766207.55
DISCCART	364818.57	3766207.55
DISCCART	364868.57	3766207.55
DISCCART	364918.57	3766207.55
DISCCART	364968.57	3766207.55
DISCCART	365018.57	3766207.55
DISCCART	365068.57	3766207.55
DISCCART	365118.57	3766207.55
DISCCART	365168.57	3766207.55
DISCCART	365218.57	3766207.55
DISCCART	365268.57	3766207.55
DISCCART	364718.57	3766257.55
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DISCCART	364718.57	3766357.55
DISCCART	365268.57	3766357.55
DISCCART	364718.57	3766407.55
DISCCART	365268.57	3766407.55
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DISCCART	365268.57	3766457.55
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DISCCART	364768.57	3766507.55
DISCCART	364818.57	3766507.55
DISCCART	364868.57	3766507.55
DISCCART	364918.57	3766507.55
DISCCART	364968.57	3766507.55
DISCCART	365018.57	3766507.55
DISCCART	365068.57	3766507.55
DISCCART	365118.57	3766507.55
DISCCART	365168.57	3766507.55
DISCCART	365218.57	3766507.55
DISCCART	365268.57	3766507.55
DISCCART	364668.57	3766157.55
DISCCART	364743.57	3766157.55
DISCCART	364818.57	3766157.55
DISCCART	364893.57	3766157.55
DISCCART	364968.57	3766157.55
DISCCART	365043.57	3766157.55
DISCCART	365118.57	3766157.55
DISCCART	365193.57	3766157.55
DISCCART	365268.57	3766157.55
DISCCART	365343.57	3766157.55
DISCCART	364668.57	3766232.55
DISCCART	365268.57	3766232.55
DISCCART	365343.57	3766232.55
DISCCART	364668.57	3766307.55
DISCCART	365268.57	3766307.55
DISCCART	365343.57	3766307.55
DISCCART	364668.57	3766382.55
DISCCART	365268.57	3766382.55
DISCCART	365343.57	3766382.55
DISCCART	364668.57	3766457.55
DISCCART	365268.57	3766457.55
DISCCART	365343.57	3766457.55
DISCCART	364668.57	3766532.55
DISCCART	364743.57	3766532.55
DISCCART	364818.57	3766532.55
DISCCART	364893.57	3766532.55
DISCCART	364968.57	3766532.55
DISCCART	365043.57	3766532.55
DISCCART	365118.57	3766532.55
DISCCART	365193.57	3766532.55
DISCCART	365268.57	3766532.55
DISCCART	365343.57	3766532.55
DISCCART	364568.57	3766057.55
DISCCART	364668.57	3766057.55
DISCCART	364768.57	3766057.55
DISCCART	364868.57	3766057.55
DISCCART	364968.57	3766057.55
DISCCART	365068.57	3766057.55
DISCCART	365168.57	3766057.55
DISCCART	365268.57	3766057.55
DISCCART	365368.57	3766057.55
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DISCCART	364568.57	3766257.55
DISCCART	365368.57	3766257.55
DISCCART	364568.57	3766357.55
DISCCART	365368.57	3766357.55
DISCCART	364568.57	3766457.55
DISCCART	365368.57	3766457.55
DISCCART	364568.57	3766557.55
DISCCART	365368.57	3766557.55
DISCCART	364568.57	3766657.55
DISCCART	364668.57	3766657.55
DISCCART	364768.57	3766657.55
DISCCART	364868.57	3766657.55
DISCCART	364968.57	3766657.55
DISCCART	365068.57	3766657.55
DISCCART	365168.57	3766657.55
DISCCART	365268.57	3766657.55
DISCCART	365368.57	3766657.55
DISCCART	364268.57	3765757.55
DISCCART	364393.57	3765757.55
DISCCART	364518.57	3765757.55
DISCCART	364643.57	3765757.55
DISCCART	364768.57	3765757.55
DISCCART	364893.57	3765757.55
DISCCART	365018.57	3765757.55
DISCCART	365143.57	3765757.55
DISCCART	365268.57	3765757.55
DISCCART	365393.57	3765757.55
DISCCART	365518.57	3765757.55
DISCCART	365643.57	3765757.55
DISCCART	365768.57	3765757.55
DISCCART	364268.57	3765882.55
DISCCART	364393.57	3765882.55
DISCCART	364518.57	3765882.55
DISCCART	364643.57	3765882.55
DISCCART	364768.57	3765882.55
DISCCART	364893.57	3765882.55
DISCCART	365018.57	3765882.55

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DISCCART 365143.57 3765882.55
DISCCART 365268.57 3765882.55
DISCCART 365393.57 3765882.55
DISCCART 365518.57 3765882.55
DISCCART 365643.57 3765882.55
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DISCCART 364268.57 3766007.55
DISCCART 364393.57 3766007.55
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DISCCART 364643.57 3766007.55
DISCCART 364768.57 3766007.55
DISCCART 364893.57 3766007.55
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DISCCART 365643.57 3766007.55
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DISCCART 364393.57 3766132.55
DISCCART 364518.57 3766132.55
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DISCCART 364268.57 3766382.55
DISCCART 364393.57 3766382.55
DISCCART 364518.57 3766382.55
DISCCART 365518.57 3766382.55
DISCCART 365643.57 3766382.55
DISCCART 365768.57 3766382.55
DISCCART 364268.57 3766507.55
DISCCART 364393.57 3766507.55
DISCCART 364518.57 3766507.55
DISCCART 365518.57 3766507.55
DISCCART 365643.57 3766507.55
DISCCART 365768.57 3766507.55
DISCCART 364268.57 3766632.55
DISCCART 364393.57 3766632.55
DISCCART 364518.57 3766632.55
DISCCART 365518.57 3766632.55
DISCCART 365643.57 3766632.55
DISCCART 365768.57 3766632.55
DISCCART 364268.57 3766757.55
DISCCART 364393.57 3766757.55
DISCCART 364518.57 3766757.55
DISCCART 364643.57 3766757.55
DISCCART 364768.57 3766757.55
DISCCART 364893.57 3766757.55
DISCCART 365018.57 3766757.55
DISCCART 365143.57 3766757.55
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DISCCART 365393.57 3766757.55
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DISCCART 365143.57 3766882.55
DISCCART 365268.57 3766882.55
DISCCART 365393.57 3766882.55
DISCCART 365518.57 3766882.55
DISCCART 365643.57 3766882.55
DISCCART 365768.57 3766882.55
DISCCART 364268.57 3767007.55
DISCCART 364393.57 3767007.55
DISCCART 364518.57 3767007.55
DISCCART 364643.57 3767007.55
DISCCART 364768.57 3767007.55
DISCCART 364893.57 3767007.55
DISCCART 365018.57 3767007.55
DISCCART 365143.57 3767007.55
DISCCART 365268.57 3767007.55
DISCCART 365393.57 3767007.55
DISCCART 365518.57 3767007.55
DISCCART 365643.57 3767007.55
DISCCART 365768.57 3767007.55
** -----
** END OF NESTED GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name SITE
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART 364787.78 3766259.45
DISCCART 365206.82 3766357.85
DISCCART 365180.28 3766456.25
DISCCART 364769.34 3766358.20
RE FINISHED
**
*****
** ISC-PRIME Meteorology Pathway
*****
**
**
ME STARTING
INPUTFIL C:\AERMOD~1\METDAT~1\WESTLA.ASC
ANEMHGH 97 METERS
SURFDATA 52158 1981
UAIRDATA 91919 1981
ME FINISHED
**
*****
** ISC-PRIME Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST

```

RECTABLE 1 1ST
 ** Auto-Generated Plotfiles
 PLOTFILE 1 ALL 1ST NOXDEMO.PR\01H1GALL.PLT
 PLOTFILE ANNUAL ALL NOXDEMO.PR\AN00GALL.PLT
 OU FINISHED

 *** SETUP Finishes Successfully ***

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

PAGE 1

**MODELOPTS: CONC URBAN FLAT DEFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 60 Source(s); 1 Source Group(s); and 438 Receptor(s)

**The Model Assumes A Pollutant Type of: NOX

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

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor
 Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
 Model Outputs External File(s) of High values for Plotting (PLOTFILE Keyword)

**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: Anem. Hgt. (m) = 97.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0009033	0	0.20167E-07	364794.8	3766274.5	0.0	5.00	17.38	2.33	
L0009034	0	0.20167E-07	364831.2	3766283.0	0.0	5.00	17.38	2.33	
L0009035	0	0.20167E-07	364867.5	3766291.8	0.0	5.00	17.38	2.33	
L0009036	0	0.20167E-07	364903.9	3766300.5	0.0	5.00	17.38	2.33	
L0009037	0	0.20167E-07	364940.2	3766309.0	0.0	5.00	17.38	2.33	
L0009038	0	0.20167E-07	364976.6	3766317.5	0.0	5.00	17.38	2.33	
L0009039	0	0.20167E-07	365013.0	3766326.2	0.0	5.00	17.38	2.33	
L0009040	0	0.20167E-07	365049.3	3766335.0	0.0	5.00	17.38	2.33	
L0009041	0	0.20167E-07	365085.7	3766343.5	0.0	5.00	17.38	2.33	
L0009042	0	0.20167E-07	365122.1	3766352.0	0.0	5.00	17.38	2.33	
L0009043	0	0.20167E-07	365158.4	3766360.8	0.0	5.00	17.38	2.33	
L0009044	0	0.20167E-07	365194.8	3766369.5	0.0	5.00	17.38	2.33	
L0009045	0	0.20167E-07	364791.1	3766295.0	0.0	5.00	17.42	2.33	
L0009046	0	0.20167E-07	364827.6	3766303.8	0.0	5.00	17.42	2.33	
L0009047	0	0.20167E-07	364864.0	3766312.2	0.0	5.00	17.42	2.33	
L0009048	0	0.20167E-07	364900.4	3766321.0	0.0	5.00	17.42	2.33	
L0009049	0	0.20167E-07	364936.9	3766329.5	0.0	5.00	17.42	2.33	
L0009050	0	0.20167E-07	364973.3	3766338.2	0.0	5.00	17.42	2.33	
L0009051	0	0.20167E-07	365009.8	3766347.0	0.0	5.00	17.42	2.33	
L0009052	0	0.20167E-07	365046.2	3766355.5	0.0	5.00	17.42	2.33	
L0009053	0	0.20167E-07	365082.7	3766364.2	0.0	5.00	17.42	2.33	
L0009054	0	0.20167E-07	365119.1	3766372.8	0.0	5.00	17.42	2.33	
L0009055	0	0.20167E-07	365155.6	3766381.5	0.0	5.00	17.42	2.33	
L0009056	0	0.20167E-07	365192.0	3766390.0	0.0	5.00	17.42	2.33	
L0009057	0	0.20167E-07	364788.2	3766314.8	0.0	5.00	17.36	2.33	
L0009058	0	0.20167E-07	364824.6	3766323.2	0.0	5.00	17.36	2.33	
L0009059	0	0.20167E-07	364860.9	3766332.0	0.0	5.00	17.36	2.33	
L0009060	0	0.20167E-07	364897.2	3766340.5	0.0	5.00	17.36	2.33	
L0009061	0	0.20167E-07	364933.5	3766349.0	0.0	5.00	17.36	2.33	
L0009062	0	0.20167E-07	364969.9	3766357.5	0.0	5.00	17.36	2.33	
L0009063	0	0.20167E-07	365006.2	3766366.0	0.0	5.00	17.36	2.33	
L0009064	0	0.20167E-07	365042.5	3766374.8	0.0	5.00	17.36	2.33	
L0009065	0	0.20167E-07	365078.8	3766383.2	0.0	5.00	17.36	2.33	
L0009066	0	0.20167E-07	365115.1	3766391.8	0.0	5.00	17.36	2.33	
L0009067	0	0.20167E-07	365151.4	3766400.2	0.0	5.00	17.36	2.33	
L0009068	0	0.20167E-07	365187.8	3766409.0	0.0	5.00	17.36	2.33	
L0009069	0	0.20167E-07	364784.0	3766333.8	0.0	5.00	17.36	2.33	

NOxDemo.POU.txt
L0009070 0 0.20167E-07 364820.4 3766342.5 0.0 5.00 17.36 2.33
L0009071 0 0.20167E-07 364856.7 3766351.0 0.0 5.00 17.36 2.33
L0009072 0 0.20167E-07 364893.0 3766359.5 0.0 5.00 17.36 2.33
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
PAGE 3

*** VOLUME SOURCE DATA ***
SOURCE ID NUMBER PART. EMISSION RATE X Y BASE RELEASE INIT. INIT. EMISSION RATE
ID CATS. (GRAMS/SEC) (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) SCALAR VARY
BY
L0009073 0 0.20167E-07 364929.3 3766368.2 0.0 5.00 17.36 2.33
L0009074 0 0.20167E-07 364965.6 3766376.8 0.0 5.00 17.36 2.33
L0009075 0 0.20167E-07 365002.0 3766385.5 0.0 5.00 17.36 2.33
L0009076 0 0.20167E-07 365038.2 3766394.0 0.0 5.00 17.36 2.33
L0009077 0 0.20167E-07 365074.6 3766402.5 0.0 5.00 17.36 2.33
L0009078 0 0.20167E-07 365110.9 3766411.2 0.0 5.00 17.36 2.33
L0009079 0 0.20167E-07 365147.2 3766419.8 0.0 5.00 17.36 2.33
L0009080 0 0.20167E-07 365183.6 3766428.5 0.0 5.00 17.36 2.33
L0009081 0 0.20167E-07 364781.2 3766351.0 0.0 5.00 17.37 2.33
L0009082 0 0.20167E-07 364817.6 3766359.8 0.0 5.00 17.37 2.33
L0009083 0 0.20167E-07 364853.9 3766368.2 0.0 5.00 17.37 2.33
L0009084 0 0.20167E-07 364890.2 3766377.0 0.0 5.00 17.37 2.33
L0009085 0 0.20167E-07 364926.5 3766385.5 0.0 5.00 17.37 2.33
L0009086 0 0.20167E-07 364962.9 3766394.2 0.0 5.00 17.37 2.33
L0009087 0 0.20167E-07 364999.2 3766403.0 0.0 5.00 17.37 2.33
L0009088 0 0.20167E-07 365035.5 3766411.5 0.0 5.00 17.37 2.33
L0009089 0 0.20167E-07 365071.8 3766420.2 0.0 5.00 17.37 2.33
L0009090 0 0.20167E-07 365108.2 3766428.8 0.0 5.00 17.37 2.33
L0009091 0 0.20167E-07 365144.5 3766437.5 0.0 5.00 17.37 2.33
L0009092 0 0.20167E-07 365180.8 3766446.0 0.0 5.00 17.37 2.33
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
PAGE 4

*** SOURCE IDS DEFINING SOURCE GROUPS ***
GROUP ID SOURCE IDS
ALL L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039, L0009040, L0009041, L0009042, L0009043, L0009044,
L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051, L0009052, L0009053, L0009054, L0009055, L0009056,
L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, L0009063, L0009064, L0009065, L0009066, L0009067, L0009068,
L0009069, L0009070, L0009071, L0009072, L0009073, L0009074, L0009075, L0009076, L0009077, L0009078, L0009079, L0009080,
L0009081, L0009082, L0009083, L0009084, L0009085, L0009086, L0009087, L0009088, L0009089, L0009090, L0009091, L0009092,
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
PAGE 5

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)
(365195.6, 3766329.2, 0.0, 0.0); (365046.7, 3766293.0, 0.0, 0.0);
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(365230.9, 3766352.8, 0.0, 0.0); (365358.0, 3766388.0, 0.0, 0.0);
(365384.3, 3766356.8, 0.0, 0.0); (365410.7, 3766309.8, 0.0, 0.0);
(365214.2, 3766258.2, 0.0, 0.0); (365061.9, 3766221.0, 0.0, 0.0);
(364950.5, 3766192.8, 0.0, 0.0); (364852.0, 3766170.2, 0.0, 0.0);
(364936.4, 3766071.0, 0.0, 0.0); (365000.7, 3766093.8, 0.0, 0.0);
(365093.7, 3766117.0, 0.0, 0.0); (365250.9, 3766158.5, 0.0, 0.0);
(365455.3, 3766211.8, 0.0, 0.0); (364768.6, 3766257.5, 0.0, 0.0);
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(364968.6, 3766277.5, 0.0, 0.0); (364988.6, 3766277.5, 0.0, 0.0);
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(365128.6, 3766277.5, 0.0, 0.0); (365148.6, 3766277.5, 0.0, 0.0);
(365168.6, 3766277.5, 0.0, 0.0); (365188.6, 3766277.5, 0.0, 0.0);
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(365168.6, 3766297.5, 0.0, 0.0); (365188.6, 3766297.5, 0.0, 0.0);
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(365168.6, 3766337.5, 0.0, 0.0); (365188.6, 3766337.5, 0.0, 0.0);
(365208.6, 3766337.5, 0.0, 0.0); (364768.6, 3766357.5, 0.0, 0.0);
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

PAGE 8

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

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NOxDemo.POU.txt

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( 365268.6, 3766157.5, 0.0, 0.0); ( 365343.6, 3766157.5, 0.0, 0.0);
( 364668.6, 3766232.5, 0.0, 0.0); ( 365268.6, 3766232.5, 0.0, 0.0);
( 365343.6, 3766232.5, 0.0, 0.0); ( 364668.6, 3766307.5, 0.0, 0.0);
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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION YR (METERS)	DISTANCE (METERS)
L0009033	364768.6	3766257.5	-6.12
L0009033	364788.6	3766257.5	-19.27
L0009033	364808.6	3766257.5	-15.48
L0009033	364828.6	3766257.5	0.45
L0009033	364768.6	3766277.5	-10.98
L0009033	364768.6	3766297.5	-2.49
L0009033	364787.8	3766259.5	-20.81
L0009034	364808.6	3766257.5	-3.30
L0009034	364828.6	3766257.5	-11.74
L0009034	364848.6	3766257.5	-6.49
L0009034	364868.6	3766277.5	0.44
L0009035	364868.6	3766257.5	-3.10
L0009035	364868.6	3766277.5	-23.08

NOxDemo.POU.txt

L0009035	364888.6	3766277.5	-11.96
L0009036	364888.6	3766277.5	-9.72
L0009036	364908.6	3766277.5	-13.90
L0009036	364928.6	3766277.5	-3.65
L0009037	364928.6	3766277.5	-3.77
L0009037	364948.6	3766277.5	-4.79
L0009037	364968.6	3766297.5	-6.81
L0009038	364968.6	3766297.5	-15.81
L0009038	364988.6	3766297.5	-14.06
L0009038	365008.6	3766297.5	0.34
L0009039	364988.6	3766297.5	0.35
L0009039	365008.6	3766297.5	-8.28
L0009039	365028.6	3766297.5	-4.66
L0009039	365048.6	3766317.5	-0.71
L0009040	365048.6	3766297.5	0.14
L0009040	365048.6	3766317.5	-19.85
L0009040	365068.6	3766317.5	-11.37
L0009041	365068.6	3766317.5	-6.23
L0009041	365088.6	3766317.5	-11.21
L0009041	365108.6	3766317.5	-2.74
L0009042	365108.6	3766317.5	-0.32
L0009042	365128.6	3766317.5	-2.26
L0009042	365128.6	3766337.5	-21.48
L0009042	365148.6	3766337.5	-7.16
L0009043	365128.6	3766337.5	0.49
L0009043	365148.6	3766337.5	-12.11
L0009043	365168.6	3766337.5	-12.01

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009043	365188.6	3766337.5	0.69
L0009044	365188.6	3766337.5	-4.76
L0009044	365208.6	3766337.5	-2.54
L0009044	365208.6	3766357.5	-19.12
L0009044	365208.6	3766377.5	-21.46
L0009044	365208.6	3766397.5	-6.17
L0009044	365218.6	3766357.5	-10.76
L0009044	365218.6	3766382.5	-10.29
L0009044	365206.8	3766357.8	-20.55
L0009045	364788.6	3766257.5	0.13
L0009045	364768.6	3766277.5	-8.92
L0009045	364768.6	3766297.5	-14.78
L0009045	364768.6	3766317.5	-5.61
L0009045	364787.8	3766259.5	-1.80
L0009047	364868.6	3766277.5	-2.40
L0009052	365048.6	3766317.5	0.62
L0009054	365128.6	3766337.5	-0.96
L0009056	365208.6	3766357.5	-0.99
L0009056	365208.6	3766377.5	-16.73
L0009056	365208.6	3766397.5	-19.30
L0009056	365208.6	3766417.5	-5.37
L0009056	365218.6	3766382.5	-9.88
L0009056	365218.6	3766407.5	-5.67
L0009056	365206.8	3766357.8	-1.96
L0009057	364768.6	3766297.5	-11.15
L0009057	364768.6	3766317.5	-17.45
L0009057	364768.6	3766337.5	-7.24
L0009068	365208.6	3766377.5	0.43
L0009068	365208.6	3766397.5	-13.55
L0009068	365208.6	3766417.5	-14.84
L0009068	365188.6	3766437.5	-8.81
L0009068	365208.6	3766437.5	-2.03
L0009068	365218.6	3766407.5	-6.48
L0009069	364768.6	3766317.5	-14.89
L0009069	364768.6	3766337.5	-21.41
L0009069	364768.6	3766357.5	-8.98
L0009069	364769.3	3766358.2	-8.76
L0009070	364808.6	3766377.5	-0.38
L0009070	364828.6	3766377.5	-1.38
L0009071	364848.6	3766377.5	-9.61

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009072	364888.6	3766397.5	0.93
L0009073	364908.6	3766397.5	-1.46
L0009073	364928.6	3766397.5	-8.06
L0009075	364988.6	3766417.5	-2.63
L0009075	365008.6	3766417.5	-4.65
L0009076	365008.6	3766417.5	0.54
L0009077	365068.6	3766437.5	-1.81
L0009077	365088.6	3766437.5	0.36
L0009078	365088.6	3766437.5	-2.85
L0009079	365148.6	3766457.5	0.45
L0009080	365208.6	3766417.5	-10.01
L0009080	365188.6	3766437.5	-27.03
L0009080	365208.6	3766437.5	-10.75
L0009080	365168.6	3766457.5	-4.67
L0009080	365188.6	3766457.5	-7.90
L0009080	365208.6	3766457.5	0.96
L0009080	365218.6	3766432.5	-2.10
L0009080	365180.3	3766456.2	-9.38
L0009081	364768.6	3766317.5	-1.52
L0009081	364768.6	3766337.5	-18.82
L0009081	364768.6	3766357.5	-23.09
L0009081	364768.6	3766377.5	-7.96
L0009081	364788.6	3766377.5	-9.86
L0009081	364808.6	3766377.5	0.71
L0009081	364743.6	3766357.5	0.90

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1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\Expo\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS:  CONC          URBAN  FLAT          DEFAULT
* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
  LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

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1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\Expo\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC URBAN FLAT DEFAULT

[illegible]

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT

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

FILE: C:\AERMOD~1\METDAT~1\WESTLA.ASC
 SURFACE STATION NO.: 52158
 NAME: UNKNOWN
 YEAR: 1981

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,F9.4,f10.1,f8.4,i4,f7.2)
 UPPER AIR STATION NO.: 91919
 NAME: UNKNOWN
 YEAR: 1981

YEAR	MONTH	DAY	HOUR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
81	1	1	1	67.3	1.00	285.9	7	387.1	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	2	79.9	1.00	286.5	7	397.2	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	3	62.5	1.00	285.9	6	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	4	98.5	1.00	285.9	5	417.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	5	354.0	1.00	285.4	4	427.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	6	139.5	1.00	283.7	5	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	7	94.5	1.00	283.7	6	447.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	8	112.2	1.00	284.3	5	70.1	201.5	0.0000	0.0	0.0000	0	0.00
81	1	1	9	186.5	1.00	287.0	4	144.7	254.3	0.0000	0.0	0.0000	0	0.00
81	1	1	10	256.6	1.00	291.5	3	219.4	307.0	0.0000	0.0	0.0000	0	0.00
81	1	1	11	314.1	1.00	294.8	2	294.0	359.8	0.0000	0.0	0.0000	0	0.00
81	1	1	12	35.6	2.68	290.9	3	368.7	412.5	0.0000	0.0	0.0000	0	0.00
81	1	1	13	64.7	2.24	289.8	3	443.3	465.3	0.0000	0.0	0.0000	0	0.00
81	1	1	14	34.2	2.24	290.4	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	15	44.8	1.34	290.4	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	16	53.2	1.79	289.3	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	17	42.6	0.00	288.1	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	18	30.1	1.00	287.6	5	518.0	468.5	0.0000	0.0	0.0000	0	0.00
81	1	1	19	20.5	0.00	287.0	6	518.0	425.9	0.0000	0.0	0.0000	0	0.00
81	1	1	20	55.7	1.00	287.0	7	518.0	383.4	0.0000	0.0	0.0000	0	0.00
81	1	1	21	43.6	0.00	287.6	7	518.0	340.8	0.0000	0.0	0.0000	0	0.00
81	1	1	22	137.0	1.00	287.0	7	518.0	298.2	0.0000	0.0	0.0000	0	0.00
81	1	1	23	90.7	1.00	286.5	7	518.0	255.6	0.0000	0.0	0.0000	0	0.00
81	1	1	24	67.2	1.00	286.5	6	518.0	213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
 L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
 L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365195.56	3766329.25	0.00005	365046.69	3766293.00	0.00005
364925.03	3766265.00	0.00004	364810.06	3766234.50	0.00002
365230.94	3766352.75	0.00005	365358.03	3766388.00	0.00002
365384.34	3766356.75	0.00002	365410.66	3766309.75	0.00001
365214.22	3766258.25	0.00002	365061.88	3766221.00	0.00002
364950.50	3766192.75	0.00001	364851.97	3766170.25	0.00001
364936.41	3766071.00	0.00000	365000.66	3766093.75	0.00001
365093.69	3766117.00	0.00001	365250.94	3766158.50	0.00001
365455.34	3766211.75	0.00001	364768.56	3766257.50	0.00001
364788.56	3766257.50	0.00002	364808.56	3766257.50	0.00002
364828.56	3766257.50	0.00002	364848.56	3766257.50	0.00003
364868.56	3766257.50	0.00003	364888.56	3766257.50	0.00003
364908.56	3766257.50	0.00003	364928.56	3766257.50	0.00003
364948.56	3766257.50	0.00003	364968.56	3766257.50	0.00003
364988.56	3766257.50	0.00003	365008.56	3766257.50	0.00003
365028.56	3766257.50	0.00003	365048.56	3766257.50	0.00003
365068.56	3766257.50	0.00003	365088.56	3766257.50	0.00003
365108.56	3766257.50	0.00003	365128.56	3766257.50	0.00003
365148.56	3766257.50	0.00002	365168.56	3766257.50	0.00002
365188.56	3766257.50	0.00002	365208.56	3766257.50	0.00002
364768.56	3766277.50	0.00002	364868.56	3766277.50	0.00004
364888.56	3766277.50	0.00004	364908.56	3766277.50	0.00004
364928.56	3766277.50	0.00004	364948.56	3766277.50	0.00004
364968.56	3766277.50	0.00004	364988.56	3766277.50	0.00004
365008.56	3766277.50	0.00004	365028.56	3766277.50	0.00004
365048.56	3766277.50	0.00004	365068.56	3766277.50	0.00004
365088.56	3766277.50	0.00003	365108.56	3766277.50	0.00003
365128.56	3766277.50	0.00003	365148.56	3766277.50	0.00003
365168.56	3766277.50	0.00003	365188.56	3766277.50	0.00003
365208.56	3766277.50	0.00003	364768.56	3766297.50	0.00002
364968.56	3766297.50	0.00005	364988.56	3766297.50	0.00005
365008.56	3766297.50	0.00005	365028.56	3766297.50	0.00005
365048.56	3766297.50	0.00005	365068.56	3766297.50	0.00005
365088.56	3766297.50	0.00004	365108.56	3766297.50	0.00004
365128.56	3766297.50	0.00004	365148.56	3766297.50	0.00004
365168.56	3766297.50	0.00004	365188.56	3766297.50	0.00003
365208.56	3766297.50	0.00003	364768.56	3766317.50	0.00003
365048.56	3766317.50	0.00006	365068.56	3766317.50	0.00006
365088.56	3766317.50	0.00006	365108.56	3766317.50	0.00005
365128.56	3766317.50	0.00005	365148.56	3766317.50	0.00005

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
 L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
 L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365168.56	3766317.50	0.00005	365188.56	3766317.50	0.00004
365208.56	3766317.50	0.00004	364768.56	3766337.50	0.00004
365128.56	3766337.50	0.00006	365148.56	3766337.50	0.00006
365168.56	3766337.50	0.00006	365188.56	3766337.50	0.00005
365208.56	3766337.50	0.00005	364768.56	3766357.50	0.00004

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NOxDemo.POU.txt
365208.56 3766357.50 0.00006 364768.56 3766377.50 0.00004
364788.56 3766377.50 0.00004 364808.56 3766377.50 0.00006
364828.56 3766377.50 0.00007 364848.56 3766377.50 0.00008
365208.56 3766377.50 0.00007 364768.56 3766397.50 0.00004
364788.56 3766397.50 0.00005 364808.56 3766397.50 0.00006
364828.56 3766397.50 0.00007 364848.56 3766397.50 0.00008
364868.56 3766397.50 0.00008 364888.56 3766397.50 0.00009
364908.56 3766397.50 0.00010 364928.56 3766397.50 0.00011
365208.56 3766397.50 0.00008 364768.56 3766417.50 0.00003
364788.56 3766417.50 0.00004 364808.56 3766417.50 0.00005
364828.56 3766417.50 0.00005 364848.56 3766417.50 0.00006
364868.56 3766417.50 0.00007 364888.56 3766417.50 0.00008
364908.56 3766417.50 0.00009 364928.56 3766417.50 0.00009
364948.56 3766417.50 0.00010 364968.56 3766417.50 0.00010
364988.56 3766417.50 0.00011 365008.56 3766417.50 0.00011
365208.56 3766417.50 0.00009 364768.56 3766437.50 0.00002
364788.56 3766437.50 0.00003 364808.56 3766437.50 0.00004
364828.56 3766437.50 0.00004 364848.56 3766437.50 0.00005
364868.56 3766437.50 0.00006 364888.56 3766437.50 0.00006
364908.56 3766437.50 0.00007 364928.56 3766437.50 0.00008
364948.56 3766437.50 0.00009 364968.56 3766437.50 0.00009
364988.56 3766437.50 0.00010 365008.56 3766437.50 0.00010
365028.56 3766437.50 0.00011 365048.56 3766437.50 0.00011
365068.56 3766437.50 0.00011 365088.56 3766437.50 0.00010
365188.56 3766437.50 0.00010 365208.56 3766437.50 0.00009
364768.56 3766457.50 0.00002 364788.56 3766457.50 0.00002
364808.56 3766457.50 0.00003 364828.56 3766457.50 0.00003
364848.56 3766457.50 0.00004 364868.56 3766457.50 0.00004
364888.56 3766457.50 0.00005 364908.56 3766457.50 0.00005
364928.56 3766457.50 0.00006 364948.56 3766457.50 0.00007
364968.56 3766457.50 0.00007 364988.56 3766457.50 0.00008
365008.56 3766457.50 0.00008 365028.56 3766457.50 0.00009
365048.56 3766457.50 0.00009 365068.56 3766457.50 0.00009
365088.56 3766457.50 0.00010 365108.56 3766457.50 0.00010
365128.56 3766457.50 0.00010 365148.56 3766457.50 0.00010
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 18
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NOX IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365168.56 3766457.50 0.00009 365188.56 3766457.50 0.00010
365208.56 3766457.50 0.00008 364743.56 3766232.50 0.00001
364768.56 3766232.50 0.00001 364793.56 3766232.50 0.00001
364818.56 3766232.50 0.00002 364843.56 3766232.50 0.00002
364868.56 3766232.50 0.00002 364893.56 3766232.50 0.00002
364918.56 3766232.50 0.00002 364943.56 3766232.50 0.00002
364968.56 3766232.50 0.00002 364993.56 3766232.50 0.00002
365018.56 3766232.50 0.00002 365043.56 3766232.50 0.00002
365068.56 3766232.50 0.00002 365093.56 3766232.50 0.00002
365118.56 3766232.50 0.00002 365143.56 3766232.50 0.00002
365168.56 3766232.50 0.00002 365193.56 3766232.50 0.00002
365218.56 3766232.50 0.00002 365243.56 3766232.50 0.00002
364743.56 3766257.50 0.00002 365218.56 3766257.50 0.00002
365243.56 3766257.50 0.00002 364743.56 3766282.50 0.00002
365218.56 3766282.50 0.00003 365243.56 3766282.50 0.00002
364743.56 3766307.50 0.00003 365218.56 3766307.50 0.00003
365243.56 3766307.50 0.00003 364743.56 3766332.50 0.00003
365218.56 3766332.50 0.00004 365243.56 3766332.50 0.00004
364743.56 3766357.50 0.00003 365218.56 3766357.50 0.00006
365243.56 3766357.50 0.00005 364743.56 3766382.50 0.00003
365218.56 3766382.50 0.00007 365243.56 3766382.50 0.00007
364743.56 3766407.50 0.00003 365218.56 3766407.50 0.00008
365243.56 3766407.50 0.00008 364743.56 3766432.50 0.00002
365218.56 3766432.50 0.00009 365243.56 3766432.50 0.00008
364743.56 3766457.50 0.00002 365218.56 3766457.50 0.00009
365243.56 3766457.50 0.00008 364743.56 3766482.50 0.00001
364768.56 3766482.50 0.00002 364793.56 3766482.50 0.00002
364818.56 3766482.50 0.00002 364843.56 3766482.50 0.00003
364868.56 3766482.50 0.00003 364893.56 3766482.50 0.00004
364918.56 3766482.50 0.00004 364943.56 3766482.50 0.00005
364968.56 3766482.50 0.00005 364993.56 3766482.50 0.00006
365018.56 3766482.50 0.00006 365043.56 3766482.50 0.00007
365068.56 3766482.50 0.00007 365093.56 3766482.50 0.00008
365118.56 3766482.50 0.00008 365143.56 3766482.50 0.00008
365168.56 3766482.50 0.00008 365193.56 3766482.50 0.00008
365218.56 3766482.50 0.00008 365243.56 3766482.50 0.00007
364718.56 3766207.50 0.00001 364768.56 3766207.50 0.00001
364818.56 3766207.50 0.00001 364868.56 3766207.50 0.00001
364918.56 3766207.50 0.00002 364968.56 3766207.50 0.00002
365018.56 3766207.50 0.00002 365068.56 3766207.50 0.00002
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 19
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NOX IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365118.56 3766207.50 0.00002 365168.56 3766207.50 0.00002
365218.56 3766207.50 0.00001 365268.56 3766207.50 0.00001
364718.56 3766257.50 0.00001 365268.56 3766257.50 0.00002
364718.56 3766307.50 0.00002 365268.56 3766307.50 0.00003
364718.56 3766357.50 0.00003 365268.56 3766357.50 0.00004
364718.56 3766407.50 0.00002 365268.56 3766407.50 0.00006
364718.56 3766457.50 0.00001 365268.56 3766457.50 0.00006
364718.56 3766507.50 0.00001 364768.56 3766507.50 0.00001
364818.56 3766507.50 0.00002 364868.56 3766507.50 0.00003
364918.56 3766507.50 0.00003 364968.56 3766507.50 0.00004
365018.56 3766507.50 0.00005 365068.56 3766507.50 0.00005
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NOxDemo.POU.txt

365118.56	3766507.50	0.00006	365168.56	3766507.50	0.00006
365218.56	3766507.50	0.00006	365268.56	3766507.50	0.00005
364668.56	3766157.50	0.00000	364743.56	3766157.50	0.00000
364818.56	3766157.50	0.00001	364893.56	3766157.50	0.00001
364968.56	3766157.50	0.00001	365043.56	3766157.50	0.00001
365118.56	3766157.50	0.00001	365193.56	3766157.50	0.00001
365268.56	3766157.50	0.00001	365343.56	3766157.50	0.00001
364668.56	3766232.50	0.00001	365268.56	3766232.50	0.00002
365343.56	3766232.50	0.00001	364668.56	3766307.50	0.00001
365268.56	3766307.50	0.00003	365343.56	3766307.50	0.00002
364668.56	3766382.50	0.00002	365268.56	3766382.50	0.00005
365343.56	3766382.50	0.00002	364668.56	3766457.50	0.00001
365268.56	3766457.50	0.00006	365343.56	3766457.50	0.00003
364668.56	3766532.50	0.00001	364743.56	3766532.50	0.00001
364818.56	3766532.50	0.00002	364893.56	3766532.50	0.00002
364968.56	3766532.50	0.00003	365043.56	3766532.50	0.00004
365118.56	3766532.50	0.00005	365193.56	3766532.50	0.00005
365268.56	3766532.50	0.00004	365343.56	3766532.50	0.00003
364568.56	3766057.50	0.00000	364668.56	3766057.50	0.00000
364768.56	3766057.50	0.00000	364868.56	3766057.50	0.00000
364968.56	3766057.50	0.00000	365068.56	3766057.50	0.00001
365168.56	3766057.50	0.00001	365268.56	3766057.50	0.00001
365368.56	3766057.50	0.00001	364568.56	3766157.50	0.00000
365368.56	3766157.50	0.00001	364568.56	3766257.50	0.00001
365368.56	3766257.50	0.00001	364568.56	3766357.50	0.00001
365368.56	3766357.50	0.00002	364568.56	3766457.50	0.00001
365368.56	3766457.50	0.00002	364568.56	3766557.50	0.00001
365368.56	3766557.50	0.00002	364568.56	3766657.50	0.00000
364668.56	3766657.50	0.00000	364768.56	3766657.50	0.00001

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
 L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
 L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364868.56	3766657.50	0.00001	364968.56	3766657.50	0.00001
365068.56	3766657.50	0.00002	365168.56	3766657.50	0.00002
365268.56	3766657.50	0.00002	365368.56	3766657.50	0.00002
364268.56	3765757.50	0.00000	364393.56	3765757.50	0.00000
364518.56	3765757.50	0.00000	364643.56	3765757.50	0.00000
364768.56	3765757.50	0.00000	364893.56	3765757.50	0.00000
365018.56	3765757.50	0.00000	365143.56	3765757.50	0.00000
365268.56	3765757.50	0.00000	365393.56	3765757.50	0.00000
365518.56	3765757.50	0.00000	365643.56	3765757.50	0.00000
365768.56	3765757.50	0.00000	364268.56	3765882.50	0.00000
364393.56	3765882.50	0.00000	364518.56	3765882.50	0.00000
364643.56	3765882.50	0.00000	364768.56	3765882.50	0.00000
364893.56	3765882.50	0.00000	365018.56	3765882.50	0.00000
365143.56	3765882.50	0.00000	365268.56	3765882.50	0.00000
365393.56	3765882.50	0.00000	365518.56	3765882.50	0.00000
365643.56	3765882.50	0.00000	365768.56	3765882.50	0.00000
364268.56	3766007.50	0.00000	364393.56	3766007.50	0.00000
364518.56	3766007.50	0.00000	364643.56	3766007.50	0.00000
364768.56	3766007.50	0.00000	364893.56	3766007.50	0.00000
365018.56	3766007.50	0.00000	365143.56	3766007.50	0.00001
365268.56	3766007.50	0.00001	365393.56	3766007.50	0.00000
365518.56	3766007.50	0.00000	365643.56	3766007.50	0.00000
365768.56	3766007.50	0.00000	364268.56	3766132.50	0.00000
364393.56	3766132.50	0.00000	364518.56	3766132.50	0.00000
365518.56	3766132.50	0.00000	365643.56	3766132.50	0.00000
365768.56	3766132.50	0.00000	364268.56	3766257.50	0.00000
364393.56	3766257.50	0.00000	364518.56	3766257.50	0.00001
365518.56	3766257.50	0.00001	365643.56	3766257.50	0.00001
365768.56	3766257.50	0.00000	364268.56	3766382.50	0.00000
364393.56	3766382.50	0.00000	364518.56	3766382.50	0.00001
365518.56	3766382.50	0.00001	365643.56	3766382.50	0.00001
365768.56	3766382.50	0.00001	364268.56	3766507.50	0.00000
364393.56	3766507.50	0.00000	364518.56	3766507.50	0.00001
365518.56	3766507.50	0.00001	365643.56	3766507.50	0.00001
365768.56	3766507.50	0.00001	364268.56	3766632.50	0.00000
364393.56	3766632.50	0.00000	364518.56	3766632.50	0.00000
365518.56	3766632.50	0.00001	365643.56	3766632.50	0.00001
365768.56	3766632.50	0.00001	364268.56	3766757.50	0.00000
364393.56	3766757.50	0.00000	364518.56	3766757.50	0.00000
364643.56	3766757.50	0.00000	364768.56	3766757.50	0.00000

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
 L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
 L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364893.56	3766757.50	0.00001	365018.56	3766757.50	0.00001
365143.56	3766757.50	0.00001	365268.56	3766757.50	0.00001
365393.56	3766757.50	0.00001	365518.56	3766757.50	0.00001
365643.56	3766757.50	0.00001	365768.56	3766757.50	0.00001
364268.56	3766882.50	0.00000	364393.56	3766882.50	0.00000
364518.56	3766882.50	0.00000	364643.56	3766882.50	0.00000
364768.56	3766882.50	0.00000	364893.56	3766882.50	0.00000
365018.56	3766882.50	0.00000	365143.56	3766882.50	0.00001
365268.56	3766882.50	0.00001	365393.56	3766882.50	0.00001
365518.56	3766882.50	0.00001	365643.56	3766882.50	0.00001
365768.56	3766882.50	0.00000	364268.56	3767007.50	0.00000
364393.56	3767007.50	0.00000	364518.56	3767007.50	0.00000
364643.56	3767007.50	0.00000	364768.56	3767007.50	0.00000
364893.56	3767007.50	0.00000	365018.56	3767007.50	0.00000
365143.56	3767007.50	0.00000	365268.56	3767007.50	0.00000
365393.56	3767007.50	0.00000	365518.56	3767007.50	0.00000
365643.56	3767007.50	0.00000	365768.56	3767007.50	0.00000

NOxDemo.POU.txt
364787.78 3766259.50 0.00002 365206.84 3766357.75 0.00006
365180.28 3766456.25 0.00010 364769.34 3766358.25 0.00004
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365195.56	3766329.25	0.00032	(81050901)	365046.69	3766293.00	0.00028	(81012507)
364925.03	3766265.00	0.00030	(81040303)	364810.06	3766234.50	0.00031	(81042007)
365230.94	3766352.75	0.00038	(81071903)	365358.03	3766388.00	0.00027	(81072724)
365384.34	3766356.75	0.00022	(81091907)	365410.66	3766309.75	0.00018	(81031605)
365214.22	3766258.25	0.00018	(81122622)	365061.88	3766221.00	0.00017	(81021803)
364950.50	3766192.75	0.00017	(81120407)	364851.97	3766170.25	0.00018	(81011201)
364936.41	3766071.00	0.00011	(81111906)	365000.66	3766093.75	0.00011	(81020802)
365093.69	3766117.00	0.00011	(81100604)	365250.94	3766158.50	0.00012	(81092005)
365455.34	3766211.75	0.00012	(81021804)	364768.56	3766257.50	0.00040	(81020601)
364788.56	3766257.50	0.00039	(81112923)	364808.56	3766257.50	0.00036	(81011604)
364828.56	3766257.50	0.00036	(81040607)	364848.56	3766257.50	0.00033	(81122004)
364868.56	3766257.50	0.00032	(81042007)	364888.56	3766257.50	0.00031	(81032003)
364908.56	3766257.50	0.00029	(81030605)	364928.56	3766257.50	0.00028	(81011203)
364948.56	3766257.50	0.00026	(81070401)	364968.56	3766257.50	0.00025	(81101901)
364988.56	3766257.50	0.00023	(81100903)	365008.56	3766257.50	0.00022	(81112922)
365028.56	3766257.50	0.00022	(81032402)	365048.56	3766257.50	0.00021	(81110624)
365068.56	3766257.50	0.00021	(81052303)	365088.56	3766257.50	0.00021	(81030806)
365108.56	3766257.50	0.00020	(81020503)	365128.56	3766257.50	0.00020	(81071224)
365148.56	3766257.50	0.00019	(81021605)	365168.56	3766257.50	0.00019	(81120401)
365188.56	3766257.50	0.00019	(81041204)	365208.56	3766257.50	0.00018	(81032006)
364768.56	3766277.50	0.00042	(81022523)	364868.56	3766277.50	0.00038	(81070406)
364888.56	3766277.50	0.00033	(81011924)	364908.56	3766277.50	0.00034	(81042007)
364928.56	3766277.50	0.00031	(81101206)	364948.56	3766277.50	0.00030	(81110108)
364968.56	3766277.50	0.00027	(81011203)	364988.56	3766277.50	0.00027	(81022805)
365008.56	3766277.50	0.00026	(81011201)	365028.56	3766277.50	0.00025	(81040521)
365048.56	3766277.50	0.00025	(81040420)	365068.56	3766277.50	0.00024	(81103103)
365088.56	3766277.50	0.00024	(81061805)	365108.56	3766277.50	0.00023	(81082203)
365128.56	3766277.50	0.00023	(81071805)	365148.56	3766277.50	0.00022	(81071805)
365168.56	3766277.50	0.00022	(81122701)	365188.56	3766277.50	0.00021	(81022301)
365208.56	3766277.50	0.00021	(81080806)	364768.56	3766297.50	0.00044	(81122522)
364968.56	3766297.50	0.00031	(81042007)	364988.56	3766297.50	0.00028	(81101604)
365008.56	3766297.50	0.00027	(81021002)	365028.56	3766297.50	0.00028	(81101604)
365048.56	3766297.50	0.00029	(81111101)	365068.56	3766297.50	0.00028	(81101604)
365088.56	3766297.50	0.00028	(81111101)	365108.56	3766297.50	0.00027	(81071204)
365128.56	3766297.50	0.00027	(81031606)	365148.56	3766297.50	0.00026	(81031606)
365168.56	3766297.50	0.00025	(81031606)	365188.56	3766297.50	0.00025	(81031606)
365208.56	3766297.50	0.00024	(81022101)	364768.56	3766317.50	0.00045	(81012306)
365048.56	3766317.50	0.00031	(81091624)	365068.56	3766317.50	0.00031	(81021822)
365088.56	3766317.50	0.00033	(81011807)	365108.56	3766317.50	0.00031	(81031605)
365128.56	3766317.50	0.00032	(81022106)	365148.56	3766317.50	0.00030	(81121422)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365168.56	3766317.50	0.00030	(81061505)	365188.56	3766317.50	0.00029	(81022601)
365208.56	3766317.50	0.00028	(81051006)	364768.56	3766337.50	0.00045	(81081505)
365128.56	3766337.50	0.00037	(81110622)	365148.56	3766337.50	0.00034	(81120902)
365168.56	3766337.50	0.00036	(81103120)	365188.56	3766337.50	0.00033	(81051003)
365208.56	3766337.50	0.00034	(81020620)	364768.56	3766357.50	0.00042	(81070606)
365208.56	3766357.50	0.00039	(81031106)	364768.56	3766377.50	0.00036	(81111619)
364788.56	3766377.50	0.00035	(81102806)	364808.56	3766377.50	0.00038	(81030120)
364828.56	3766377.50	0.00036	(81060501)	364848.56	3766377.50	0.00040	(81112524)
365208.56	3766377.50	0.00043	(81091703)	364768.56	3766397.50	0.00030	(81031608)
364788.56	3766397.50	0.00031	(81111902)	364808.56	3766397.50	0.00032	(81050807)
364828.56	3766397.50	0.00032	(81122919)	364848.56	3766397.50	0.00034	(81021603)
364868.56	3766397.50	0.00033	(81121903)	364888.56	3766397.50	0.00036	(81121903)
364908.56	3766397.50	0.00033	(81092305)	364928.56	3766397.50	0.00033	(81092305)
365208.56	3766397.50	0.00045	(81121404)	364768.56	3766417.50	0.00025	(81070801)
364788.56	3766417.50	0.00026	(81070801)	364808.56	3766417.50	0.00027	(81070801)
364828.56	3766417.50	0.00028	(81061202)	364848.56	3766417.50	0.00029	(81070724)
364868.56	3766417.50	0.00029	(81111205)	364888.56	3766417.50	0.00030	(81031222)
364908.56	3766417.50	0.00030	(81022323)	364928.56	3766417.50	0.00032	(81030124)
364948.56	3766417.50	0.00030	(81051007)	364968.56	3766417.50	0.00029	(81070403)
364988.56	3766417.50	0.00030	(81082502)	365008.56	3766417.50	0.00032	(81073022)
365208.56	3766417.50	0.00045	(81020220)	364768.56	3766437.50	0.00022	(81031806)
364788.56	3766437.50	0.00022	(81031806)	364808.56	3766437.50	0.00023	(81112705)
364828.56	3766437.50	0.00023	(81120319)	364848.56	3766437.50	0.00024	(81051302)
364868.56	3766437.50	0.00025	(81032521)	364888.56	3766437.50	0.00025	(81110523)
364908.56	3766437.50	0.00026	(81101808)	364928.56	3766437.50	0.00027	(81032521)
364948.56	3766437.50	0.00026	(81110523)	364968.56	3766437.50	0.00028	(81030406)
364988.56	3766437.50	0.00029	(81030318)	365008.56	3766437.50	0.00029	(81092601)
365028.56	3766437.50	0.00032	(81031718)	365048.56	3766437.50	0.00032	(81101102)
365068.56	3766437.50	0.00036	(81072207)	365088.56	3766437.50	0.00035	(81102023)
365188.56	3766437.50	0.00046	(81051922)	365208.56	3766437.50	0.00043	(81021321)
364768.56	3766457.50	0.00019	(81030406)	364788.56	3766457.50	0.00020	(81032208)
364808.56	3766457.50	0.00020	(81092521)	364828.56	3766457.50	0.00020	(81061823)
364848.56	3766457.50	0.00021	(81051621)	364868.56	3766457.50	0.00021	(81112905)
364888.56	3766457.50	0.00022	(81051304)	364908.56	3766457.50	0.00022	(81041903)
364928.56	3766457.50	0.00023	(81082422)	364948.56	3766457.50	0.00023	(81081921)
364968.56	3766457.50	0.00023	(81101905)	364988.56	3766457.50	0.00025	(81010918)
365008.56	3766457.50	0.00026	(81043024)	365028.56	3766457.50	0.00027	(81031104)
365048.56	3766457.50	0.00030	(81091802)	365068.56	3766457.50	0.00031	(81110319)
365088.56	3766457.50	0.00033	(81042120)	365108.56	3766457.50	0.00034	(81102723)
365128.56	3766457.50	0.00035	(81120901)	365148.56	3766457.50	0.00038	(81051620)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365168.56	3766457.50	0.00039	(81081222)	365188.56	3766457.50	0.00042	(81032105)
365208.56	3766457.50	0.00040	(81032121)	364743.56	3766232.50	0.00035	(81070406)
364768.56	3766232.50	0.00035	(81030604)	364793.56	3766232.50	0.00032	(81111008)
364818.56	3766232.50	0.00030	(81101206)	364843.56	3766232.50	0.00028	(81122321)
364868.56	3766232.50	0.00026	(81011205)	364893.56	3766232.50	0.00025	(81122006)
364918.56	3766232.50	0.00023	(81040306)	364943.56	3766232.50	0.00022	(81011201)
364968.56	3766232.50	0.00021	(81012102)	364993.56	3766232.50	0.00020	(81020602)
365018.56	3766232.50	0.00019	(81011222)	365043.56	3766232.50	0.00018	(81020324)
365068.56	3766232.50	0.00018	(81101823)	365093.56	3766232.50	0.00018	(81101723)
365118.56	3766232.50	0.00017	(81111624)	365143.56	3766232.50	0.00017	(81052101)
365168.56	3766232.50	0.00017	(81101002)	365193.56	3766232.50	0.00016	(81050403)
365218.56	3766232.50	0.00016	(81030907)	365243.56	3766232.50	0.00016	(81080302)
364743.56	3766257.50	0.00042	(81021003)	365218.56	3766257.50	0.00018	(81122622)
365243.56	3766257.50	0.00018	(81050503)	364743.56	3766282.50	0.00047	(81042105)
365218.56	3766282.50	0.00021	(81012603)	365243.56	3766282.50	0.00021	(81120306)
364743.56	3766307.50	0.00050	(81111020)	365218.56	3766307.50	0.00025	(81060301)
365243.56	3766307.50	0.00025	(81050424)	364743.56	3766332.50	0.00049	(81081505)
365218.56	3766332.50	0.00031	(81021607)	365243.56	3766332.50	0.00031	(81050901)
364743.56	3766357.50	0.00039	(81010319)	365218.56	3766357.50	0.00037	(81082102)
365243.56	3766357.50	0.00038	(81050623)	364743.56	3766382.50	0.00034	(81080406)
365218.56	3766382.50	0.00042	(81010201)	365243.56	3766382.50	0.00044	(81020801)
364743.56	3766407.50	0.00027	(81022323)	365218.56	3766407.50	0.00043	(81030706)
365243.56	3766407.50	0.00047	(81022105)	364743.56	3766432.50	0.00022	(81040524)
365218.56	3766432.50	0.00044	(81040221)	365243.56	3766432.50	0.00046	(81082002)
364743.56	3766457.50	0.00019	(81032521)	365218.56	3766457.50	0.00046	(81100701)
365243.56	3766457.50	0.00043	(81040706)	364743.56	3766482.50	0.00016	(81030324)
364768.56	3766482.50	0.00017	(81082122)	364793.56	3766482.50	0.00017	(81010609)
364818.56	3766482.50	0.00017	(81041903)	364843.56	3766482.50	0.00018	(81081921)
364868.56	3766482.50	0.00018	(81010221)	364893.56	3766482.50	0.00018	(81092724)
364918.56	3766482.50	0.00019	(81041703)	364943.56	3766482.50	0.00019	(81121202)
364968.56	3766482.50	0.00020	(81022218)	364993.56	3766482.50	0.00021	(81081601)
365018.56	3766482.50	0.00022	(81010918)	365043.56	3766482.50	0.00024	(81071621)
365068.56	3766482.50	0.00025	(81090221)	365093.56	3766482.50	0.00027	(81081620)
365118.56	3766482.50	0.00029	(81061103)	365143.56	3766482.50	0.00031	(81071722)
365168.56	3766482.50	0.00033	(81010120)	365193.56	3766482.50	0.00034	(81060322)
365218.56	3766482.50	0.00038	(81071123)	365243.56	3766482.50	0.00037	(81010722)
364718.56	3766207.50	0.00029	(81011924)	364768.56	3766207.50	0.00027	(81101206)
364818.56	3766207.50	0.00024	(81011205)	364868.56	3766207.50	0.00022	(81110308)
364918.56	3766207.50	0.00020	(81022522)	364968.56	3766207.50	0.00018	(81020602)
365018.56	3766207.50	0.00016	(81050804)	365068.56	3766207.50	0.00016	(81101324)

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*** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365118.56	3766207.50	0.00015	(81111908)	365168.56	3766207.50	0.00015	(81101704)
365218.56	3766207.50	0.00014	(81091306)	365268.56	3766207.50	0.00014	(81010921)
364718.56	3766257.50	0.00039	(81082024)	365268.56	3766257.50	0.00017	(81050123)
364718.56	3766307.50	0.00044	(81010206)	365268.56	3766307.50	0.00024	(81032705)
364718.56	3766357.50	0.00038	(81032802)	365268.56	3766357.50	0.00034	(81032621)
364718.56	3766407.50	0.00026	(81091322)	365268.56	3766407.50	0.00041	(81121919)
364718.56	3766457.50	0.00018	(81031804)	365268.56	3766457.50	0.00039	(81122508)
364718.56	3766507.50	0.00014	(81041903)	364768.56	3766507.50	0.00015	(81062501)
364818.56	3766507.50	0.00015	(81032523)	364868.56	3766507.50	0.00016	(81041305)
364918.56	3766507.50	0.00016	(81032806)	364968.56	3766507.50	0.00017	(81070522)
365018.56	3766507.50	0.00019	(81012301)	365068.56	3766507.50	0.00021	(81032922)
365118.56	3766507.50	0.00024	(81090620)	365168.56	3766507.50	0.00027	(81053122)
365218.56	3766507.50	0.00030	(81121606)	365268.56	3766507.50	0.00030	(81122424)
364668.56	3766157.50	0.00021	(81042007)	364743.56	3766157.50	0.00020	(81011203)
364818.56	3766157.50	0.00018	(81021002)	364893.56	3766157.50	0.00016	(81112922)
364968.56	3766157.50	0.00014	(81050804)	365043.56	3766157.50	0.00013	(81100802)
365118.56	3766157.50	0.00012	(81110305)	365193.56	3766157.50	0.00012	(81101122)
365268.56	3766157.50	0.00012	(81030802)	365343.56	3766157.50	0.00011	(81020701)
364668.56	3766232.50	0.00030	(81030308)	365268.56	3766232.50	0.00015	(81021605)
365343.56	3766232.50	0.00015	(81101421)	364668.56	3766307.50	0.00035	(81083103)
365268.56	3766307.50	0.00024	(81032705)	365343.56	3766307.50	0.00021	(81101702)
364668.56	3766382.50	0.00027	(81042107)	365268.56	3766382.50	0.00039	(81020106)
365343.56	3766382.50	0.00028	(81103022)	364668.56	3766457.50	0.00017	(81051302)
365268.56	3766457.50	0.00039	(81122508)	365343.56	3766457.50	0.00029	(81071902)
364668.56	3766532.50	0.00013	(81010708)	364743.56	3766532.50	0.00013	(81101123)
364818.56	3766532.50	0.00014	(81040623)	364893.56	3766532.50	0.00014	(81010318)
364968.56	3766532.50	0.00015	(81021219)	365043.56	3766532.50	0.00017	(81012605)
365118.56	3766532.50	0.00020	(81090904)	365193.56	3766532.50	0.00023	(81072824)
365268.56	3766532.50	0.00026	(81082724)	365343.56	3766532.50	0.00023	(81072424)
364568.56	3766057.50	0.00014	(81101206)	364668.56	3766057.50	0.00014	(81070401)
364768.56	3766057.50	0.00013	(81011905)	364868.56	3766057.50	0.00011	(81012024)
364968.56	3766057.50	0.00010	(81031205)	365068.56	3766057.50	0.00010	(81011602)
365168.56	3766057.50	0.00009	(81050406)	365268.56	3766057.50	0.00009	(81042707)
365368.56	3766057.50	0.00009	(81110923)	364568.56	3766157.50	0.00019	(81112923)
365368.56	3766157.50	0.00011	(81061422)	364568.56	3766257.50	0.00023	(81111022)
365368.56	3766257.50	0.00016	(81090301)	364568.56	3766357.50	0.00021	(81032802)
365368.56	3766357.50	0.00024	(81091907)	364568.56	3766457.50	0.00015	(81061202)
365368.56	3766457.50	0.00026	(81101906)	364568.56	3766557.50	0.00011	(81041903)
365368.56	3766557.50	0.00021	(81091807)	364568.56	3766657.50	0.00009	(81080407)
364668.56	3766657.50	0.00009	(81012307)	364768.56	3766657.50	0.00009	(81060503)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

NOxDemo.POU.txt
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364868.56	3766657.50	0.00010	(81020202)	364968.56	3766657.50	0.00010	(81032601)
365068.56	3766657.50	0.00011	(81101904)	365168.56	3766657.50	0.00012	(81052323)
365268.56	3766657.50	0.00014	(81081019)	365368.56	3766657.50	0.00014	(81012606)
364268.56	3765757.50	0.00007	(81040303)	364393.56	3765757.50	0.00007	(81022805)
364518.56	3765757.50	0.00007	(81052106)	364643.56	3765757.50	0.00007	(81031404)
364768.56	3765757.50	0.00007	(81111906)	364893.56	3765757.50	0.00006	(81122804)
365018.56	3765757.50	0.00006	(81122705)	365143.56	3765757.50	0.00006	(81121401)
365268.56	3765757.50	0.00006	(81012023)	365393.56	3765757.50	0.00005	(81111724)
365518.56	3765757.50	0.00005	(81050605)	365643.56	3765757.50	0.00005	(81013105)
365768.56	3765757.50	0.00005	(81101324)	364268.56	3765882.50	0.00008	(81111008)
364393.56	3765882.50	0.00008	(81110108)	364518.56	3765882.50	0.00009	(81112503)
364643.56	3765882.50	0.00009	(81112922)	364768.56	3765882.50	0.00008	(81050804)
364893.56	3765882.50	0.00008	(81020802)	365018.56	3765882.50	0.00007	(81121124)
365143.56	3765882.50	0.00007	(81010705)	365268.56	3765882.50	0.00007	(81020403)
365393.56	3765882.50	0.00006	(81101424)	365518.56	3765882.50	0.00006	(81082202)
365643.56	3765882.50	0.00006	(81061802)	365768.56	3765882.50	0.00006	(81101402)
364268.56	3766007.50	0.00009	(81042807)	364393.56	3766007.50	0.00011	(81040607)
364518.56	3766007.50	0.00012	(81122321)	364643.56	3766007.50	0.00012	(81040306)
364768.56	3766007.50	0.00011	(81120407)	364893.56	3766007.50	0.00010	(81111906)
365018.56	3766007.50	0.00009	(81020321)	365143.56	3766007.50	0.00008	(81010707)
365268.56	3766007.50	0.00008	(81111803)	365393.56	3766007.50	0.00008	(81031603)
365518.56	3766007.50	0.00007	(81020324)	365643.56	3766007.50	0.00007	(81061422)
365768.56	3766007.50	0.00006	(81021407)	364268.56	3766132.50	0.00010	(81020723)
364393.56	3766132.50	0.00013	(81042822)	364518.56	3766132.50	0.00016	(81112923)
365518.56	3766132.50	0.00009	(81080302)	365643.56	3766132.50	0.00008	(81071805)
365768.56	3766132.50	0.00007	(81100401)	364268.56	3766257.50	0.00011	(81081922)
364393.56	3766257.50	0.00014	(81100406)	364518.56	3766257.50	0.00020	(81111020)
365518.56	3766257.50	0.00013	(81022601)	365643.56	3766257.50	0.00010	(81092503)
365768.56	3766257.50	0.00009	(81042003)	364268.56	3766382.50	0.00010	(81092922)
364393.56	3766382.50	0.00013	(81080307)	364518.56	3766382.50	0.00018	(81100820)
365518.56	3766382.50	0.00016	(81111924)	365643.56	3766382.50	0.00012	(81051702)
365768.56	3766382.50	0.00009	(81050405)	364268.56	3766507.50	0.00009	(81092823)
364393.56	3766507.50	0.00011	(81061202)	364518.56	3766507.50	0.00012	(81122807)
365518.56	3766507.50	0.00016	(81082002)	365643.56	3766507.50	0.00012	(81033022)
365768.56	3766507.50	0.00010	(81122907)	364268.56	3766632.50	0.00008	(81123106)
364393.56	3766632.50	0.00008	(81010609)	364518.56	3766632.50	0.00009	(81092223)
365518.56	3766632.50	0.00013	(81113006)	365643.56	3766632.50	0.00011	(81081020)
365768.56	3766632.50	0.00009	(81020320)	364268.56	3766757.50	0.00006	(81011618)
364393.56	3766757.50	0.00007	(81070323)	364518.56	3766757.50	0.00007	(81012307)
364643.56	3766757.50	0.00007	(81110120)	364768.56	3766757.50	0.00008	(81122401)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364893.56	3766757.50	0.00008	(81062923)	365018.56	3766757.50	0.00008	(81052621)
365143.56	3766757.50	0.00009	(81081407)	365268.56	3766757.50	0.00010	(81110304)
365393.56	3766757.50	0.00011	(81011317)	365518.56	3766757.50	0.00010	(81070303)
365643.56	3766757.50	0.00009	(81051821)	365768.56	3766757.50	0.00008	(81030819)
364268.56	3766882.50	0.00005	(81022308)	364393.56	3766882.50	0.00006	(81033107)
364518.56	3766882.50	0.00006	(81040621)	364643.56	3766882.50	0.00006	(81111907)
364768.56	3766882.50	0.00006	(81102024)	364893.56	3766882.50	0.00006	(81040421)
365018.56	3766882.50	0.00007	(81072401)	365143.56	3766882.50	0.00007	(81041522)
365268.56	3766882.50	0.00008	(81110719)	365393.56	3766882.50	0.00008	(81123200)
365518.56	3766882.50	0.00008	(81032919)	365643.56	3766882.50	0.00008	(81053122)
365768.56	3766882.50	0.00007	(81091120)	364268.56	3767007.50	0.00005	(81112424)
364393.56	3767007.50	0.00005	(81110120)	364518.56	3767007.50	0.00005	(81012003)
364643.56	3767007.50	0.00005	(81042923)	364768.56	3767007.50	0.00005	(81041101)
364893.56	3767007.50	0.00006	(81121704)	365018.56	3767007.50	0.00006	(81102201)
365143.56	3767007.50	0.00006	(81112604)	365268.56	3767007.50	0.00006	(81120618)
365393.56	3767007.50	0.00007	(81011922)	365518.56	3767007.50	0.00007	(81091321)
365643.56	3767007.50	0.00006	(81102221)	365768.56	3767007.50	0.00006	(81081405)
364787.78	3766259.50	0.00040	(81112923)	365206.84	3766357.75	0.00040	(81031821)
365180.28	3766456.25	0.00043	(81020424)	364769.34	3766358.25	0.00042	(81070606)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.00011 AT (365068.56, 3766437.50,	0.00, 0.00)	DC NA
	2ND HIGHEST VALUE IS	0.00011 AT (365008.56, 3766417.50,	0.00, 0.00)	DC NA
	3RD HIGHEST VALUE IS	0.00011 AT (365028.56, 3766437.50,	0.00, 0.00)	DC NA
	4TH HIGHEST VALUE IS	0.00011 AT (364928.56, 3766397.50,	0.00, 0.00)	DC NA
	5TH HIGHEST VALUE IS	0.00011 AT (365048.56, 3766437.50,	0.00, 0.00)	DC NA
	6TH HIGHEST VALUE IS	0.00011 AT (364988.56, 3766417.50,	0.00, 0.00)	DC NA

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

1 *** ISC3P - VERSION 04269 ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT

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

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

NOxDemo.POU.txt

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR	(XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.00050	ON 81111020: AT (	364743.56, 3766307.50,	0.00,	0.00) DC NA

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

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DFAULT

*** Message Summary : ISC3P Model Execution ***
 ----- Summary of Total Messages -----
 A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 1673 Informational Message(s)
 A Total of 1673 Calm Hours Identified

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

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISC3P Finishes Successfully ***

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PM10

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**
*****
**
** ISC-PRIME Input Produced by:
** AERMOD View Ver. 6.0.0
** Lakes Environmental Software Inc.
** Date: 8/31/2009
** File: C:\AERMOD Projects\EXPO\Expo LST\ISC3 runs\Demo\Test\PM10demo.PIN
**
*****
**
**
*****
** ISC-PRIME Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc
  MODELOPT DFAULT CONC URBAN
  AVERTIME 24 ANNUAL
  POLLUTID PM-10
  TERRHGTs FLAT
  RUNORNOT RUN
CO FINISHED
**
*****
** ISC-PRIME Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** LOCATION AREA1 AREA 364796.290 3766260.790
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE1
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.2E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364785.07, 3766272.26, 0.00, 5.00, 0.0
** 365204.52, 3766371.86, 0.00, 5.00, 17.38
** -----
** LOCATION L0008913 VOLUME 364794.793 3766274.558
** LOCATION L0008914 VOLUME 364831.157 3766283.184
** LOCATION L0008915 VOLUME 364867.521 3766291.810
** LOCATION L0008916 VOLUME 364903.886 3766300.435
** LOCATION L0008917 VOLUME 364940.250 3766309.061
** LOCATION L0008918 VOLUME 364976.615 3766317.687
** LOCATION L0008919 VOLUME 365012.979 3766326.313
** LOCATION L0008920 VOLUME 365049.344 3766334.939
** LOCATION L0008921 VOLUME 365085.708 3766343.565
** LOCATION L0008922 VOLUME 365122.072 3766352.190
** LOCATION L0008923 VOLUME 365158.437 3766360.816
** LOCATION L0008924 VOLUME 365194.801 3766369.442
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE2
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.2E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364781.36, 3766292.87, 0.00, 5.00, 0.0
** 365201.75, 3766392.48, 0.00, 5.00, 17.42
** -----
** LOCATION L0008925 VOLUME 364791.105 3766295.059
** LOCATION L0008926 VOLUME 364827.552 3766303.707
** LOCATION L0008927 VOLUME 364863.999 3766312.356
** LOCATION L0008928 VOLUME 364900.445 3766321.004
** LOCATION L0008929 VOLUME 364936.892 3766329.652
** LOCATION L0008930 VOLUME 364973.339 3766338.301
** LOCATION L0008931 VOLUME 365009.786 3766346.949
** LOCATION L0008932 VOLUME 365046.233 3766355.598
** LOCATION L0008933 VOLUME 365082.680 3766364.246
** LOCATION L0008934 VOLUME 365119.126 3766372.894
** LOCATION L0008935 VOLUME 365155.573 3766381.543
** LOCATION L0008936 VOLUME 365192.020 3766390.191
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE3
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.2E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364778.52, 3766312.48, 0.00, 5.00, 0.0
** 365197.51, 3766411.14, 0.00, 5.00, 17.36
** -----
** LOCATION L0008937 VOLUME 364788.265 3766314.794
** LOCATION L0008938 VOLUME 364824.583 3766323.354
** LOCATION L0008939 VOLUME 364860.901 3766331.914
** LOCATION L0008940 VOLUME 364897.220 3766340.475
** LOCATION L0008941 VOLUME 364933.538 3766349.035
** LOCATION L0008942 VOLUME 364969.856 3766357.595
** LOCATION L0008943 VOLUME 365006.175 3766366.155
** LOCATION L0008944 VOLUME 365042.493 3766374.715
** LOCATION L0008945 VOLUME 365078.812 3766383.275
** LOCATION L0008946 VOLUME 365115.130 3766391.836
** LOCATION L0008947 VOLUME 365151.448 3766400.396
** LOCATION L0008948 VOLUME 365187.767 3766408.956
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE4
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.2E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33

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** Nodes = 2
** 364774.31, 3766331.61, 0.00, 5.00, 0.0
** 365193.30, 3766430.75, 0.00, 5.00, 17.36
**
-----
LOCATION L0008949 VOLUME 364784.043 3766333.805
LOCATION L0008950 VOLUME 364820.362 3766342.409
LOCATION L0008951 VOLUME 364856.681 3766351.012
LOCATION L0008952 VOLUME 364893.000 3766359.616
LOCATION L0008953 VOLUME 364929.319 3766368.220
LOCATION L0008954 VOLUME 364965.637 3766376.823
LOCATION L0008955 VOLUME 365001.956 3766385.427
LOCATION L0008956 VOLUME 365038.275 3766394.030
LOCATION L0008957 VOLUME 365074.594 3766402.634
LOCATION L0008958 VOLUME 365110.913 3766411.238
LOCATION L0008959 VOLUME 365147.232 3766419.841
LOCATION L0008960 VOLUME 365183.551 3766428.445
** End of Line Source
** Line Source represented by Separated Volume Sources
**
-----
** LINE Source ID = SLINES
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.2E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364771.54, 3766348.80, 0.00, 5.00, 0.0
** 365190.53, 3766448.40, 0.00, 5.00, 17.37
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LOCATION L0008962 VOLUME 364817.582 3766359.713
LOCATION L0008963 VOLUME 364853.904 3766368.360
LOCATION L0008964 VOLUME 364890.226 3766377.007
LOCATION L0008965 VOLUME 364926.548 3766385.654
LOCATION L0008966 VOLUME 364962.870 3766394.301
LOCATION L0008967 VOLUME 364999.192 3766402.949
LOCATION L0008968 VOLUME 365035.514 3766411.596
LOCATION L0008969 VOLUME 365071.837 3766420.243
LOCATION L0008970 VOLUME 365108.159 3766428.890
LOCATION L0008971 VOLUME 365144.481 3766437.537
LOCATION L0008972 VOLUME 365180.803 3766446.184
** End of Line Source
** Source Parameters **
SRCPARAM AREA1 1.17E-07 1.000 418.020 101.120 346.731
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SRCPARAM L0008972 1.0E-09 5.00 17.37 2.33
SRCGROUP ALL
SO FINISHED
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*****
** ISC-PRIME Receptor Pathway
*****
**
**
RE STARTING
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DISCCART 364925.03 3766265.02
DISCCART 364810.05 3766234.54

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DISCCART 365093.68 3766116.99
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** BEGIN OF NESTED GRID RECEPTORS

** Nested Grid ID = NSTD2
** Grid Count = 5
** Receptor Count = 417
** X Origin of Bounding Box = 364768.57
** Y Origin of Bounding Box = 3766257.55
** X Size of Bounding Box = 440.00
** Y Size of Bounding Box = 200.00
** Grid #1: Distance from Bounding Box = 25.00 Spacing = 25.00
** Grid #2: Distance from Bounding Box = 50.00 Spacing = 50.00
** Grid #3: Distance from Bounding Box = 100.00 Spacing = 75.00
** Grid #4: Distance from Bounding Box = 200.00 Spacing = 100.00
** Grid #5: Distance from Bounding Box = 500.00 Spacing = 125.00
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DISCCART 365518.57 3767007.55
DISCCART 365643.57 3767007.55
DISCCART 365768.57 3767007.55
** -----
** END OF NESTED GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name SITE
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART 364787.78 3766259.45
DISCCART 365206.82 3766357.85
DISCCART 365180.28 3766456.25
DISCCART 364769.34 3766358.20
RE FINISHED
**
*****
** ISC-PRIME Meteorology Pathway
*****
**
**
ME STARTING
INPUTFIL C:\AERMOD~1\METDAT~1\WESTLA.ASC
ANEMHGH 97 METERS
SURFDATA 52158 1981
UAIRDATA 91919 1981
ME FINISHED
**
*****
** ISC-PRIME Output Pathway
*****
**
**

```

OU STARTING
 RECTABLE ALLAVE 1ST 6TH
 RECTABLE 24 1ST 6TH
 ** Auto-Generated Plotfiles
 PLOTFILE 24 ALL 1ST PM10DEMO.PR\24H1GALL.PLT
 PLOTFILE 24 ALL 6TH PM10DEMO.PR\24H6GALL.PLT
 PLOTFILE ANNUAL ALL PM10DEMO.PR\AN00GALL.PLT
 OU FINISHED

*** Message Summary For ISC3P Model Setup ***

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

A Total of 0 Fatal Error Message(s)
 A Total of 1 Warning Message(s)
 A Total of 0 Informational Message(s)

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

***** WARNING MESSAGES *****
 SO W320 162 APARAM :Source Parameter May Be Out-of-Range for Parameter ANGLE

 *** SETUP Finishes Successfully ***

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PAGE 1

**MODELOPTS: CONC URBAN FLAT DEFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --
 **Model Uses NO DRY DEPLETION. DDPLETE = F
 **Model Uses NO WET DEPLETION. WDPLETE = F
 **NO WET SCAVENGING Data Provided.
 **Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations
 **Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
 1. Final Plume Rise.
 2. Stack-tip Downwash.
 3. Buoyancy-induced Dispersion.
 4. Use Calms Processing Routine.
 5. Not Use Missing Data Processing Routine.
 6. Default wind Profile Exponents.
 7. Default Vertical Potential Temperature Gradients.
 8. "Upper Bound" values for Supersquat Buildings.
 9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 61 Source(s); 1 Source Group(s); and 438 Receptor(s)

**The Model Assumes A Pollutant Type of: PM-10

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

**Output Options Selected:
 Model Outputs Tables of ANNUAL Averages by Receptor
 Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
 Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

**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: Anem. Hgt. (m) = 97.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

PAGE 2

**MODELOPTS: CONC URBAN FLAT DEFAULT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0008913	0	0.10000E-08	364794.8	3766274.5	0.0	5.00	17.38	2.33	
L0008914	0	0.10000E-08	364831.2	3766283.0	0.0	5.00	17.38	2.33	
L0008915	0	0.10000E-08	364867.5	3766291.8	0.0	5.00	17.38	2.33	
L0008916	0	0.10000E-08	364903.9	3766300.5	0.0	5.00	17.38	2.33	
L0008917	0	0.10000E-08	364940.2	3766309.0	0.0	5.00	17.38	2.33	
L0008918	0	0.10000E-08	364976.6	3766317.5	0.0	5.00	17.38	2.33	
L0008919	0	0.10000E-08	365013.0	3766326.2	0.0	5.00	17.38	2.33	
L0008920	0	0.10000E-08	365049.3	3766335.0	0.0	5.00	17.38	2.33	
L0008921	0	0.10000E-08	365085.7	3766343.5	0.0	5.00	17.38	2.33	
L0008922	0	0.10000E-08	365122.1	3766352.0	0.0	5.00	17.38	2.33	
L0008923	0	0.10000E-08	365158.4	3766360.8	0.0	5.00	17.38	2.33	
L0008924	0	0.10000E-08	365194.8	3766369.5	0.0	5.00	17.38	2.33	
L0008925	0	0.10000E-08	364791.1	3766295.0	0.0	5.00	17.42	2.33	
L0008926	0	0.10000E-08	364827.6	3766303.8	0.0	5.00	17.42	2.33	
L0008927	0	0.10000E-08	364864.0	3766312.2	0.0	5.00	17.42	2.33	
L0008928	0	0.10000E-08	364900.4	3766321.0	0.0	5.00	17.42	2.33	
L0008929	0	0.10000E-08	364936.9	3766329.5	0.0	5.00	17.42	2.33	

PM10demo.POU.txt
L0008930 0 0.10000E-08 364973.3 3766338.2 0.0 5.00 17.42 2.33
L0008931 0 0.10000E-08 365009.8 3766347.0 0.0 5.00 17.42 2.33
L0008932 0 0.10000E-08 365046.2 3766355.5 0.0 5.00 17.42 2.33
L0008933 0 0.10000E-08 365082.7 3766364.2 0.0 5.00 17.42 2.33
L0008934 0 0.10000E-08 365119.1 3766372.8 0.0 5.00 17.42 2.33
L0008935 0 0.10000E-08 365155.6 3766381.5 0.0 5.00 17.42 2.33
L0008936 0 0.10000E-08 365192.0 3766390.0 0.0 5.00 17.42 2.33
L0008937 0 0.10000E-08 364788.2 3766314.8 0.0 5.00 17.36 2.33
L0008938 0 0.10000E-08 364824.6 3766323.2 0.0 5.00 17.36 2.33
L0008939 0 0.10000E-08 364860.9 3766332.0 0.0 5.00 17.36 2.33
L0008940 0 0.10000E-08 364897.2 3766340.5 0.0 5.00 17.36 2.33
L0008941 0 0.10000E-08 364933.5 3766349.0 0.0 5.00 17.36 2.33
L0008942 0 0.10000E-08 364969.9 3766357.5 0.0 5.00 17.36 2.33
L0008943 0 0.10000E-08 365006.2 3766366.0 0.0 5.00 17.36 2.33
L0008944 0 0.10000E-08 365042.5 3766374.8 0.0 5.00 17.36 2.33
L0008945 0 0.10000E-08 365078.8 3766383.2 0.0 5.00 17.36 2.33
L0008946 0 0.10000E-08 365115.1 3766391.8 0.0 5.00 17.36 2.33
L0008947 0 0.10000E-08 365151.4 3766400.2 0.0 5.00 17.36 2.33
L0008948 0 0.10000E-08 365187.8 3766409.0 0.0 5.00 17.36 2.33
L0008949 0 0.10000E-08 364784.0 3766333.8 0.0 5.00 17.36 2.33
L0008950 0 0.10000E-08 364820.4 3766342.5 0.0 5.00 17.36 2.33
L0008951 0 0.10000E-08 364856.7 3766351.0 0.0 5.00 17.36 2.33
L0008952 0 0.10000E-08 364893.0 3766359.5 0.0 5.00 17.36 2.33
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 3

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0008953	0	0.10000E-08	364929.3	3766368.2	0.0	5.00	17.36	2.33	
L0008954	0	0.10000E-08	364965.6	3766376.8	0.0	5.00	17.36	2.33	
L0008955	0	0.10000E-08	365002.0	3766385.5	0.0	5.00	17.36	2.33	
L0008956	0	0.10000E-08	365038.2	3766394.0	0.0	5.00	17.36	2.33	
L0008957	0	0.10000E-08	365074.6	3766402.5	0.0	5.00	17.36	2.33	
L0008958	0	0.10000E-08	365110.9	3766411.2	0.0	5.00	17.36	2.33	
L0008959	0	0.10000E-08	365147.2	3766419.8	0.0	5.00	17.36	2.33	
L0008960	0	0.10000E-08	365183.6	3766428.5	0.0	5.00	17.36	2.33	
L0008961	0	0.10000E-08	364781.2	3766351.0	0.0	5.00	17.37	2.33	
L0008962	0	0.10000E-08	364817.6	3766359.8	0.0	5.00	17.37	2.33	
L0008963	0	0.10000E-08	364853.9	3766368.2	0.0	5.00	17.37	2.33	
L0008964	0	0.10000E-08	364890.2	3766377.0	0.0	5.00	17.37	2.33	
L0008965	0	0.10000E-08	364926.5	3766385.5	0.0	5.00	17.37	2.33	
L0008966	0	0.10000E-08	364962.9	3766394.2	0.0	5.00	17.37	2.33	
L0008967	0	0.10000E-08	364999.2	3766403.0	0.0	5.00	17.37	2.33	
L0008968	0	0.10000E-08	365035.5	3766411.5	0.0	5.00	17.37	2.33	
L0008969	0	0.10000E-08	365071.8	3766420.2	0.0	5.00	17.37	2.33	
L0008970	0	0.10000E-08	365108.2	3766428.8	0.0	5.00	17.37	2.33	
L0008971	0	0.10000E-08	365144.5	3766437.5	0.0	5.00	17.37	2.33	
L0008972	0	0.10000E-08	365180.8	3766446.0	0.0	5.00	17.37	2.33	
1 *** ISC3P - VERSION 04269 ***			*** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc						***
			***						***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 4

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
AREA1	0	0.11700E-06	364796.3	3766260.8	0.0	1.00	418.02	101.12	346.73	0.00	
1 *** ISC3P - VERSION 04269 ***			*** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc								***
			***								***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 5

*** SOURCE IDS DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDS

ALL AREA1 , L0008913, L0008914, L0008915, L0008916, L0008917, L0008918, L0008919, L0008920, L0008921, L0008922, L0008923, L0008924, L0008925, L0008926, L0008927, L0008928, L0008929, L0008930, L0008931, L0008932, L0008933, L0008934, L0008935, L0008936, L0008937, L0008938, L0008939, L0008940, L0008941, L0008942, L0008943, L0008944, L0008945, L0008946, L0008947, L0008948, L0008949, L0008950, L0008951, L0008952, L0008953, L0008954, L0008955, L0008956, L0008957, L0008958, L0008959, L0008960, L0008961, L0008962, L0008963, L0008964, L0008965, L0008966, L0008967, L0008968, L0008969, L0008970, L0008971, L0008972,

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 6

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

(365195.6, 3766329.2,	0.0,	0.0);	(365046.7, 3766293.0,	0.0,	0.0);
(364925.0, 3766265.0,	0.0,	0.0);	(364810.1, 3766234.5,	0.0,	0.0);
(365230.9, 3766352.8,	0.0,	0.0);	(365358.0, 3766388.0,	0.0,	0.0);
(365384.3, 3766356.8,	0.0,	0.0);	(365410.7, 3766309.8,	0.0,	0.0);
(365214.2, 3766258.2,	0.0,	0.0);	(365061.9, 3766221.0,	0.0,	0.0);
(364950.5, 3766192.8,	0.0,	0.0);	(364852.0, 3766170.2,	0.0,	0.0);
(364936.4, 3766071.0,	0.0,	0.0);	(365000.7, 3766093.8,	0.0,	0.0);
(365093.7, 3766117.0,	0.0,	0.0);	(365250.9, 3766158.5,	0.0,	0.0);
(365455.3, 3766211.8,	0.0,	0.0);	(364768.6, 3766257.5,	0.0,	0.0);
(364788.6, 3766257.5,	0.0,	0.0);	(364808.6, 3766257.5,	0.0,	0.0);
(364828.6, 3766257.5,	0.0,	0.0);	(364848.6, 3766257.5,	0.0,	0.0);
(364868.6, 3766257.5,	0.0,	0.0);	(364888.6, 3766257.5,	0.0,	0.0);

PM10demo.POU.txt
(365268.6, 3766882.5, 0.0, 0.0); (365393.6, 3766882.5, 0.0, 0.0);
(365518.6, 3766882.5, 0.0, 0.0); (365643.6, 3766882.5, 0.0, 0.0);
(365768.6, 3766882.5, 0.0, 0.0); (364268.6, 3767007.5, 0.0, 0.0);
(364393.6, 3767007.5, 0.0, 0.0); (364518.6, 3767007.5, 0.0, 0.0);
(364643.6, 3767007.5, 0.0, 0.0); (364768.6, 3767007.5, 0.0, 0.0);
(364893.6, 3767007.5, 0.0, 0.0); (365018.6, 3767007.5, 0.0, 0.0);
(365143.6, 3767007.5, 0.0, 0.0); (365268.6, 3767007.5, 0.0, 0.0);
(365393.6, 3767007.5, 0.0, 0.0); (365518.6, 3767007.5, 0.0, 0.0);
(365643.6, 3767007.5, 0.0, 0.0); (365768.6, 3767007.5, 0.0, 0.0);
(364787.8, 3766259.5, 0.0, 0.0); (365206.8, 3766357.8, 0.0, 0.0);
(365180.3, 3766456.2, 0.0, 0.0); (364769.3, 3766358.2, 0.0, 0.0);
1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR XR (METERS)	LOCATION -- YR (METERS)	DISTANCE (METERS)
L0008913	364768.6	3766257.5	-6.12
L0008913	364788.6	3766257.5	-19.27
L0008913	364808.6	3766257.5	-15.48
L0008913	364828.6	3766257.5	0.45
L0008913	364768.6	3766277.5	-10.98
L0008913	364768.6	3766297.5	-2.49
L0008913	364787.8	3766259.5	-20.81
L0008914	364808.6	3766257.5	-3.30
L0008914	364828.6	3766257.5	-11.74
L0008914	364848.6	3766257.5	-6.49
L0008914	364868.6	3766277.5	0.44
L0008915	364868.6	3766257.5	-3.10
L0008915	364868.6	3766277.5	-23.08
L0008915	364888.6	3766277.5	-11.96
L0008916	364888.6	3766277.5	-9.72
L0008916	364908.6	3766277.5	-13.90
L0008916	364928.6	3766277.5	-3.65
L0008917	364928.6	3766277.5	-3.77
L0008917	364948.6	3766277.5	-4.79
L0008917	364968.6	3766297.5	-6.81
L0008918	364968.6	3766297.5	-15.81
L0008918	364988.6	3766297.5	-14.06
L0008918	365008.6	3766297.5	0.34
L0008919	364988.6	3766297.5	0.35
L0008919	365008.6	3766297.5	-8.28
L0008919	365028.6	3766297.5	-4.66
L0008919	365048.6	3766317.5	-0.71
L0008920	365048.6	3766297.5	0.14
L0008920	365048.6	3766317.5	-19.85
L0008920	365068.6	3766317.5	-11.37
L0008921	365068.6	3766317.5	-6.23
L0008921	365088.6	3766317.5	-11.21
L0008921	365108.6	3766317.5	-2.74
L0008922	365108.6	3766317.5	-0.32
L0008922	365128.6	3766317.5	-2.26
L0008922	365128.6	3766337.5	-21.48
L0008922	365148.6	3766337.5	-7.16
L0008923	365128.6	3766337.5	0.49
L0008923	365148.6	3766337.5	-12.11
L0008923	365168.6	3766337.5	-12.01

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR XR (METERS)	LOCATION -- YR (METERS)	DISTANCE (METERS)
L0008923	365188.6	3766337.5	0.69
L0008924	365188.6	3766337.5	-4.76
L0008924	365208.6	3766337.5	-2.54
L0008924	365208.6	3766357.5	-19.12
L0008924	365208.6	3766377.5	-21.46
L0008924	365208.6	3766397.5	-6.17
L0008924	365218.6	3766357.5	-10.76
L0008924	365218.6	3766382.5	-10.29
L0008924	365206.8	3766357.8	-20.55
L0008925	364788.6	3766257.5	0.13
L0008925	364768.6	3766277.5	-8.92
L0008925	364768.6	3766297.5	-14.78
L0008925	364768.6	3766317.5	-5.61
L0008925	364787.8	3766259.5	-1.80
L0008927	364868.6	3766277.5	-2.40
L0008932	365048.6	3766317.5	0.62
L0008934	365128.6	3766337.5	-0.96
L0008936	365208.6	3766357.5	-0.99
L0008936	365208.6	3766377.5	-16.73
L0008936	365208.6	3766397.5	-19.30
L0008936	365208.6	3766417.5	-5.37
L0008936	365218.6	3766382.5	-9.88
L0008936	365218.6	3766407.5	-5.67
L0008936	365206.8	3766357.8	-1.96
L0008937	364768.6	3766297.5	-11.15
L0008937	364768.6	3766317.5	-17.45
L0008937	364768.6	3766337.5	-7.24
L0008948	365208.6	3766377.5	0.43
L0008948	365208.6	3766397.5	-13.55
L0008948	365208.6	3766417.5	-14.84
L0008948	365188.6	3766437.5	-8.81
L0008948	365208.6	3766437.5	-2.03
L0008948	365218.6	3766407.5	-6.48
L0008949	364768.6	3766317.5	-14.89
L0008949	364768.6	3766337.5	-21.41
L0008949	364768.6	3766357.5	-8.98
L0008949	364769.3	3766358.2	-8.76
L0008950	364808.6	3766377.5	-0.38
L0008950	364828.6	3766377.5	-1.38
L0008951	364848.6	3766377.5	-9.61

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS:  CONC

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URBAN FLAT

DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- XR	RECEPTOR (METERS)	LOCATION YR	-- (METERS)	DISTANCE (METERS)
L0008952		364888.6		3766397.5	0.93
L0008953		364908.6		3766397.5	-1.46
L0008953		364928.6		3766397.5	-8.06
L0008955		364988.6		3766417.5	-2.63
L0008955		365008.6		3766417.5	-4.65
L0008956		365008.6		3766417.5	0.54
L0008957		365068.6		3766437.5	-1.81
L0008957		365088.6		3766437.5	0.36
L0008958		365088.6		3766437.5	-2.83
L0008959		365148.6		3766457.5	0.45
L0008960		365208.6		3766417.5	-10.01
L0008960		365188.6		3766437.5	-27.03
L0008960		365208.6		3766437.5	-4.67
L0008960		365168.6		3766457.5	-7.90
L0008960		365188.6		3766457.5	0.96
L0008960		365208.6		3766437.5	-2.10
L0008960		365218.6		3766432.5	-9.38
L0008960		365180.3		3766456.2	-1.52
L0008961		364768.6		3766317.5	-18.82
L0008961		364768.6		3766337.5	-23.09
L0008961		364768.6		3766357.5	-7.96
L0008961		364768.6		3766377.5	-9.86
L0008961		364788.6		3766377.5	0.71
L0008961		364808.6		3766377.5	0.90
L0008961		364743.3		3766357.5	-23.41
L0008961		364769.3		3766358.2	-3.32
L0008962		364788.6		3766377.5	-17.43
L0008962		364808.6		3766377.5	-16.48
L0008962		364828.6		3766377.5	-1.65
L0008962		364848.6		3766377.5	-10.37
L0008963		364828.6		3766377.5	-26.66
L0008963		364848.6		3766377.5	-7.61
L0008963		364848.6		3766397.5	-4.63
L0008964		364868.6		3766397.5	-7.53
L0008964		364888.6		3766397.5	-16.78
L0008964		364908.6		3766397.5	-9.84
L0008965		364908.6		3766397.5	-15.74
L0008965		364928.6		3766397.5	-25.17
L0008965		364908.6		3766417.5	-0.66

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1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

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**MODELOPTS:  CONC
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URBAN FLAT

DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0008965	364928.6	3766417.5	-5.28
L0008966	364928.6	3766397.5	-2.88
L0008966	364948.6	3766417.5	-10.04
L0008966	364968.6	3766417.5	-13.41
L0008966	364988.6	3766417.5	-2.70
L0008967	364968.6	3766417.5	-3.46
L0008967	364988.6	3766417.5	-19.37
L0008967	365008.6	3766417.5	-20.08
L0008967	364988.6	3766437.5	-1.25
L0008967	365008.6	3766437.5	-1.59
L0008968	365008.6	3766417.5	-9.75
L0008968	365008.6	3766437.5	0.09
L0008968	365028.6	3766437.5	-10.44
L0008968	365048.6	3766437.5	-8.25
L0008969	365048.6	3766437.5	-8.37
L0008969	365068.6	3766437.5	-19.79
L0008969	365088.6	3766437.5	-13.32
L0008969	365068.6	3766457.5	0.05
L0008970	365088.6	3766437.5	-15.89
L0008970	365088.6	3766457.5	-2.55
L0008970	365108.6	3766457.5	-8.59
L0008970	365128.6	3766457.5	-2.09
L0008971	365128.6	3766457.5	-11.77
L0008971	365148.6	3766457.5	-16.94
L0008971	365168.6	3766457.5	-6.06
L0008972	365188.6	3766437.5	-25.84
L0008972	365208.6	3766437.5	-8.32
L0008972	365148.6	3766457.5	-3.11
L0008972	365168.6	3766457.5	-20.54
L0008972	365188.6	3766457.5	-23.48
L0008972	365208.6	3766457.5	-7.31
L0008972	365180.3	3766456.2	-27.00

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

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**MODELOPTs:  CONC

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URBAN FLAT

DFAULT

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

[illegible]

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	1	2	3	4	5	6
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

FILE: C:\AERMOD~1\METDAT~1\WESTLA.ASC
SURFACE STATION NO.: 52158
NAME: UNKNOWN
YEAR: 1981

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
UPPER AIR STATION NO.: 91919
NAME: UNKNOWN
YEAR: 1981

YEAR	MONTH	DAY	HOUR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-O (M)	IPCODE	PRATE (mm/HR)
81	1	1	1	67.3	1.00	285.9	7	387.1	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	2	79.9	1.00	286.5	7	397.2	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	3	62.5	1.00	285.9	6	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	4	98.5	1.00	285.9	5	417.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	5	354.0	1.00	285.4	4	427.4	427.4	0.0000	0.0	0.0000	0	0.00
81	1	1	6	139.5	1.00	283.7	5	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	7	94.5	1.00	283.7	6	447.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	8	112.2	1.00	284.3	5	70.1	201.5	0.0000	0.0	0.0000	0	0.00
81	1	1	9	186.5	1.00	287.0	4	144.7	254.3	0.0000	0.0	0.0000	0	0.00
81	1	1	10	256.6	1.00	291.5	3	219.4	307.0	0.0000	0.0	0.0000	0	0.00
81	1	1	11	314.1	1.00	294.8	2	294.0	359.8	0.0000	0.0	0.0000	0	0.00
81	1	1	12	35.6	2.68	290.9	3	368.7	412.5	0.0000	0.0	0.0000	0	0.00
81	1	1	13	64.7	2.24	289.8	3	443.3	465.3	0.0000	0.0	0.0000	0	0.00
81	1	1	14	34.2	2.24	290.4	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	15	44.8	1.34	290.4	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	16	53.2	1.79	289.3	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	17	42.6	0.00	288.1	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	18	30.1	1.00	287.6	5	518.0	468.5	0.0000	0.0	0.0000	0	0.00
81	1	1	19	20.5	0.00	287.0	6	518.0	425.9	0.0000	0.0	0.0000	0	0.00
81	1	1	20	55.7	1.00	287.0	7	518.0	383.4	0.0000	0.0	0.0000	0	0.00
81	1	1	21	43.6	0.00	287.6	7	518.0	340.8	0.0000	0.0	0.0000	0	0.00
81	1	1	22	137.0	1.00	287.0	7	518.0	298.2	0.0000	0.0	0.0000	0	0.00
81	1	1	23	90.7	1.00	286.5	7	518.0	255.6	0.0000	0.0	0.0000	0	0.00
81	1	1	24	67.2	1.00	286.5	6	518.0	213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREA1, L0008913, L0008914, L0008915, L0008916, L0008917, L0008918,
L0008919, L0008920, L0008921, L0008922, L0008923, L0008924, L0008925, L0008926, L0008927, L0008928, L0008929, L0008930,
L0008931, L0008932, L0008933, L0008934, L0008935, L0008936, L0008937, L0008938, L0008939, L0008940, L0008941, . . . ,

*** 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
365195.56	3766329.25	0.30268	365046.69	3766293.00	0.29766
364925.03	3766265.00	0.25358	364810.06	3766234.50	0.07743
365230.94	3766352.75	0.30050	365358.03	3766388.00	0.10241
365384.34	3766356.75	0.07799	365410.66	3766309.75	0.05413
365214.22	3766258.25	0.10551	365061.88	3766221.00	0.09676
364950.50	3766192.75	0.07358	364851.97	3766170.25	0.03549
364936.41	3766071.00	0.02045	365000.66	3766093.75	0.03106
365093.69	3766117.00	0.04242	365250.94	3766158.50	0.04712
365455.34	3766211.75	0.02980	364768.56	3766257.50	0.09111
364788.56	3766257.50	0.11948	364808.56	3766257.50	0.20184
364828.56	3766257.50	0.24576	364848.56	3766257.50	0.24880
364868.56	3766257.50	0.24135	364888.56	3766257.50	0.23060
364908.56	3766257.50	0.21911	364928.56	3766257.50	0.20793
364948.56	3766257.50	0.19739	364968.56	3766257.50	0.18754
364988.56	3766257.50	0.17844	365008.56	3766257.50	0.17002
365028.56	3766257.50	0.16218	365048.56	3766257.50	0.15492
365068.56	3766257.50	0.14818	365088.56	3766257.50	0.14192
365108.56	3766257.50	0.13615	365128.56	3766257.50	0.13087
365148.56	3766257.50	0.12589	365168.56	3766257.50	0.12064
365188.56	3766257.50	0.11423	365208.56	3766257.50	0.10689
364768.56	3766277.50	0.16517	364868.56	3766277.50	0.58958
364888.56	3766277.50	0.49020	364908.56	3766277.50	0.41882
364928.56	3766277.50	0.36551	364948.56	3766277.50	0.32551
364968.56	3766277.50	0.29429	364988.56	3766277.50	0.26902

PM10demo.POU.txt
365008.56 3766277.50 0.24800 365028.56 3766277.50 0.23016
365048.56 3766277.50 0.21468 365068.56 3766277.50 0.20109
365088.56 3766277.50 0.18907 365108.56 3766277.50 0.17835
365128.56 3766277.50 0.16881 365148.56 3766277.50 0.16018
365168.56 3766277.50 0.15183 365188.56 3766277.50 0.14232
365208.56 3766277.50 0.13133 364768.56 3766297.50 0.23822
364968.56 3766297.50 0.58785 364988.56 3766297.50 0.49128
365008.56 3766297.50 0.42136 365028.56 3766297.50 0.36945
365048.56 3766297.50 0.32923 365068.56 3766297.50 0.29716
365088.56 3766297.50 0.27078 365108.56 3766297.50 0.24867
365128.56 3766297.50 0.22985 365148.56 3766297.50 0.21360
365168.56 3766297.50 0.19897 365188.56 3766297.50 0.18387
365208.56 3766297.50 0.16634 364768.56 3766317.50 0.30366
365048.56 3766317.50 0.64668 365068.56 3766317.50 0.53542
365088.56 3766317.50 0.45421 365108.56 3766317.50 0.39322
365128.56 3766317.50 0.34678 365148.56 3766317.50 0.31009
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008913, L0008914, L0008915, L0008916, L0008917, L0008918,
L0008919, L0008920, L0008921, L0008922, L0008923, L0008924, L0008925, L0008926, L0008927, L0008928, L0008929, L0008930,
L0008931, L0008932, L0008933, L0008934, L0008935, L0008936, L0008937, L0008938, L0008939, L0008940, L0008941, . . . ,
*** 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
365168.56 3766317.50 0.27963 365188.56 3766317.50 0.25185
365208.56 3766317.50 0.22063 364768.56 3766337.50 0.36283
365128.56 3766337.50 0.67982 365148.56 3766337.50 0.55555
365168.56 3766337.50 0.46323 365188.56 3766337.50 0.39152
365208.56 3766337.50 0.32005 364768.56 3766357.50 0.37625
365208.56 3766357.50 0.56313 364768.56 3766377.50 0.23850
364788.56 3766377.50 0.38775 364808.56 3766377.50 0.62413
364828.56 3766377.50 0.90849 364848.56 3766377.50 1.23374
365208.56 3766377.50 0.84091 364768.56 3766397.50 0.17087
364788.56 3766397.50 0.23141 364808.56 3766397.50 0.31296
364828.56 3766397.50 0.41744 364848.56 3766397.50 0.53752
364868.56 3766397.50 0.67379 364888.56 3766397.50 0.83696
364908.56 3766397.50 1.04599 364928.56 3766397.50 1.32686
365208.56 3766397.50 0.85062 364768.56 3766417.50 0.13309
364788.56 3766417.50 0.16754 364808.56 3766417.50 0.20938
364828.56 3766417.50 0.26120 364848.56 3766417.50 0.32282
364868.56 3766417.50 0.39153 364888.56 3766417.50 0.46594
364908.56 3766417.50 0.54701 364928.56 3766417.50 0.63768
364948.56 3766417.50 0.74363 364968.56 3766417.50 0.87660
364988.56 3766417.50 1.05123 365008.56 3766417.50 1.30508
365208.56 3766417.50 0.79129 364768.56 3766437.50 0.10831
364788.56 3766437.50 0.13082 364808.56 3766437.50 0.15698
364828.56 3766437.50 0.18724 364848.56 3766437.50 0.22336
364868.56 3766437.50 0.26464 364888.56 3766437.50 0.30971
364908.56 3766437.50 0.35751 364928.56 3766437.50 0.40783
364948.56 3766437.50 0.46109 364968.56 3766437.50 0.51857
364988.56 3766437.50 0.58264 365008.56 3766437.50 0.65613
365028.56 3766437.50 0.74456 365048.56 3766437.50 0.85585
365068.56 3766437.50 1.00654 365088.56 3766437.50 1.22270
365188.56 3766437.50 1.22899 365208.56 3766437.50 0.69832
364768.56 3766457.50 0.09050 364788.56 3766457.50 0.10637
364808.56 3766457.50 0.12439 364828.56 3766457.50 0.14430
364848.56 3766457.50 0.16727 364868.56 3766457.50 0.19388
364888.56 3766457.50 0.22351 364908.56 3766457.50 0.25531
364928.56 3766457.50 0.28850 364948.56 3766457.50 0.32281
364968.56 3766457.50 0.35817 364988.56 3766457.50 0.39481
365008.56 3766457.50 0.43336 365028.56 3766457.50 0.47457
365048.56 3766457.50 0.51942 365068.56 3766457.50 0.56943
365088.56 3766457.50 0.62646 365108.56 3766457.50 0.69326
365128.56 3766457.50 0.77348 365148.56 3766457.50 0.87128
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008913, L0008914, L0008915, L0008916, L0008917, L0008918,
L0008919, L0008920, L0008921, L0008922, L0008923, L0008924, L0008925, L0008926, L0008927, L0008928, L0008929, L0008930,
L0008931, L0008932, L0008933, L0008934, L0008935, L0008936, L0008937, L0008938, L0008939, L0008940, L0008941, . . . ,
*** 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
365168.56 3766457.50 0.97534 365188.56 3766457.50 0.85672
365208.56 3766457.50 0.56933 364743.56 3766232.50 0.04265
364768.56 3766232.50 0.04622 364793.56 3766232.50 0.05705
364818.56 3766232.50 0.08240 364843.56 3766232.50 0.10767
364868.56 3766232.50 0.12153 364893.56 3766232.50 0.12709
364918.56 3766232.50 0.12797 364943.56 3766232.50 0.12637
364968.56 3766232.50 0.12353 364993.56 3766232.50 0.12007
365018.56 3766232.50 0.11633 365043.56 3766232.50 0.11247
365068.56 3766232.50 0.10863 365093.56 3766232.50 0.10494
365118.56 3766232.50 0.10151 365143.56 3766232.50 0.09818
365168.56 3766232.50 0.09420 365193.56 3766232.50 0.08891
365218.56 3766232.50 0.08288 365243.56 3766232.50 0.07665
364743.56 3766257.50 0.07208 365218.56 3766257.50 0.10312
365243.56 3766257.50 0.09362 364743.56 3766282.50 0.11687
365218.56 3766282.50 0.13262 365243.56 3766282.50 0.11712
364743.56 3766307.50 0.15983 365218.56 3766307.50 0.17845
365243.56 3766307.50 0.15008 364743.56 3766332.50 0.19127
365218.56 3766332.50 0.25945 365243.56 3766332.50 0.19452
364743.56 3766357.50 0.19085 365218.56 3766357.50 0.42250
365243.56 3766357.50 0.26120 364743.56 3766382.50 0.14913
365218.56 3766382.50 0.60574 365243.56 3766382.50 0.32842
364743.56 3766407.50 0.11489 365218.56 3766407.50 0.63154
365243.56 3766407.50 0.37186 364743.56 3766432.50 0.09177
365218.56 3766432.50 0.58302 365243.56 3766432.50 0.37559
364743.56 3766457.50 0.07538 365218.56 3766457.50 0.48424
365243.56 3766457.50 0.34210 364743.56 3766482.50 0.06320
364768.56 3766482.50 0.07417 364793.56 3766482.50 0.08807
364818.56 3766482.50 0.10377 364843.56 3766482.50 0.12108
364868.56 3766482.50 0.14124 364893.56 3766482.50 0.16475
364918.56 3766482.50 0.19080 364943.56 3766482.50 0.21835
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PM10demo.POU.txt
364968.56 3766482.50 0.24654 364993.56 3766482.50 0.27502
365018.56 3766482.50 0.30358 365043.56 3766482.50 0.33221
365068.56 3766482.50 0.36090 365093.56 3766482.50 0.38953
365118.56 3766482.50 0.41731 365143.56 3766482.50 0.44202
365168.56 3766482.50 0.45865 365193.56 3766482.50 0.43836
365218.56 3766482.50 0.37214 365243.56 3766482.50 0.29529
364718.56 3766207.50 0.02734 364768.56 3766207.50 0.02990
364818.56 3766207.50 0.04766 364868.56 3766207.50 0.07207
364918.56 3766207.50 0.08582 364968.56 3766207.50 0.08880
365018.56 3766207.50 0.08729 365068.56 3766207.50 0.08413
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 20

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008913, L0008914, L0008915, L0008916, L0008917, L0008918,
L0008919, L0008920, L0008921, L0008922, L0008923, L0008924, L0008925, L0008926, L0008927, L0008928, L0008929, L0008930,
L0008931, L0008932, L0008933, L0008934, L0008935, L0008936, L0008937, L0008938, L0008939, L0008940, L0008941, . . . ,
*** 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
365118.56	3766207.50	0.08073	365168.56	3766207.50	0.07621
365218.56	3766207.50	0.06848	365268.56	3766207.50	0.05977
364718.56	3766257.50	0.05990	365268.56	3766257.50	0.08427
364718.56	3766307.50	0.11175	365268.56	3766307.50	0.12318
364718.56	3766357.50	0.12773	365268.56	3766357.50	0.18826
364718.56	3766407.50	0.09201	365268.56	3766407.50	0.25014
364718.56	3766457.50	0.06471	365268.56	3766457.50	0.25208
364718.56	3766507.50	0.04753	364768.56	3766507.50	0.06205
364818.56	3766507.50	0.08335	364868.56	3766507.50	0.10871
364918.56	3766507.50	0.14160	364968.56	3766507.50	0.17988
365018.56	3766507.50	0.21850	365068.56	3766507.50	0.25464
365118.56	3766507.50	0.28548	365168.56	3766507.50	0.30373
365218.56	3766507.50	0.27686	365268.56	3766507.50	0.20791
364668.56	3766157.50	0.01486	364743.56	3766157.50	0.01543
364818.56	3766157.50	0.02416	364893.56	3766157.50	0.03874
364968.56	3766157.50	0.05120	365043.56	3766157.50	0.05519
365118.56	3766157.50	0.05555	365193.56	3766157.50	0.05194
365268.56	3766157.50	0.04516	365343.56	3766157.50	0.03763
364668.56	3766232.50	0.03278	365268.56	3766232.50	0.07040
365343.56	3766232.50	0.05134	364668.56	3766307.50	0.06739
365268.56	3766307.50	0.12318	365343.56	3766307.50	0.07376
364668.56	3766382.50	0.06944	365268.56	3766382.50	0.22379
365343.56	3766382.50	0.11129	364668.56	3766457.50	0.04909
365268.56	3766457.50	0.25208	365343.56	3766457.50	0.12161
364668.56	3766532.50	0.03408	364743.56	3766532.50	0.04638
364818.56	3766532.50	0.06872	364893.56	3766532.50	0.09749
364968.56	3766532.50	0.13660	365043.56	3766532.50	0.17762
365118.56	3766532.50	0.21130	365193.56	3766532.50	0.21984
365268.56	3766532.50	0.17963	365343.56	3766532.50	0.11580
364568.56	3766057.50	0.00672	364668.56	3766057.50	0.00689
364768.56	3766057.50	0.00807	364868.56	3766057.50	0.01397
364968.56	3766057.50	0.02092	365068.56	3766057.50	0.02823
365168.56	3766057.50	0.03072	365268.56	3766057.50	0.02872
365368.56	3766057.50	0.02507	364568.56	3766157.50	0.01306
365368.56	3766157.50	0.03491	364568.56	3766257.50	0.02732
365368.56	3766257.50	0.05049	364568.56	3766357.50	0.03699
365368.56	3766357.50	0.08552	364568.56	3766457.50	0.03052
365368.56	3766457.50	0.10096	364568.56	3766557.50	0.02201
365368.56	3766557.50	0.09617	364568.56	3766657.50	0.01601
364668.56	3766657.50	0.02029	364768.56	3766657.50	0.02771

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***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 21

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008913, L0008914, L0008915, L0008916, L0008917, L0008918,
L0008919, L0008920, L0008921, L0008922, L0008923, L0008924, L0008925, L0008926, L0008927, L0008928, L0008929, L0008930,
L0008931, L0008932, L0008933, L0008934, L0008935, L0008936, L0008937, L0008938, L0008939, L0008940, L0008941, . . . ,
*** 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
364868.56	3766657.50	0.03843	364968.56	3766657.50	0.05052
365068.56	3766657.50	0.06614	365168.56	3766657.50	0.07869
365268.56	3766657.50	0.08046	365368.56	3766657.50	0.07195
364268.56	3765757.50	0.00186	364393.56	3765757.50	0.00198
364518.56	3765757.50	0.00195	364643.56	3765757.50	0.00177
364768.56	3765757.50	0.00259	364893.56	3765757.50	0.00432
365018.56	3765757.50	0.00637	365143.56	3765757.50	0.00786
365268.56	3765757.50	0.00907	365393.56	3765757.50	0.00990
365518.56	3765757.50	0.00988	365643.56	3765757.50	0.00914
365768.56	3765757.50	0.00779	364268.56	3765882.50	0.00274
364393.56	3765882.50	0.00284	364518.56	3765882.50	0.00300
364643.56	3765882.50	0.00281	364768.56	3765882.50	0.00376
364893.56	3765882.50	0.00643	365018.56	3765882.50	0.00973
365143.56	3765882.50	0.01280	365268.56	3765882.50	0.01446
365393.56	3765882.50	0.01433	365518.56	3765882.50	0.01305
365643.56	3765882.50	0.01085	365768.56	3765882.50	0.00849
364268.56	3766007.50	0.00444	364393.56	3766007.50	0.00475
364518.56	3766007.50	0.00502	364643.56	3766007.50	0.00516
364768.56	3766007.50	0.00623	364893.56	3766007.50	0.01144
365018.56	3766007.50	0.01788	365143.56	3766007.50	0.02361
365268.56	3766007.50	0.02344	365393.56	3766007.50	0.02069
365518.56	3766007.50	0.01656	365643.56	3766007.50	0.01214
365768.56	3766007.50	0.00922	364268.56	3766132.50	0.00704
364393.56	3766132.50	0.00856	364518.56	3766132.50	0.01029
365518.56	3766132.50	0.01985	365643.56	3766132.50	0.01432
365768.56	3766132.50	0.01122	364268.56	3766257.50	0.01081
364393.56	3766257.50	0.01499	364518.56	3766257.50	0.02247
365518.56	3766257.50	0.02916	365643.56	3766257.50	0.02148
365768.56	3766257.50	0.01681	364268.56	3766382.50	0.01184
364393.56	3766382.50	0.01731	364518.56	3766382.50	0.02828
365518.56	3766382.50	0.04542	365643.56	3766382.50	0.02983
365768.56	3766382.50	0.02141	364268.56	3766507.50	0.01086
364393.56	3766507.50	0.01487	364518.56	3766507.50	0.02196
365518.56	3766507.50	0.04566	365643.56	3766507.50	0.02971
365768.56	3766507.50	0.02138	364268.56	3766632.50	0.00888
364393.56	3766632.50	0.01155	364518.56	3766632.50	0.01526

365518.56 3766632.50 0.04595 PM10demo.POU.txt 365643.56 3766632.50 0.02942
365768.56 3766632.50 0.02059 364268.56 3766757.50 0.00725
364393.56 3766757.50 0.00883 364518.56 3766757.50 0.01097
364643.56 3766757.50 0.01363 364768.56 3766757.50 0.01864
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**MODELOPTS: CONC URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008913, L0008914, L0008915, L0008916, L0008917, L0008918,
L0008919, L0008920, L0008921, L0008922, L0008923, L0008924, L0008925, L0008926, L0008927, L0008928, L0008929, L0008930,
L0008931, L0008932, L0008933, L0008934, L0008935, L0008936, L0008937, L0008938, L0008939, L0008940, L0008941, . . . ,
*** 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
364893.56 3766757.50 0.02591 365018.56 3766757.50 0.03333
365143.56 3766757.50 0.04220 365268.56 3766757.50 0.04674
365393.56 3766757.50 0.04721 365518.56 3766757.50 0.03914
365643.56 3766757.50 0.02918 365768.56 3766757.50 0.02112
364268.56 3766882.50 0.00584 364393.56 3766882.50 0.00683
364518.56 3766882.50 0.00797 364643.56 3766882.50 0.00960
364768.56 3766882.50 0.01269 364893.56 3766882.50 0.01659
365018.56 3766882.50 0.02033 365143.56 3766882.50 0.02368
365268.56 3766882.50 0.02657 365393.56 3766882.50 0.02911
365518.56 3766882.50 0.02871 365643.56 3766882.50 0.02490
365768.56 3766882.50 0.02030 364268.56 3767007.50 0.00469
364393.56 3767007.50 0.00533 364518.56 3767007.50 0.00607
364643.56 3767007.50 0.00727 364768.56 3767007.50 0.00927
364893.56 3767007.50 0.01174 365018.56 3767007.50 0.01398
365143.56 3767007.50 0.01532 365268.56 3767007.50 0.01664
365393.56 3767007.50 0.01864 365518.56 3767007.50 0.02015
365643.56 3767007.50 0.01949 365768.56 3767007.50 0.01745
364787.78 3766259.50 0.13351 365206.84 3766357.75 0.60039
365180.28 3766456.25 1.05168 364769.34 3766358.25 0.38419
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**MODELOPTS: CONC URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008913, L0008914, L0008915, L0008916, L0008917, L0008918,
L0008919, L0008920, L0008921, L0008922, L0008923, L0008924, L0008925, L0008926, L0008927, L0008928, L0008929, L0008930,
L0008931, L0008932, L0008933, L0008934, L0008935, L0008936, L0008937, L0008938, L0008939, L0008940, L0008941, . . . ,
*** 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)
365195.56 3766329.25 1.11556c (81103124) 365046.69 3766293.00 1.15943c (81103124)
364925.03 3766265.00 1.21429c (81011224) 364810.06 3766234.50 0.52176 (81122224)
365230.94 3766352.75 0.89595c (81110224) 365358.03 3766388.00 0.35727 (81032624)
365384.34 3766356.75 0.27280 (81032624) 365410.66 3766309.75 0.21109c (81071824)
365214.22 3766258.25 0.48920c (81103024) 365061.88 3766221.00 0.46650 (81122224)
364950.50 3766192.75 0.46029 (81122224) 364851.97 3766170.25 0.34182 (81122224)
364936.41 3766071.00 0.24194 (81122224) 365000.66 3766093.75 0.27673 (81122224)
365093.69 3766117.00 0.27987 (81122224) 365250.94 3766158.50 0.26020c (81103024)
365455.34 3766211.75 0.14200c (81110224) 364768.56 3766257.50 0.65968c (81011224)
364788.56 3766257.50 0.92626c (81011224) 364808.56 3766257.50 1.19927c (81011224)
364828.56 3766257.50 1.35603c (81011224) 364848.56 3766257.50 1.33049c (81011224)
364868.56 3766257.50 1.26630c (81011224) 364888.56 3766257.50 1.19086c (81011224)
364908.56 3766257.50 1.11454c (81011224) 364928.56 3766257.50 1.04124c (81011224)
364948.56 3766257.50 0.97308c (81011224) 364968.56 3766257.50 0.90776c (81011224)
364988.56 3766257.50 0.84398c (81011224) 365008.56 3766257.50 0.77978c (81011224)
365028.56 3766257.50 0.71562c (81011224) 365048.56 3766257.50 0.66097c (81103124)
365068.56 3766257.50 0.63486c (81103124) 365088.56 3766257.50 0.60922c (81103124)
365108.56 3766257.50 0.58565c (81103124) 365128.56 3766257.50 0.56470c (81103124)
365148.56 3766257.50 0.54608c (81103124) 365168.56 3766257.50 0.52694c (81103024)
365188.56 3766257.50 0.51143c (81103024) 365208.56 3766257.50 0.49399c (81103024)
364768.56 3766277.50 0.81598c (81030624) 364868.56 3766277.50 2.16305c (81011224)
364888.56 3766277.50 2.02239c (81011224) 364908.56 3766277.50 1.79005c (81011224)
364928.56 3766277.50 1.58302c (81011224) 364948.56 3766277.50 1.41499c (81011224)
364968.56 3766277.50 1.27768c (81011224) 364988.56 3766277.50 1.16137c (81011224)
365008.56 3766277.50 1.05620c (81011224) 365028.56 3766277.50 0.95873c (81011224)
365048.56 3766277.50 0.88185c (81103124) 365068.56 3766277.50 0.83300c (81103124)
365088.56 3766277.50 0.78860c (81103124) 365108.56 3766277.50 0.74740c (81103124)
365128.56 3766277.50 0.71041c (81103124) 365148.56 3766277.50 0.67790c (81103124)
365168.56 3766277.50 0.64587c (81103124) 365188.56 3766277.50 0.60326c (81103024)
365208.56 3766277.50 0.57718c (81103024) 364768.56 3766297.50 1.11961c (81112724)
364968.56 3766297.50 2.10773c (81011224) 364988.56 3766297.50 1.85062c (81011224)
365008.56 3766297.50 1.61049c (81011224) 365028.56 3766297.50 1.41433c (81011224)
365048.56 3766297.50 1.25868c (81103124) 365068.56 3766297.50 1.15817c (81103124)
365088.56 3766297.50 1.07150c (81103124) 365108.56 3766297.50 0.99609c (81103124)
365128.56 3766297.50 0.92866c (81103124) 365148.56 3766297.50 0.86938c (81103124)
365168.56 3766297.50 0.81669c (81103124) 365188.56 3766297.50 0.74471c (81103124)
365208.56 3766297.50 0.69367c (81103024) 364768.56 3766317.50 1.41017c (81112724)
365048.56 3766317.50 2.09650c (81011224) 365068.56 3766317.50 1.82601c (81103124)
365088.56 3766317.50 1.62308c (81103124) 365108.56 3766317.50 1.44881c (81103124)
365128.56 3766317.50 1.31407c (81103124) 365148.56 3766317.50 1.19136c (81103124)
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**MODELOPTS: CONC URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008913, L0008914, L0008915, L0008916, L0008917, L0008918,
L0008919, L0008920, L0008921, L0008922, L0008923, L0008924, L0008925, L0008926, L0008927, L0008928, L0008929, L0008930,
L0008931, L0008932, L0008933, L0008934, L0008935, L0008936, L0008937, L0008938, L0008939, L0008940, L0008941, . . . ,
*** 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)
365168.56 3766317.50 1.08803c (81103124) 365188.56 3766317.50 0.97423c (81103124)
365208.56 3766317.50 0.86950c (81103024) 364768.56 3766337.50 1.66114c (81112724)
365128.56 3766337.50 2.01773c (81103124) 365148.56 3766337.50 1.86410c (81103124)
365168.56 3766337.50 1.65718c (81103124) 365188.56 3766337.50 1.41089c (81103124)
365208.56 3766337.50 1.15702c (81103024) 364768.56 3766357.50 1.69815c (81112724)
365208.56 3766357.50 1.51394c (81110224) 364768.56 3766377.50 1.06343c (81123124)
364788.56 3766377.50 1.38087c (81123124) 364808.56 3766377.50 1.66829c (81123124)

364828.56 3766377.50 2.00334c (81123124) PM10demo.POU.txt 364848.56 3766377.50 2.31908c (81041924)
365208.56 3766377.50 1.68105c (81010624) 364768.56 3766397.50 0.78416c (81123124)
364788.56 3766397.50 0.94585c (81123124) 364808.56 3766397.50 1.05252c (81123124)
364828.56 3766397.50 1.17143c (81123124) 364848.56 3766397.50 1.33092c (81123124)
364868.56 3766397.50 1.52345c (81123124) 364888.56 3766397.50 1.76425c (81123124)
364908.56 3766397.50 2.04184c (81123124) 364928.56 3766397.50 2.29611c (81123124)
365208.56 3766397.50 1.57634c (81012624) 364768.56 3766417.50 0.62719c (81123124)
364788.56 3766417.50 0.72807c (81123124) 364808.56 3766417.50 0.79014c (81123124)
364828.56 3766417.50 0.84694c (81123124) 364848.56 3766417.50 0.91668c (81123124)
364868.56 3766417.50 1.00727c (81123124) 364888.56 3766417.50 1.10955c (81123124)
364908.56 3766417.50 1.22863c (81123124) 364928.56 3766417.50 1.36612c (81123124)
364948.56 3766417.50 1.52852c (81123124) 364968.56 3766417.50 1.72942c (81123124)
364988.56 3766417.50 1.98410c (81123124) 365008.56 3766417.50 2.24623c (81123124)
365208.56 3766417.50 1.46110 (81032624) 364768.56 3766437.50 0.52384c (81123124)
364788.56 3766437.50 0.59313c (81123124) 364808.56 3766437.50 0.63631c (81123124)
364828.56 3766437.50 0.66866c (81123124) 364848.56 3766437.50 0.70488c (81123124)
364868.56 3766437.50 0.74945c (81123124) 364888.56 3766437.50 0.80384c (81123124)
364908.56 3766437.50 0.86680c (81123124) 364928.56 3766437.50 0.93602c (81123124)
364948.56 3766437.50 1.01133c (81123124) 364968.56 3766437.50 1.09469c (81123124)
364988.56 3766437.50 1.18607c (81123124) 365008.56 3766437.50 1.29348c (81123124)
365028.56 3766437.50 1.41825c (81123124) 365048.56 3766437.50 1.57956c (81123124)
365068.56 3766437.50 1.78198c (81123124) 365088.56 3766437.50 2.06027c (81082524)
365188.56 3766437.50 2.19052c (81051424) 365208.56 3766437.50 1.38175c (81051424)
364768.56 3766457.50 0.44425c (81123124) 364788.56 3766457.50 0.49387c (81123124)
364808.56 3766457.50 0.52507c (81123124) 364828.56 3766457.50 0.54511c (81123124)
364848.56 3766457.50 0.56475c (81123124) 364868.56 3766457.50 0.59485c (81021424)
364888.56 3766457.50 0.64627c (81021424) 364908.56 3766457.50 0.68876c (81021424)
364928.56 3766457.50 0.72719c (81021424) 364948.56 3766457.50 0.76555c (81021424)
364968.56 3766457.50 0.80520c (81021424) 364988.56 3766457.50 0.84845c (81021424)
365008.56 3766457.50 0.89568c (81021424) 365028.56 3766457.50 0.94798c (81021424)
365048.56 3766457.50 1.00576c (81021424) 365068.56 3766457.50 1.09148c (81082524)
365088.56 3766457.50 1.20656c (81082524) 365108.56 3766457.50 1.34076c (81082524)
365128.56 3766457.50 1.49492c (81082524) 365148.56 3766457.50 1.64720c (81082524)
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0008913, L0008914, L0008915, L0008916, L0008917, L0008918,
L0008919, L0008920, L0008921, L0008922, L0008923, L0008924, L0008925, L0008926, L0008927, L0008928, L0008929, L0008930,
L0008931, L0008932, L0008933, L0008934, L0008935, L0008936, L0008937, L0008938, L0008939, L0008940, L0008941, . . . ,

*** 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)
365168.56 3766457.50 1.91301c (81081024) 365188.56 3766457.50 1.91406c (81081024)
365208.56 3766457.50 1.30523c (81051424) 364743.56 3766232.50 0.40628c (81030624)
364768.56 3766232.50 0.49796c (81011224) 364793.56 3766232.50 0.47808c (81011224)
364818.56 3766232.50 0.64828 (81122224) 364843.56 3766232.50 0.77880 (81122224)
364868.56 3766232.50 0.75407 (81122224) 364893.56 3766232.50 0.72870c (81011224)
364918.56 3766232.50 0.71725c (81011224) 364943.56 3766232.50 0.68818c (81011224)
364968.56 3766232.50 0.64692c (81011224) 364993.56 3766232.50 0.59826c (81011224)
365018.56 3766232.50 0.54432c (81011224) 365043.56 3766232.50 0.52002 (81122224)
365068.56 3766232.50 0.49843 (81122224) 365093.56 3766232.50 0.47901 (81122224)
365118.56 3766232.50 0.46436c (81103024) 365143.56 3766232.50 0.45109c (81103024)
365168.56 3766232.50 0.43847c (81103024) 365193.56 3766232.50 0.42629c (81103024)
365218.56 3766232.50 0.40927c (81103024) 365243.56 3766232.50 0.36263c (81103024)
364743.56 3766257.50 0.49564c (81030624) 365218.56 3766257.50 0.47922c (81103024)
365243.56 3766257.50 0.40115c (81103024) 364743.56 3766282.50 0.56922c (81030624)
365218.56 3766282.50 0.57381c (81103024) 365243.56 3766282.50 0.44142c (81103024)
364743.56 3766307.50 0.83978c (81112724) 365218.56 3766307.50 0.70316c (81103024)
365243.56 3766307.50 0.52195c (81110224) 364743.56 3766332.50 1.03510c (81112724)
365218.56 3766332.50 0.85787c (81103024) 365243.56 3766332.50 0.66041c (81110224)
364743.56 3766357.50 1.05527c (81030124) 365218.56 3766357.50 1.17583c (81110224)
365243.56 3766357.50 0.73163c (81110224) 364743.56 3766382.50 0.75092c (81123124)
365218.56 3766382.50 1.25674c (81010624) 365243.56 3766382.50 0.80262c (81121424)
364743.56 3766407.50 0.60591c (81123124) 365218.56 3766407.50 1.25267 (81032624)
365243.56 3766407.50 0.85531 (81032624) 364743.56 3766432.50 0.48951c (81123124)
365218.56 3766432.50 1.14746c (81051424) 365243.56 3766432.50 0.78803 (81032624)
364743.56 3766457.50 0.40215c (81123124) 365218.56 3766457.50 1.12637c (81051424)
365243.56 3766457.50 0.80752c (81051424) 364743.56 3766482.50 0.33273c (81123124)
364768.56 3766482.50 0.36394c (81123124) 364793.56 3766482.50 0.40368c (81123124)
364818.56 3766482.50 0.42439c (81123124) 364843.56 3766482.50 0.43531c (81123124)
364868.56 3766482.50 0.47185c (81021424) 364893.56 3766482.50 0.52544c (81021424)
364918.56 3766482.50 0.56558c (81021424) 364943.56 3766482.50 0.59835c (81021424)
364968.56 3766482.50 0.62781c (81021424) 364993.56 3766482.50 0.65621c (81021424)
365018.56 3766482.50 0.68402c (81021424) 365043.56 3766482.50 0.71068c (81021424)
365068.56 3766482.50 0.74606c (81082524) 365093.56 3766482.50 0.80784c (81082524)
365118.56 3766482.50 0.85445c (81082524) 365143.56 3766482.50 0.87392c (81050224)
365168.56 3766482.50 0.97325c (81050224) 365193.56 3766482.50 1.06417c (81050224)
365218.56 3766482.50 0.87168c (81050224) 365243.56 3766482.50 0.74991c (81101124)
364718.56 3766207.50 0.29418c (81011224) 364768.56 3766207.50 0.34251c (81011224)
364818.56 3766207.50 0.33532 (81122224) 364868.56 3766207.50 0.57178 (81122224)
364918.56 3766207.50 0.53667 (81122224) 364968.56 3766207.50 0.49370 (81122224)
365018.56 3766207.50 0.45692 (81122224) 365068.56 3766207.50 0.42591 (81122224)
1 *** ISC3P - VERSION 04269 *** *** C:\ERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0008913, L0008914, L0008915, L0008916, L0008917, L0008918,
L0008919, L0008920, L0008921, L0008922, L0008923, L0008924, L0008925, L0008926, L0008927, L0008928, L0008929, L0008930,
L0008931, L0008932, L0008933, L0008934, L0008935, L0008936, L0008937, L0008938, L0008939, L0008940, L0008941, . . . ,

*** 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)
365118.56 3766207.50 0.39906 (81122224) 365168.56 3766207.50 0.37381c (81103024)
365218.56 3766207.50 0.35526c (81103024) 365268.56 3766207.50 0.27789c (81103024)
364718.56 3766257.50 0.38496c (81030624) 365268.56 3766257.50 0.31419c (81110224)
364718.56 3766307.50 0.62556c (81112724) 365268.56 3766307.50 0.45300c (81110224)
364718.56 3766357.50 0.80535c (81030124) 365268.56 3766357.50 0.52095c (81110224)
364718.56 3766407.50 0.50246c (81123124) 365268.56 3766407.50 0.61420 (81032624)
364718.56 3766457.50 0.37782c (81123124) 365268.56 3766457.50 0.58683c (81051424)
364718.56 3766507.50 0.26485c (81123124) 364768.56 3766507.50 0.29673c (81123124)
364818.56 3766507.50 0.33632c (81123124) 364868.56 3766507.50 0.38450c (81021424)
364918.56 3766507.50 0.46549c (81021424) 364968.56 3766507.50 0.50876c (81021424)
365018.56 3766507.50 0.53481c (81021424) 365068.56 3766507.50 0.55939c (81082524)
365118.56 3766507.50 0.57506c (81050224) 365168.56 3766507.50 0.67694c (81050224)
365218.56 3766507.50 0.71199c (81050224) 365268.56 3766507.50 0.57218c (81101124)

364668.56 3766157.50 0.18807c (81011224) PM10demo.POU.txt 364743.56 3766157.50 0.21680c (81011224)
364818.56 3766157.50 0.19411c (81011224) 364893.56 3766157.50 0.37979 (81122224)
364968.56 3766157.50 0.36995 (81122224) 365043.56 3766157.50 0.34194 (81122224)
365118.56 3766157.50 0.31755 (81122224) 365193.56 3766157.50 0.28124c (81103024)
365268.56 3766157.50 0.24040c (81103024) 365343.56 3766157.50 0.17297c (81011224)
364668.56 3766232.50 0.23413c (81030624) 365268.56 3766232.50 0.29636c (81103024)
365343.56 3766232.50 0.21567c (81110224) 364668.56 3766307.50 0.40371c (81112724)
365268.56 3766307.50 0.45300c (81110224) 365343.56 3766307.50 0.27663c (81110224)
364668.56 3766382.50 0.47484c (81030124) 365268.56 3766382.50 0.61738c (81121424)
365343.56 3766382.50 0.38370 (81032624) 364668.56 3766457.50 0.30053c (81123124)
365268.56 3766457.50 0.58683c (81051424) 365343.56 3766457.50 0.34100c (81032224)
364668.56 3766532.50 0.20700c (81123124) 364743.56 3766532.50 0.22455c (81123124)
364818.56 3766532.50 0.26719c (81123124) 364893.56 3766532.50 0.35740c (81021424)
364968.56 3766532.50 0.41948c (81021424) 365043.56 3766532.50 0.42999c (81021424)
365118.56 3766532.50 0.44694c (81050224) 365193.56 3766532.50 0.55246c (81050224)
365268.56 3766532.50 0.46926c (81101124) 365343.56 3766532.50 0.35916c (81101124)
364568.56 3766057.50 0.10697c (81011224) 364668.56 3766057.50 0.12905c (81011224)
364768.56 3766057.50 0.10164c (81011224) 364868.56 3766057.50 0.13361 (81122224)
364968.56 3766057.50 0.24033 (81122224) 365068.56 3766057.50 0.23734 (81122224)
365168.56 3766057.50 0.21540 (81122224) 365268.56 3766057.50 0.17932c (81103024)
365368.56 3766057.50 0.12938c (81011224) 364568.56 3766157.50 0.12865c (81030624)
365368.56 3766157.50 0.15529c (81011224) 364568.56 3766257.50 0.18733c (81030224)
365368.56 3766257.50 0.22303c (81110224) 364568.56 3766357.50 0.32540c (81030124)
365368.56 3766357.50 0.29396 (81032624) 364568.56 3766457.50 0.20192c (81123124)
365368.56 3766457.50 0.29505c (81032224) 364568.56 3766557.50 0.13996c (81123124)
365368.56 3766557.50 0.31363c (81101124) 364568.56 3766657.50 0.09449c (81102124)
364668.56 3766657.50 0.10942c (81102124) 364768.56 3766657.50 0.12354c (81021424)
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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 27
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008913, L0008914, L0008915, L0008916, L0008917, L0008918,
L0008919, L0008920, L0008921, L0008922, L0008923, L0008924, L0008925, L0008926, L0008927, L0008928, L0008929, L0008930,
L0008931, L0008932, L0008933, L0008934, L0008935, L0008936, L0008937, L0008938, L0008939, L0008940, L0008941, . . . ,
*** 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)
364868.56 3766657.50 0.14264c (81021424) 364968.56 3766657.50 0.19348c (81021424)
365068.56 3766657.50 0.20589c (81021424) 365168.56 3766657.50 0.21080c (81050224)
365268.56 3766657.50 0.24693c (81050224) 365368.56 3766657.50 0.19877c (81102724)
364268.56 3765757.50 0.04554c (81011224) 364393.56 3765757.50 0.05456c (81011224)
364518.56 3765757.50 0.03926c (81011224) 364643.56 3765757.50 0.02522 (81020824)
364768.56 3765757.50 0.05073 (81020824) 364893.56 3765757.50 0.04993 (81020824)
365018.56 3765757.50 0.08836 (81122224) 365143.56 3765757.50 0.11741 (81122224)
365268.56 3765757.50 0.10290 (81122224) 365393.56 3765757.50 0.08728c (81103024)
365518.56 3765757.50 0.06577c (81103024) 365643.56 3765757.50 0.05442c (81011224)
365768.56 3765757.50 0.04305c (81011224) 364268.56 3765882.50 0.04832c (81030624)
364393.56 3765882.50 0.06029c (81011224) 364518.56 3765882.50 0.07331c (81011224)
364643.56 3765882.50 0.04925c (81011224) 364768.56 3765882.50 0.06308 (81020824)
364893.56 3765882.50 0.06792 (81020824) 365018.56 3765882.50 0.13558 (81122224)
365143.56 3765882.50 0.15266 (81122224) 365268.56 3765882.50 0.12236c (81103024)
365393.56 3765882.50 0.09723c (81103024) 365518.56 3765882.50 0.07484c (81011224)
365643.56 3765882.50 0.05654c (81011224) 365768.56 3765882.50 0.04728c (81101824)
364268.56 3766007.50 0.04340c (81030624) 364393.56 3766007.50 0.07068c (81030624)
364518.56 3766007.50 0.08780c (81011224) 364643.56 3766007.50 0.10470c (81011224)
364768.56 3766007.50 0.08165 (81020824) 364893.56 3766007.50 0.12365 (81122224)
365018.56 3766007.50 0.20753 (81122224) 365143.56 3766007.50 0.19809 (81122224)
365268.56 3766007.50 0.15895c (81103024) 365393.56 3766007.50 0.11091c (81011224)
365518.56 3766007.50 0.08155c (81011224) 365643.56 3766007.50 0.06408c (81110224)
365768.56 3766007.50 0.05351c (81030824) 364268.56 3766132.50 0.05299c (81030224)
364393.56 3766132.50 0.06487c (81101224) 364518.56 3766132.50 0.10161c (81030624)
365518.56 3766132.50 0.09909c (81110224) 365643.56 3766132.50 0.07814c (81030824)
365768.56 3766132.50 0.05701c (81030824) 364268.56 3766257.50 0.06929c (81112724)
364393.56 3766257.50 0.09910c (81030224) 364518.56 3766257.50 0.15684c (81030224)
365518.56 3766257.50 0.11882c (81071824) 365643.56 3766257.50 0.09760c (81071824)
365768.56 3766257.50 0.08066c (81071824) 364268.56 3766382.50 0.12354c (81030124)
364393.56 3766382.50 0.17623c (81030124) 364518.56 3766382.50 0.26652c (81030124)
365518.56 3766382.50 0.19000 (81032624) 365643.56 3766382.50 0.13283 (81032624)
365768.56 3766382.50 0.09931 (81032624) 364268.56 3766507.50 0.09140c (81030124)
364393.56 3766507.50 0.11866c (81123124) 364518.56 3766507.50 0.15219c (81123124)
365518.56 3766507.50 0.15584c (81032224) 365643.56 3766507.50 0.10398c (81012624)
365768.56 3766507.50 0.07902c (81121024) 364268.56 3766632.50 0.06791c (81123124)
364393.56 3766632.50 0.07329c (81123124) 364518.56 3766632.50 0.09055c (81030424)
365518.56 3766632.50 0.16325c (81101124) 365643.56 3766632.50 0.09440c (81051424)
365768.56 3766632.50 0.06807c (81032224) 364268.56 3766757.50 0.04735c (81012724)
364393.56 3766757.50 0.05481c (81102124) 364518.56 3766757.50 0.06675c (81102124)
364643.56 3766757.50 0.07128c (81102124) 364768.56 3766757.50 0.08552c (81021424)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 28
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008913, L0008914, L0008915, L0008916, L0008917, L0008918,
L0008919, L0008920, L0008921, L0008922, L0008923, L0008924, L0008925, L0008926, L0008927, L0008928, L0008929, L0008930,
L0008931, L0008932, L0008933, L0008934, L0008935, L0008936, L0008937, L0008938, L0008939, L0008940, L0008941, . . . ,
*** 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)
364893.56 3766757.50 0.09801c (81021424) 365018.56 3766757.50 0.13427c (81021424)
365143.56 3766757.50 0.11553c (81021424) 365268.56 3766757.50 0.15664c (81050224)
365393.56 3766757.50 0.15085c (81050224) 365518.56 3766757.50 0.13100c (81102724)
365643.56 3766757.50 0.11451c (81101124) 365768.56 3766757.50 0.07876c (81101124)
364268.56 3766882.50 0.03905c (81081124) 364393.56 3766882.50 0.04237c (81102124)
364518.56 3766882.50 0.04814c (81082524) 364643.56 3766882.50 0.05711c (81082524)
364768.56 3766882.50 0.06162c (81021424) 364893.56 3766882.50 0.06663c (81021424)
365018.56 3766882.50 0.08350c (81021424) 365143.56 3766882.50 0.07802c (81021424)
365268.56 3766882.50 0.08916c (81050224) 365393.56 3766882.50 0.10939c (81050224)
365518.56 3766882.50 0.09189c (81050224) 365643.56 3766882.50 0.08447c (81102724)
365768.56 3766882.50 0.07992c (81102724) 364268.56 3767007.50 0.03036c (81060524)
364393.56 3767007.50 0.03338c (81102124) 364518.56 3767007.50 0.04546c (81082524)
364643.56 3767007.50 0.04232c (81082524) 364768.56 3767007.50 0.04873c (81021424)
364893.56 3767007.50 0.04949c (81021424) 365018.56 3767007.50 0.05465c (81021424)
365143.56 3767007.50 0.05441c (81091824) 365268.56 3767007.50 0.05525c (81021424)
365393.56 3767007.50 0.07168c (81050224) 365518.56 3767007.50 0.07989c (81050224)
365643.56 3767007.50 0.06314c (81032924) 365768.56 3767007.50 0.05836c (81102724)
364787.78 3766259.50 0.95572c (81011224) 365206.84 3766357.75 1.56692c (81110224)
365180.28 3766456.25 2.20904c (81081024) 364769.34 3766358.25 1.71536c (81041924)

***MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREA1, L0008913, L0008914, L0008915, L0008916, L0008917, L0008918, L0008919, L0008920, L0008921, L0008922, L0008923, L0008924, L0008925, L0008926, L0008927, L0008928, L0008929, L0008930, L0008931, L0008932, L0008933, L0008934, L0008935, L0008936, L0008937, L0008938, L0008939, L0008940, L0008941, . . . ,

*** 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)
365195.56	3766329.25	0.85475c	(81011124)	365046.69	3766293.00	0.86615c	(81121124)
364925.03	3766265.00	0.81869c	(81122324)	364810.06	3766234.50	0.43833c	(81020824)
365230.94	3766352.75	0.73675c	(81103124)	365358.03	3766388.00	0.27132c	(81031324)
365384.34	3766356.75	0.21451c	(81121424)	365410.66	3766309.75	0.15170c	(81121424)
365214.22	3766258.25	0.36408c	(81122224)	365061.88	3766221.00	0.36737c	(81121124)
364950.50	3766192.75	0.32107c	(81011124)	364851.97	3766170.25	0.19783c	(81112924)
364936.41	3766071.00	0.11925c	(81020824)	365000.66	3766093.75	0.15156c	(81121124)
365093.69	3766117.00	0.18839c	(81011124)	365250.94	3766158.50	0.18192c	(81101324)
365455.34	3766211.75	0.09790c	(81101424)	364768.56	3766257.50	0.48406c	(81122024)
364788.56	3766257.50	0.66398c	(81112824)	364808.56	3766257.50	0.83691c	(81103124)
364828.56	3766257.50	0.96199c	(81122324)	364848.56	3766257.50	0.93671c	(81122324)
364868.56	3766257.50	0.88528c	(81122324)	364888.56	3766257.50	0.82677c	(81122324)
364908.56	3766257.50	0.76632c	(81122324)	364928.56	3766257.50	0.70834c	(81122324)
364948.56	3766257.50	0.66077c	(81121124)	364968.56	3766257.50	0.62762c	(81121124)
364988.56	3766257.50	0.59814c	(81121124)	365008.56	3766257.50	0.57191c	(81121124)
365028.56	3766257.50	0.54820c	(81121124)	365048.56	3766257.50	0.52741c	(81121124)
365068.56	3766257.50	0.50795c	(81121124)	365088.56	3766257.50	0.49046c	(81121124)
365108.56	3766257.50	0.47109c	(81011124)	365128.56	3766257.50	0.44610c	(81102924)
365148.56	3766257.50	0.43126c	(81102924)	365168.56	3766257.50	0.41598c	(81102924)
365188.56	3766257.50	0.39063c	(81011224)	365208.56	3766257.50	0.36925c	(81013124)
364768.56	3766277.50	0.71005c	(81011224)	364868.56	3766277.50	1.43519c	(81013124)
364888.56	3766277.50	1.34899c	(81013124)	364908.56	3766277.50	1.20076c	(81013124)
364928.56	3766277.50	1.06965c	(81013124)	364948.56	3766277.50	0.96160c	(81013124)
364968.56	3766277.50	0.87901c	(81121124)	364988.56	3766277.50	0.81535c	(81121124)
365008.56	3766277.50	0.76117c	(81121124)	365028.56	3766277.50	0.71553c	(81121124)
365048.56	3766277.50	0.67590c	(81121124)	365068.56	3766277.50	0.64124c	(81121124)
365088.56	3766277.50	0.61075c	(81121124)	365108.56	3766277.50	0.57742c	(81011124)
365128.56	3766277.50	0.54487c	(81011224)	365148.56	3766277.50	0.51802c	(81011124)
365168.56	3766277.50	0.49570c	(81011124)	365188.56	3766277.50	0.45845c	(81121124)
365208.56	3766277.50	0.43135c	(81110224)	364768.56	3766297.50	0.87750c	(81030524)
364968.56	3766297.50	1.45231c	(81122224)	364988.56	3766297.50	1.30351c	(81013124)
365008.56	3766297.50	1.14515c	(81013124)	365028.56	3766297.50	1.02778c	(81102924)
365048.56	3766297.50	0.93654c	(81102924)	365068.56	3766297.50	0.86294c	(81121124)
365088.56	3766297.50	0.80270c	(81121124)	365108.56	3766297.50	0.75170c	(81121124)
365128.56	3766297.50	0.70196c	(81102924)	365148.56	3766297.50	0.64375c	(81011124)
365168.56	3766297.50	0.60580c	(81011124)	365188.56	3766297.50	0.56339c	(81121124)
365208.56	3766297.50	0.51234c	(81102924)	364768.56	3766317.50	1.00185c	(81101224)
365048.56	3766317.50	1.52591c	(81013124)	365068.56	3766317.50	1.35498c	(81102924)
365088.56	3766317.50	1.20959c	(81102924)	365108.56	3766317.50	1.08766c	(81102924)
365128.56	3766317.50	0.97980c	(81011124)	365148.56	3766317.50	0.89445c	(81121124)

***MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREA1, L0008913, L0008914, L0008915, L0008916, L0008917, L0008918, L0008919, L0008920, L0008921, L0008922, L0008923, L0008924, L0008925, L0008926, L0008927, L0008928, L0008929, L0008930, L0008931, L0008932, L0008933, L0008934, L0008935, L0008936, L0008937, L0008938, L0008939, L0008940, L0008941, . . . ,

*** 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)
365168.56	3766317.50	0.79198c	(81011124)	365188.56	3766317.50	0.73434c	(81011124)
365208.56	3766317.50	0.63616c	(81102924)	364768.56	3766337.50	1.19064c	(81123124)
365128.56	3766337.50	1.55824c	(81102924)	365148.56	3766337.50	1.41682c	(81102924)
365168.56	3766337.50	1.21971c	(81110224)	365188.56	3766337.50	1.04810c	(81121124)
365208.56	3766337.50	0.86198c	(81101824)	364768.56	3766357.50	1.33695c	(81092924)
365208.56	3766357.50	1.33462c	(81103024)	364768.56	3766377.50	0.80945c	(81030124)
364788.56	3766377.50	0.98797c	(81112424)	364808.56	3766377.50	1.28658c	(81030324)
364828.56	3766377.50	1.54538c	(81041524)	364848.56	3766377.50	1.85121c	(81123024)
365208.56	3766377.50	1.52221c	(81052224)	364768.56	3766397.50	0.53082c	(81030124)
364788.56	3766397.50	0.63680c	(81012724)	364808.56	3766397.50	0.77638c	(81040624)
364828.56	3766397.50	0.92034c	(81030324)	364848.56	3766397.50	1.05363c	(81041524)
364868.56	3766397.50	1.20951c	(81041524)	364888.56	3766397.50	1.42388c	(81082524)
364908.56	3766397.50	1.66637c	(81030324)	364928.56	3766397.50	1.96307c	(81092924)
365208.56	3766397.50	1.48576c	(81052224)	364768.56	3766417.50	0.42092c	(81102124)
364788.56	3766417.50	0.47493c	(81012724)	364808.56	3766417.50	0.56759c	(81040624)
364828.56	3766417.50	0.65327c	(81040624)	364848.56	3766417.50	0.72543c	(81041524)
364868.56	3766417.50	0.80639c	(81030324)	364888.56	3766417.50	0.89625c	(81041524)
364908.56	3766417.50	0.98412c	(81082524)	364928.56	3766417.50	1.09279c	(81041524)
364948.56	3766417.50	1.21731c	(81041524)	364968.56	3766417.50	1.38264c	(81011324)
364988.56	3766417.50	1.63176c	(81030324)	365008.56	3766417.50	1.96906c	(81050224)
365208.56	3766417.50	1.35425c	(81010624)	364768.56	3766437.50	0.35344c	(81102124)
364788.56	3766437.50	0.37928c	(81102124)	364808.56	3766437.50	0.44781c	(81040624)
364828.56	3766437.50	0.50899c	(81040624)	364848.56	3766437.50	0.55251c	(81030424)
364868.56	3766437.50	0.60329c	(81092924)	364888.56	3766437.50	0.64856c	(81092924)
364908.56	3766437.50	0.69882c	(81040624)	364928.56	3766437.50	0.76634c	(81082524)
364948.56	3766437.50	0.83574c	(81041924)	364968.56	3766437.50	0.90071c	(81041924)
364988.56	3766437.50	0.97600c	(81041924)	365008.56	3766437.50	1.07366c	(81041524)
365028.56	3766437.50	1.18824c	(81032924)	365048.56	3766437.50	1.36052c	(81081024)
365068.56	3766437.50	1.56302c	(81011324)	365088.56	3766437.50	1.86155c	(81051924)
365188.56	3766437.50	2.00634c	(81081424)	365208.56	3766437.50	1.24648c	(81091524)
364768.56	3766457.50	0.29609c	(81021424)	364788.56	3766457.50	0.32427c	(81102124)
364808.56	3766457.50	0.36923c	(81040624)	364828.56	3766457.50	0.41337c	(81092924)
364848.56	3766457.50	0.44011c	(81041524)	364868.56	3766457.50	0.46770c	(81092924)
364888.56	3766457.50	0.50032c	(81102124)	364908.56	3766457.50	0.53628c	(81030324)
364928.56	3766457.50	0.57879c	(81030324)	364948.56	3766457.50	0.62149c	(81102124)
364968.56	3766457.50	0.66367c	(81102124)	364988.56	3766457.50	0.70683c	(81102124)
365008.56	3766457.50	0.75806c	(81032924)	365028.56	3766457.50	0.81464c	(81041524)
365048.56	3766457.50	0.87030c	(81030324)	365068.56	3766457.50	0.93526c	(81082724)
365088.56	3766457.50	1.04631c	(81032924)	365108.56	3766457.50	1.14908c	(81032924)
365128.56	3766457.50	1.27543c	(81051924)	365148.56	3766457.50	1.42389c	(81032924)

***MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

PM10demo.POU.txt
INCLUDING SOURCE(S): AREA1 , L0008913, L0008914, L0008915, L0008916, L0008917, L0008918,
L0008919, L0008920, L0008921, L0008922, L0008923, L0008924, L0008925, L0008926, L0008927, L0008928, L0008929, L0008930,
L0008931, L0008932, L0008933, L0008934, L0008935, L0008936, L0008937, L0008938, L0008939, L0008940, L0008941, . . . ,

*** 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)
365168.56	3766457.50	1.66913c	(81051424)	365188.56	3766457.50	1.63254c	(81101124)
365208.56	3766457.50	1.11112c	(81082624)	364743.56	3766232.50	0.28561c	(81040324)
364768.56	3766232.50	0.30273c	(81112924)	364793.56	3766232.50	0.33323c	(81112924)
364818.56	3766232.50	0.42461c	(81103124)	364843.56	3766232.50	0.49384c	(81122324)
364868.56	3766232.50	0.53239c	(81122324)	364893.56	3766232.50	0.53355c	(81122324)
364918.56	3766232.50	0.51378c	(81122324)	364943.56	3766232.50	0.48370c	(81122324)
364968.56	3766232.50	0.46051c	(81121124)	364993.56	3766232.50	0.44392c	(81121124)
365018.56	3766232.50	0.42803c	(81121124)	365043.56	3766232.50	0.41364c	(81121124)
365068.56	3766232.50	0.40039c	(81121124)	365093.56	3766232.50	0.38809c	(81121124)
365118.56	3766232.50	0.37338c	(81011224)	365143.56	3766232.50	0.35704c	(81011224)
365168.56	3766232.50	0.34319c	(81011224)	365193.56	3766232.50	0.32628c	(81102924)
365218.56	3766232.50	0.30247c	(81013124)	365243.56	3766232.50	0.27514c	(81110224)
364743.56	3766257.50	0.35952c	(81040324)	365218.56	3766257.50	0.35017c	(81110224)
365243.56	3766257.50	0.32489c	(81013124)	364743.56	3766282.50	0.53239c	(81030224)
365218.56	3766282.50	0.43432c	(81011224)	365243.56	3766282.50	0.37169c	(81011124)
364743.56	3766307.50	0.62551c	(81041924)	365218.56	3766307.50	0.53979c	(81011224)
365243.56	3766307.50	0.43777c	(81013124)	364743.56	3766332.50	0.70807c	(81061224)
365218.56	3766332.50	0.71671c	(81013124)	365243.56	3766332.50	0.50294c	(81101324)
364743.56	3766357.50	0.74674c	(81061224)	365218.56	3766357.50	0.99238c	(81010624)
365243.56	3766357.50	0.64105c	(81071824)	364743.56	3766382.50	0.61237c	(81030424)
365218.56	3766382.50	1.18193c	(81031324)	365243.56	3766382.50	0.71649c	(81030724)
364743.56	3766407.50	0.41813c	(81030124)	365218.56	3766407.50	1.15450c	(81010624)
365243.56	3766407.50	0.75737c	(81031324)	364743.56	3766432.50	0.34030c	(81102124)
365218.56	3766432.50	1.05651c	(81091524)	365243.56	3766432.50	0.74154c	(81121024)
364743.56	3766457.50	0.27698c	(81012724)	365218.56	3766457.50	0.96439c	(81082624)
365243.56	3766457.50	0.70845c	(81081424)	364743.56	3766482.50	0.22363c	(81012724)
364768.56	3766482.50	0.25880c	(81021424)	364793.56	3766482.50	0.27958c	(81102124)
364818.56	3766482.50	0.31697c	(81040624)	364843.56	3766482.50	0.34136c	(81030324)
364868.56	3766482.50	0.36809c	(81102124)	364893.56	3766482.50	0.38868c	(81030324)
364918.56	3766482.50	0.41731c	(81030324)	364943.56	3766482.50	0.45820c	(81082524)
364968.56	3766482.50	0.48627c	(81030324)	364993.56	3766482.50	0.52115c	(81030324)
365018.56	3766482.50	0.55183c	(81123124)	365043.56	3766482.50	0.58307c	(81030324)
365068.56	3766482.50	0.62693c	(81082724)	365093.56	3766482.50	0.67503c	(81081024)
365118.56	3766482.50	0.75169c	(81081024)	365143.56	3766482.50	0.79279c	(81051924)
365168.56	3766482.50	0.80314c	(81091524)	365193.56	3766482.50	0.85402c	(81080824)
365218.56	3766482.50	0.81696c	(81102724)	365243.56	3766482.50	0.65606c	(81082624)
364718.56	3766207.50	0.19446c	(81101224)	364768.56	3766207.50	0.20079c	(81112924)
364818.56	3766207.50	0.29091c	(81040324)	364868.56	3766207.50	0.33286c	(81122324)
364918.56	3766207.50	0.37721c	(81011124)	364968.56	3766207.50	0.36484c	(81102924)
365018.56	3766207.50	0.34832c	(81121124)	365068.56	3766207.50	0.33070c	(81121124)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREA1 , L0008913, L0008914, L0008915, L0008916, L0008917, L0008918,
L0008919, L0008920, L0008921, L0008922, L0008923, L0008924, L0008925, L0008926, L0008927, L0008928, L0008929, L0008930,
L0008931, L0008932, L0008933, L0008934, L0008935, L0008936, L0008937, L0008938, L0008939, L0008940, L0008941, . . . ,

*** 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)
365118.56	3766207.50	0.31323c	(81011224)	365168.56	3766207.50	0.29209c	(81121124)
365218.56	3766207.50	0.25733c	(81013124)	365268.56	3766207.50	0.22181c	(81110224)
364718.56	3766257.50	0.29095c	(81112924)	365268.56	3766257.50	0.28107c	(81013124)
364718.56	3766307.50	0.44697c	(81101224)	365268.56	3766307.50	0.33454c	(81013124)
364718.56	3766357.50	0.52235c	(81123124)	365268.56	3766357.50	0.47494c	(81112224)
364718.56	3766407.50	0.38014c	(81112724)	365268.56	3766407.50	0.55846c	(81012624)
364718.56	3766457.50	0.24759c	(81092924)	365268.56	3766457.50	0.53744c	(81032224)
364718.56	3766507.50	0.17841c	(81041924)	364768.56	3766507.50	0.22062c	(81092924)
364818.56	3766507.50	0.25984c	(81102124)	364868.56	3766507.50	0.30133c	(81030324)
364918.56	3766507.50	0.33036c	(81030324)	364968.56	3766507.50	0.37125c	(81030324)
365018.56	3766507.50	0.40254c	(81011724)	365068.56	3766507.50	0.45726c	(81082724)
365118.56	3766507.50	0.52162c	(81081024)	365168.56	3766507.50	0.53288c	(81102724)
365218.56	3766507.50	0.58529c	(81101124)	365268.56	3766507.50	0.47149c	(81082624)
364668.56	3766157.50	0.10960c	(81101224)	364743.56	3766157.50	0.11068c	(81112824)
364818.56	3766157.50	0.14497c	(81122324)	364893.56	3766157.50	0.20173c	(81011524)
364968.56	3766157.50	0.23644c	(81121124)	365043.56	3766157.50	0.23771c	(81011124)
365118.56	3766157.50	0.23537c	(81011124)	365193.56	3766157.50	0.21716c	(81102924)
365268.56	3766157.50	0.17183c	(81100524)	365343.56	3766157.50	0.14466c	(81110224)
364668.56	3766232.50	0.16949c	(81042824)	365268.56	3766232.50	0.24971c	(81013124)
365343.56	3766232.50	0.16453c	(81101324)	364668.56	3766307.50	0.28746c	(81030524)
365268.56	3766307.50	0.33454c	(81013124)	365343.56	3766307.50	0.20581c	(81120124)
364668.56	3766382.50	0.29736c	(81061224)	365268.56	3766382.50	0.53793c	(81112524)
365343.56	3766382.50	0.29173c	(81031324)	364668.56	3766457.50	0.19605c	(81112724)
365268.56	3766457.50	0.53744c	(81032224)	365343.56	3766457.50	0.29236c	(81030724)
364668.56	3766532.50	0.13465c	(81092924)	364743.56	3766532.50	0.16592c	(81011324)
364818.56	3766532.50	0.21267c	(81041524)	364893.56	3766532.50	0.26283c	(81123124)
364968.56	3766532.50	0.29207c	(81030324)	365043.56	3766532.50	0.32511c	(81091824)
365118.56	3766532.50	0.39045c	(81081024)	365193.56	3766532.50	0.41877c	(81081424)
365268.56	3766532.50	0.41910c	(81082724)	365343.56	3766532.50	0.28956c	(81091524)
364568.56	3766057.50	0.05002c	(81101224)	364668.56	3766057.50	0.05278c	(81122324)
364768.56	3766057.50	0.05654c	(81031024)	364868.56	3766057.50	0.09282c	(81101524)
364968.56	3766057.50	0.11356c	(81121124)	365068.56	3766057.50	0.14211c	(81101524)
365168.56	3766057.50	0.14628c	(81011124)	365268.56	3766057.50	0.12218c	(81013124)
365368.56	3766057.50	0.10513c	(81101824)	364568.56	3766157.50	0.08156c	(81012024)
365368.56	3766157.50	0.12837c	(81110124)	364568.56	3766257.50	0.13508c	(81032724)
365368.56	3766257.50	0.15101c	(81120124)	364568.56	3766357.50	0.16887c	(81100124)
365368.56	3766357.50	0.23386c	(81110724)	364568.56	3766457.50	0.13752c	(81122824)
365368.56	3766457.50	0.25854c	(81070124)	364568.56	3766557.50	0.09508c	(81022324)
365368.56	3766557.50	0.24218c	(81051424)	364568.56	3766657.50	0.07324c	(81040624)
364668.56	3766657.50	0.08192c	(81060524)	364768.56	3766657.50	0.09782c	(81041524)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREA1 , L0008913, L0008914, L0008915, L0008916, L0008917, L0008918,
L0008919, L0008920, L0008921, L0008922, L0008923, L0008924, L0008925, L0008926, L0008927, L0008928, L0008929, L0008930,
L0008931, L0008932, L0008933, L0008934, L0008935, L0008936, L0008937, L0008938, L0008939, L0008940, L0008941, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

PM10demo.POU.txt
** CONC OF PM-10 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
364868.56 3766657.50 0.11664c (81123124) 364968.56 3766657.50 0.12264c (81040624)
...
1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0008913, L0008914, L0008915, L0008916, L0008917, L0008918,
L0008919, L0008920, L0008921, L0008922, L0008923, L0008924, L0008925, L0008926, L0008927, L0008928, L0008929, L0008930,
L0008931, L0008932, L0008933, L0008934, L0008935, L0008936, L0008937, L0008938, L0008939, L0008940, L0008941, . . . ,

*** 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)
364893.56 3766757.50 0.07635c (81012524) 365018.56 3766757.50 0.08468c (81012224)
...
1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **
GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZFLAG) OF TYPE NETWORK GRID-ID
ALL 1ST HIGHEST VALUE IS 1.32686 AT (364928.56, 3766397.50, 0.00, 0.00) DC NA
2ND HIGHEST VALUE IS 1.30508 AT (365008.56, 3766417.50, 0.00, 0.00) DC NA
3RD HIGHEST VALUE IS 1.23374 AT (364848.56, 3766377.50, 0.00, 0.00) DC NA
4TH HIGHEST VALUE IS 1.22899 AT (365188.56, 3766437.50, 0.00, 0.00) DC NA
5TH HIGHEST VALUE IS 1.22270 AT (365088.56, 3766437.50, 0.00, 0.00) DC NA
6TH HIGHEST VALUE IS 1.05168 AT (365180.28, 3766456.25, 0.00, 0.00) DC NA

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY
1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **
DATE
GROUP ID AVERAGE CONC (YYMMDDHH) RECEPTOR (XR, YR, ZELEV, ZFLAG) OF TYPE NETWORK GRID-ID
Page 21

ALL HIGH 1ST HIGH VALUE IS 2.31908c ON 81041924: AT (364848.56, 3766377.50, 0.00, 0.00) DC NA
HIGH 6TH HIGH VALUE IS 2.00634c ON 81081424: AT (365188.56, 3766437.50, 0.00, 0.00) DC NA

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

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

**MODELOPTS: CONC URBAN FLAT DFAULT

PAGE 37

*** Message Summary : ISC3P Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 1 Warning Message(s)
A Total of 1673 Informational Message(s)
A Total of 1673 Calm Hours Identified

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

***** WARNING MESSAGES *****
SO W320 162 APARM :Source Parameter May Be Out-of-Range for Parameter ANGLE

*** ISC3P Finishes Successfully ***

PM2.5

```

**
*****
**
** ISC-PRIME Input Produced by:
** AERMOD View Ver. 6.0.0
** Lakes Environmental Software Inc.
** Date: 8/31/2009
** File: C:\AERMOD Projects\EXPO\Expo LST\ISC3 runs\Demo\PM25\PM25Demo.PIN
**
*****
**
**
*****
** ISC-PRIME Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc
  MODELOPT DFAULT CONC URBAN
  AVERTIME 24 ANNUAL
  POLLUTID PM2.5
  TERRHGTs FLAT
  RUNORNOT RUN
CO FINISHED
**
*****
** ISC-PRIME Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** LOCATION AREA1 AREA 364796.290 3766260.790
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE1
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.09E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364785.07, 3766272.26, 0.00, 5.00, 0.0
** 365204.52, 3766371.86, 0.00, 5.00, 17.38
** -----
** LOCATION L0008973 VOLUME 364794.793 3766274.558
** LOCATION L0008974 VOLUME 364831.157 3766283.184
** LOCATION L0008975 VOLUME 364867.521 3766291.810
** LOCATION L0008976 VOLUME 364903.886 3766300.435
** LOCATION L0008977 VOLUME 364940.250 3766309.061
** LOCATION L0008978 VOLUME 364976.615 3766317.687
** LOCATION L0008979 VOLUME 365012.979 3766326.313
** LOCATION L0008980 VOLUME 365049.344 3766334.939
** LOCATION L0008981 VOLUME 365085.708 3766343.565
** LOCATION L0008982 VOLUME 365122.072 3766352.190
** LOCATION L0008983 VOLUME 365158.437 3766360.816
** LOCATION L0008984 VOLUME 365194.801 3766369.442
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE2
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.09E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364781.36, 3766292.87, 0.00, 5.00, 0.0
** 365201.75, 3766392.48, 0.00, 5.00, 17.42
** -----
** LOCATION L0008985 VOLUME 364791.105 3766295.059
** LOCATION L0008986 VOLUME 364827.552 3766303.707
** LOCATION L0008987 VOLUME 364863.999 3766312.356
** LOCATION L0008988 VOLUME 364900.445 3766321.004
** LOCATION L0008989 VOLUME 364936.892 3766329.652
** LOCATION L0008990 VOLUME 364973.339 3766338.301
** LOCATION L0008991 VOLUME 365009.786 3766346.949
** LOCATION L0008992 VOLUME 365046.233 3766355.598
** LOCATION L0008993 VOLUME 365082.680 3766364.246
** LOCATION L0008994 VOLUME 365119.126 3766372.894
** LOCATION L0008995 VOLUME 365155.573 3766381.543
** LOCATION L0008996 VOLUME 365192.020 3766390.191
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE3
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.09E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364778.52, 3766312.48, 0.00, 5.00, 0.0
** 365197.51, 3766411.14, 0.00, 5.00, 17.36
** -----
** LOCATION L0008997 VOLUME 364788.265 3766314.794
** LOCATION L0008998 VOLUME 364824.583 3766323.354
** LOCATION L0008999 VOLUME 364860.901 3766331.914
** LOCATION L0009000 VOLUME 364897.220 3766340.475
** LOCATION L0009001 VOLUME 364933.538 3766349.035
** LOCATION L0009002 VOLUME 364969.856 3766357.595
** LOCATION L0009003 VOLUME 365006.175 3766366.155
** LOCATION L0009004 VOLUME 365042.493 3766374.715
** LOCATION L0009005 VOLUME 365078.812 3766383.275
** LOCATION L0009006 VOLUME 365115.130 3766391.836
** LOCATION L0009007 VOLUME 365151.448 3766400.396
** LOCATION L0009008 VOLUME 365187.767 3766408.956
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE4
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.09E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33

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** Nodes = 2
** 364774.31, 3766331.61, 0.00, 5.00, 0.0
** 365193.30, 3766430.75, 0.00, 5.00, 17.36
**
LOCATION L0009009 VOLUME 364784.043 3766333.805
LOCATION L0009010 VOLUME 364820.362 3766342.409
LOCATION L0009011 VOLUME 364856.681 3766351.012
LOCATION L0009012 VOLUME 364893.000 3766359.616
LOCATION L0009013 VOLUME 364929.319 3766368.220
LOCATION L0009014 VOLUME 364965.637 3766376.823
LOCATION L0009015 VOLUME 365001.956 3766385.427
LOCATION L0009016 VOLUME 365038.275 3766394.030
LOCATION L0009017 VOLUME 365074.594 3766402.634
LOCATION L0009018 VOLUME 365110.913 3766411.238
LOCATION L0009019 VOLUME 365147.232 3766419.841
LOCATION L0009020 VOLUME 365183.551 3766428.445
** End of Line Source
** Line Source represented by Separated Volume Sources
**
** LINE Source ID = SLINES
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.09E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364771.54, 3766348.80, 0.00, 5.00, 0.0
** 365190.53, 3766448.40, 0.00, 5.00, 17.37
**
LOCATION L0009021 VOLUME 364781.259 3766351.066
LOCATION L0009022 VOLUME 364817.582 3766359.713
LOCATION L0009023 VOLUME 364853.904 3766368.360
LOCATION L0009024 VOLUME 364890.226 3766377.007
LOCATION L0009025 VOLUME 364926.548 3766385.654
LOCATION L0009026 VOLUME 364962.870 3766394.301
LOCATION L0009027 VOLUME 364999.192 3766402.949
LOCATION L0009028 VOLUME 365035.514 3766411.596
LOCATION L0009029 VOLUME 365071.837 3766420.243
LOCATION L0009030 VOLUME 365108.159 3766428.890
LOCATION L0009031 VOLUME 365144.481 3766437.537
LOCATION L0009032 VOLUME 365180.803 3766446.184
** End of Line Source
** Source Parameters **
SRCPARAM AREA1 2.41E-08 1.000 418.020 101.120 346.731
SRCPARAM L0008973 9.0833E-10 5.00 17.38 2.33
SRCPARAM L0008974 9.0833E-10 5.00 17.38 2.33
SRCPARAM L0008975 9.0833E-10 5.00 17.38 2.33
SRCPARAM L0008976 9.0833E-10 5.00 17.38 2.33
SRCPARAM L0008977 9.0833E-10 5.00 17.38 2.33
SRCPARAM L0008978 9.0833E-10 5.00 17.38 2.33
SRCPARAM L0008979 9.0833E-10 5.00 17.38 2.33
SRCPARAM L0008980 9.0833E-10 5.00 17.38 2.33
SRCPARAM L0008981 9.0833E-10 5.00 17.38 2.33
SRCPARAM L0008982 9.0833E-10 5.00 17.38 2.33
SRCPARAM L0008983 9.0833E-10 5.00 17.38 2.33
SRCPARAM L0008984 9.0833E-10 5.00 17.38 2.33
SRCPARAM L0008985 9.0833E-10 5.00 17.42 2.33
SRCPARAM L0008986 9.0833E-10 5.00 17.42 2.33
SRCPARAM L0008987 9.0833E-10 5.00 17.42 2.33
SRCPARAM L0008988 9.0833E-10 5.00 17.42 2.33
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SRCPARAM L0009030 9.0833E-10 5.00 17.37 2.33
SRCPARAM L0009031 9.0833E-10 5.00 17.37 2.33
SRCPARAM L0009032 9.0833E-10 5.00 17.37 2.33
SRCGROUP ALL
SO FINISHED
**
*****
** ISC-PRIME Receptor Pathway
*****
**
**
RE STARTING
** DESCRREC "Res" "Residential"
DISCCART 365195.56 3766329.20
DISCCART 365046.70 3766293.15
DISCCART 364925.03 3766265.02
DISCCART 364810.05 3766234.54

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DISCCART 365230.92 3766352.80
DISCCART 365358.03 3766388.07
DISCCART 365384.34 3766356.86
DISCCART 365410.66 3766309.74
DISCCART 365214.23 3766258.34
DISCCART 365061.86 3766221.01
DISCCART 364950.49 3766192.86
DISCCART 364851.97 3766170.22
DISCCART 364936.41 3766071.09
DISCCART 365000.67 3766093.73
DISCCART 365093.68 3766116.99
DISCCART 365250.94 3766158.60
DISCCART 365455.33 3766211.83
** BEGIN OF NESTED GRID RECEPTORS

** Nested Grid ID = NSTD2
** Grid Count = 5
** Receptor Count = 417
** X Origin of Bounding Box = 364768.57
** Y Origin of Bounding Box = 3766257.55
** X Size of Bounding Box = 440.00
** Y Size of Bounding Box = 200.00
** Grid #1: Distance from Bounding Box = 25.00 Spacing = 25.00
** Grid #2: Distance from Bounding Box = 50.00 Spacing = 50.00
** Grid #3: Distance from Bounding Box = 100.00 Spacing = 75.00
** Grid #4: Distance from Bounding Box = 200.00 Spacing = 100.00
** Grid #5: Distance from Bounding Box = 500.00 Spacing = 125.00
DISCCART 364768.57 3766257.55
DISCCART 364788.57 3766257.55
DISCCART 364808.57 3766257.55
DISCCART 364828.57 3766257.55
DISCCART 364848.57 3766257.55
DISCCART 364868.57 3766257.55
DISCCART 364888.57 3766257.55
DISCCART 364908.57 3766257.55
DISCCART 364928.57 3766257.55
DISCCART 364948.57 3766257.55
DISCCART 364968.57 3766257.55
DISCCART 364988.57 3766257.55
DISCCART 365008.57 3766257.55
DISCCART 365028.57 3766257.55
DISCCART 365048.57 3766257.55
DISCCART 365068.57 3766257.55
DISCCART 365088.57 3766257.55
DISCCART 365108.57 3766257.55
DISCCART 365128.57 3766257.55
DISCCART 365148.57 3766257.55
DISCCART 365168.57 3766257.55
DISCCART 365188.57 3766257.55
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DISCCART 364868.57 3766277.55
DISCCART 364888.57 3766277.55
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DISCCART 364968.57 3766277.55
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DISCCART 364928.57 3766397.55
DISCCART 365208.57 3766397.55
DISCCART 364768.57 3766417.55

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DISCCART	365118.57	3766482.55
DISCCART	365143.57	3766482.55
DISCCART	365168.57	3766482.55
DISCCART	365193.57	3766482.55
DISCCART	365218.57	3766482.55
DISCCART	365243.57	3766482.55
DISCCART	364718.57	3766207.55
DISCCART	364768.57	3766207.55
DISCCART	364818.57	3766207.55
DISCCART	364868.57	3766207.55
DISCCART	364918.57	3766207.55
DISCCART	364968.57	3766207.55
DISCCART	365018.57	3766207.55
DISCCART	365068.57	3766207.55
DISCCART	365118.57	3766207.55
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DISCCART	365268.57	3766207.55
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DISCCART	364718.57	3766357.55
DISCCART	365268.57	3766357.55
DISCCART	364718.57	3766407.55
DISCCART	365268.57	3766407.55
DISCCART	364718.57	3766457.55
DISCCART	365268.57	3766457.55
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DISCCART	364818.57	3766507.55
DISCCART	364868.57	3766507.55
DISCCART	364918.57	3766507.55
DISCCART	364968.57	3766507.55
DISCCART	365018.57	3766507.55
DISCCART	365068.57	3766507.55
DISCCART	365118.57	3766507.55
DISCCART	365168.57	3766507.55
DISCCART	365218.57	3766507.55
DISCCART	365268.57	3766507.55
DISCCART	364668.57	3766157.55
DISCCART	364743.57	3766157.55
DISCCART	364818.57	3766157.55
DISCCART	364893.57	3766157.55
DISCCART	364968.57	3766157.55
DISCCART	365043.57	3766157.55
DISCCART	365118.57	3766157.55
DISCCART	365193.57	3766157.55
DISCCART	365268.57	3766157.55
DISCCART	365343.57	3766157.55
DISCCART	364668.57	3766232.55
DISCCART	365268.57	3766232.55
DISCCART	365343.57	3766232.55
DISCCART	364668.57	3766307.55
DISCCART	365268.57	3766307.55
DISCCART	365343.57	3766307.55
DISCCART	364668.57	3766382.55
DISCCART	365268.57	3766382.55
DISCCART	365343.57	3766382.55
DISCCART	364668.57	3766457.55
DISCCART	365268.57	3766457.55
DISCCART	365343.57	3766457.55
DISCCART	364668.57	3766532.55
DISCCART	364743.57	3766532.55
DISCCART	364818.57	3766532.55
DISCCART	364893.57	3766532.55
DISCCART	364968.57	3766532.55
DISCCART	365043.57	3766532.55
DISCCART	365118.57	3766532.55
DISCCART	365193.57	3766532.55
DISCCART	365268.57	3766532.55
DISCCART	365343.57	3766532.55
DISCCART	364568.57	3766057.55
DISCCART	364668.57	3766057.55
DISCCART	364768.57	3766057.55
DISCCART	364868.57	3766057.55
DISCCART	364968.57	3766057.55
DISCCART	365068.57	3766057.55
DISCCART	365168.57	3766057.55
DISCCART	365268.57	3766057.55
DISCCART	365368.57	3766057.55
DISCCART	364568.57	3766157.55
DISCCART	365368.57	3766157.55
DISCCART	364568.57	3766257.55
DISCCART	365368.57	3766257.55
DISCCART	364568.57	3766357.55
DISCCART	365368.57	3766357.55
DISCCART	364568.57	3766457.55
DISCCART	365368.57	3766457.55
DISCCART	364568.57	3766557.55
DISCCART	365368.57	3766557.55
DISCCART	364568.57	3766657.55
DISCCART	364668.57	3766657.55
DISCCART	364768.57	3766657.55
DISCCART	364868.57	3766657.55
DISCCART	364968.57	3766657.55
DISCCART	365068.57	3766657.55
DISCCART	365168.57	3766657.55
DISCCART	365268.57	3766657.55
DISCCART	365368.57	3766657.55
DISCCART	364268.57	3765757.55
DISCCART	364393.57	3765757.55
DISCCART	364518.57	3765757.55
DISCCART	364643.57	3765757.55
DISCCART	364768.57	3765757.55
DISCCART	364893.57	3765757.55
DISCCART	365018.57	3765757.55
DISCCART	365143.57	3765757.55
DISCCART	365268.57	3765757.55
DISCCART	365393.57	3765757.55
DISCCART	365518.57	3765757.55
DISCCART	365643.57	3765757.55
DISCCART	365768.57	3765757.55
DISCCART	364268.57	3765882.55
DISCCART	364393.57	3765882.55
DISCCART	364518.57	3765882.55
DISCCART	364643.57	3765882.55
DISCCART	364768.57	3765882.55

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DISCCART 364893.57 3765882.55
DISCCART 365018.57 3765882.55
DISCCART 365143.57 3765882.55
DISCCART 365268.57 3765882.55
DISCCART 365393.57 3765882.55
DISCCART 365518.57 3765882.55
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DISCCART 364268.57 3766007.55
DISCCART 364393.57 3766007.55
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DISCCART 364893.57 3766007.55
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DISCCART 365643.57 3766007.55
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DISCCART 364393.57 3766132.55
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DISCCART 365768.57 3766132.55
DISCCART 364268.57 3766257.55
DISCCART 364393.57 3766257.55
DISCCART 364518.57 3766257.55
DISCCART 365518.57 3766257.55
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DISCCART 365768.57 3766257.55
DISCCART 364268.57 3766382.55
DISCCART 364393.57 3766382.55
DISCCART 364518.57 3766382.55
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DISCCART 365643.57 3766382.55
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DISCCART 364268.57 3766507.55
DISCCART 364393.57 3766507.55
DISCCART 364518.57 3766507.55
DISCCART 365518.57 3766507.55
DISCCART 365643.57 3766507.55
DISCCART 365768.57 3766507.55
DISCCART 364268.57 3766632.55
DISCCART 364393.57 3766632.55
DISCCART 364518.57 3766632.55
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DISCCART 365768.57 3766632.55
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DISCCART 364393.57 3766757.55
DISCCART 364518.57 3766757.55
DISCCART 364643.57 3766757.55
DISCCART 364768.57 3766757.55
DISCCART 364893.57 3766757.55
DISCCART 365018.57 3766757.55
DISCCART 365143.57 3766757.55
DISCCART 365268.57 3766757.55
DISCCART 365393.57 3766757.55
DISCCART 365518.57 3766757.55
DISCCART 365643.57 3766757.55
DISCCART 365768.57 3766757.55
DISCCART 364268.57 3766882.55
DISCCART 364393.57 3766882.55
DISCCART 364518.57 3766882.55
DISCCART 364643.57 3766882.55
DISCCART 364768.57 3766882.55
DISCCART 364893.57 3766882.55
DISCCART 365018.57 3766882.55
DISCCART 365143.57 3766882.55
DISCCART 365268.57 3766882.55
DISCCART 365393.57 3766882.55
DISCCART 365518.57 3766882.55
DISCCART 365643.57 3766882.55
DISCCART 365768.57 3766882.55
DISCCART 364268.57 3767007.55
DISCCART 364393.57 3767007.55
DISCCART 364518.57 3767007.55
DISCCART 364643.57 3767007.55
DISCCART 364768.57 3767007.55
DISCCART 364893.57 3767007.55
DISCCART 365018.57 3767007.55
DISCCART 365143.57 3767007.55
DISCCART 365268.57 3767007.55
DISCCART 365393.57 3767007.55
DISCCART 365518.57 3767007.55
DISCCART 365643.57 3767007.55
DISCCART 365768.57 3767007.55
** -----
** END OF NESTED GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name SITE
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART 364787.78 3766259.45
DISCCART 365206.82 3766357.85
DISCCART 365180.28 3766456.25
DISCCART 364769.34 3766358.20
RE FINISHED
**
*****
** ISC-PRIME Meteorology Pathway
*****
**
**
ME STARTING
INPUTFIL C:\AERMOD~1\METDAT~1\WESTLA.ASC
ANEMHGH 97 METERS
SURFDATA 52158 1981
UAIRDATA 91919 1981
ME FINISHED
**
*****
** ISC-PRIME Output Pathway
*****
**
**

```


OU STARTING
 RECTABLE ALLAVE 1ST 6TH
 RECTABLE 24 1ST 6TH
 ** Auto-Generated Plotfiles
 PLOTFILE 24 ALL 1ST PM25DEMO.PR\24H1GALL.PLT
 PLOTFILE 24 ALL 6TH PM25DEMO.PR\24H6GALL.PLT
 PLOTFILE ANNUAL ALL PM25DEMO.PR\AN00GALL.PLT
 OU FINISHED

*** Message Summary For ISC3P Model Setup ***

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

A Total of 0 Fatal Error Message(s)
 A Total of 1 Warning Message(s)
 A Total of 0 Informational Message(s)

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

***** WARNING MESSAGES *****
 SO W320 162 APARAM :Source Parameter May Be Out-of-Range for Parameter ANGLE

 *** SETUP Finishes Successfully ***

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --
 **Model Uses NO DRY DEPLETION. DDPLETE = F
 **Model Uses NO WET DEPLETION. WDPLETE = F
 **NO WET SCAVENGING Data Provided.
 **Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations
 **Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
 1. Final Plume Rise.
 2. Stack-tip Downwash.
 3. Buoyancy-induced Dispersion.
 4. Use Calms Processing Routine.
 5. Not Use Missing Data Processing Routine.
 6. Default wind Profile Exponents.
 7. Default Vertical Potential Temperature Gradients.
 8. "Upper Bound" values for Supersquat Buildings.
 9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 61 Source(s); 1 Source Group(s); and 438 Receptor(s)

**The Model Assumes A Pollutant Type of: PM2.5

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

**Output Options Selected:
 Model Outputs Tables of ANNUAL Averages by Receptor
 Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
 Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

**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: Anem. Hgt. (m) = 97.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0008973	0	0.90833E-09	364794.8	3766274.5	0.0	5.00	17.38	2.33	
L0008974	0	0.90833E-09	364831.2	3766283.0	0.0	5.00	17.38	2.33	
L0008975	0	0.90833E-09	364867.5	3766291.8	0.0	5.00	17.38	2.33	
L0008976	0	0.90833E-09	364903.9	3766300.5	0.0	5.00	17.38	2.33	
L0008977	0	0.90833E-09	364940.2	3766309.0	0.0	5.00	17.38	2.33	
L0008978	0	0.90833E-09	364976.6	3766317.5	0.0	5.00	17.38	2.33	
L0008979	0	0.90833E-09	365013.0	3766326.2	0.0	5.00	17.38	2.33	
L0008980	0	0.90833E-09	365049.3	3766335.0	0.0	5.00	17.38	2.33	
L0008981	0	0.90833E-09	365085.7	3766343.5	0.0	5.00	17.38	2.33	
L0008982	0	0.90833E-09	365122.1	3766352.0	0.0	5.00	17.38	2.33	
L0008983	0	0.90833E-09	365158.4	3766360.8	0.0	5.00	17.38	2.33	
L0008984	0	0.90833E-09	365194.8	3766369.5	0.0	5.00	17.38	2.33	
L0008985	0	0.90833E-09	364791.1	3766295.0	0.0	5.00	17.42	2.33	
L0008986	0	0.90833E-09	364827.6	3766303.8	0.0	5.00	17.42	2.33	
L0008987	0	0.90833E-09	364864.0	3766312.2	0.0	5.00	17.42	2.33	
L0008988	0	0.90833E-09	364900.4	3766321.0	0.0	5.00	17.42	2.33	
L0008989	0	0.90833E-09	364936.9	3766329.5	0.0	5.00	17.42	2.33	

PM25demo.POU.txt
L0008990 0 0.90833E-09 364973.3 3766338.2 0.0 5.00 17.42 2.33
L0008991 0 0.90833E-09 365009.8 3766347.0 0.0 5.00 17.42 2.33
L0008992 0 0.90833E-09 365046.2 3766355.5 0.0 5.00 17.42 2.33
L0008993 0 0.90833E-09 365082.7 3766364.2 0.0 5.00 17.42 2.33
L0008994 0 0.90833E-09 365119.1 3766372.8 0.0 5.00 17.42 2.33
L0008995 0 0.90833E-09 365155.6 3766381.5 0.0 5.00 17.42 2.33
L0008996 0 0.90833E-09 365192.0 3766390.0 0.0 5.00 17.42 2.33
L0008997 0 0.90833E-09 364788.2 3766314.8 0.0 5.00 17.36 2.33
L0008998 0 0.90833E-09 364824.6 3766323.2 0.0 5.00 17.36 2.33
L0008999 0 0.90833E-09 364860.9 3766332.0 0.0 5.00 17.36 2.33
L0009000 0 0.90833E-09 364897.2 3766340.5 0.0 5.00 17.36 2.33
L0009001 0 0.90833E-09 364933.5 3766349.0 0.0 5.00 17.36 2.33
L0009002 0 0.90833E-09 364969.9 3766357.5 0.0 5.00 17.36 2.33
L0009003 0 0.90833E-09 365006.2 3766366.0 0.0 5.00 17.36 2.33
L0009004 0 0.90833E-09 365042.5 3766374.8 0.0 5.00 17.36 2.33
L0009005 0 0.90833E-09 365078.8 3766383.2 0.0 5.00 17.36 2.33
L0009006 0 0.90833E-09 365115.1 3766391.8 0.0 5.00 17.36 2.33
L0009007 0 0.90833E-09 365151.4 3766400.2 0.0 5.00 17.36 2.33
L0009008 0 0.90833E-09 365187.8 3766409.0 0.0 5.00 17.36 2.33
L0009009 0 0.90833E-09 364784.0 3766333.8 0.0 5.00 17.36 2.33
L0009010 0 0.90833E-09 364820.4 3766342.5 0.0 5.00 17.36 2.33
L0009011 0 0.90833E-09 364856.7 3766351.0 0.0 5.00 17.36 2.33
L0009012 0 0.90833E-09 364893.0 3766359.5 0.0 5.00 17.36 2.33
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 3

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0009013	0	0.90833E-09	364929.3	3766368.2	0.0	5.00	17.36	2.33	
L0009014	0	0.90833E-09	364965.6	3766376.8	0.0	5.00	17.36	2.33	
L0009015	0	0.90833E-09	365002.0	3766385.5	0.0	5.00	17.36	2.33	
L0009016	0	0.90833E-09	365038.2	3766394.0	0.0	5.00	17.36	2.33	
L0009017	0	0.90833E-09	365074.6	3766402.5	0.0	5.00	17.36	2.33	
L0009018	0	0.90833E-09	365110.9	3766411.2	0.0	5.00	17.36	2.33	
L0009019	0	0.90833E-09	365147.2	3766419.8	0.0	5.00	17.36	2.33	
L0009020	0	0.90833E-09	365183.6	3766428.5	0.0	5.00	17.36	2.33	
L0009021	0	0.90833E-09	364781.2	3766351.0	0.0	5.00	17.37	2.33	
L0009022	0	0.90833E-09	364817.6	3766359.8	0.0	5.00	17.37	2.33	
L0009023	0	0.90833E-09	364853.9	3766368.2	0.0	5.00	17.37	2.33	
L0009024	0	0.90833E-09	364890.2	3766377.0	0.0	5.00	17.37	2.33	
L0009025	0	0.90833E-09	364926.5	3766385.5	0.0	5.00	17.37	2.33	
L0009026	0	0.90833E-09	364962.9	3766394.2	0.0	5.00	17.37	2.33	
L0009027	0	0.90833E-09	364999.2	3766403.0	0.0	5.00	17.37	2.33	
L0009028	0	0.90833E-09	365035.5	3766411.5	0.0	5.00	17.37	2.33	
L0009029	0	0.90833E-09	365071.8	3766420.2	0.0	5.00	17.37	2.33	
L0009030	0	0.90833E-09	365108.2	3766428.8	0.0	5.00	17.37	2.33	
L0009031	0	0.90833E-09	365144.5	3766437.5	0.0	5.00	17.37	2.33	
L0009032	0	0.90833E-09	365180.8	3766446.0	0.0	5.00	17.37	2.33	
1 *** ISC3P - VERSION 04269 ***			*** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc						***
			***						***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 4

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
AREA1	0	0.24100E-07	364796.3	3766260.8	0.0	1.00	418.02	101.12	346.73	0.00	
1 *** ISC3P - VERSION 04269 ***			*** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc								***
			***								***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 5

*** SOURCE IDS DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDS

ALL AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, L0009002, L0009003, L0009004, L0009005, L0009006, L0009007, L0009008, L0009009, L0009010, L0009011, L0009012, L0009013, L0009014, L0009015, L0009016, L0009017, L0009018, L0009019, L0009020, L0009021, L0009022, L0009023, L0009024, L0009025, L0009026, L0009027, L0009028, L0009029, L0009030, L0009031, L0009032,

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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 6

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

(365195.6, 3766329.2,	0.0,	0.0);	(365046.7, 3766293.0,	0.0,	0.0);
(364925.0, 3766265.0,	0.0,	0.0);	(364810.1, 3766234.5,	0.0,	0.0);
(365230.9, 3766352.8,	0.0,	0.0);	(365358.0, 3766388.0,	0.0,	0.0);
(365384.3, 3766356.8,	0.0,	0.0);	(365410.7, 3766309.8,	0.0,	0.0);
(365214.2, 3766258.2,	0.0,	0.0);	(365061.9, 3766221.0,	0.0,	0.0);
(364950.5, 3766192.8,	0.0,	0.0);	(364852.0, 3766170.2,	0.0,	0.0);
(364936.4, 3766071.0,	0.0,	0.0);	(365000.7, 3766093.8,	0.0,	0.0);
(365093.7, 3766117.0,	0.0,	0.0);	(365250.9, 3766158.5,	0.0,	0.0);
(365455.3, 3766211.8,	0.0,	0.0);	(364768.6, 3766257.5,	0.0,	0.0);
(364788.6, 3766257.5,	0.0,	0.0);	(364808.6, 3766257.5,	0.0,	0.0);
(364828.6, 3766257.5,	0.0,	0.0);	(364848.6, 3766257.5,	0.0,	0.0);
(364868.6, 3766257.5,	0.0,	0.0);	(364888.6, 3766257.5,	0.0,	0.0);

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PM25Demo.POU.txt
(365268.6, 3766882.5, 0.0, 0.0); (365393.6, 3766882.5, 0.0, 0.0);
(365518.6, 3766882.5, 0.0, 0.0); (365643.6, 3766882.5, 0.0, 0.0);
(365768.6, 3766882.5, 0.0, 0.0); (364268.6, 3767007.5, 0.0, 0.0);
(364393.6, 3767007.5, 0.0, 0.0); (364518.6, 3767007.5, 0.0, 0.0);
(364643.6, 3767007.5, 0.0, 0.0); (364768.6, 3767007.5, 0.0, 0.0);
(364893.6, 3767007.5, 0.0, 0.0); (365018.6, 3767007.5, 0.0, 0.0);
(365143.6, 3767007.5, 0.0, 0.0); (365268.6, 3767007.5, 0.0, 0.0);
(365393.6, 3767007.5, 0.0, 0.0); (365518.6, 3767007.5, 0.0, 0.0);
(365643.6, 3767007.5, 0.0, 0.0); (365768.6, 3767007.5, 0.0, 0.0);
(364787.8, 3766259.5, 0.0, 0.0); (365206.8, 3766357.8, 0.0, 0.0);
(365180.3, 3766456.2, 0.0, 0.0); (364769.3, 3766358.2, 0.0, 0.0);
1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR XR (METERS)	LOCATION -- YR (METERS)	DISTANCE (METERS)
L0008973	364768.6	3766257.5	-6.12
L0008973	364788.6	3766257.5	-19.27
L0008973	364808.6	3766257.5	-15.48
L0008973	364828.6	3766257.5	0.45
L0008973	364768.6	3766277.5	-10.98
L0008973	364768.6	3766297.5	-2.49
L0008973	364787.8	3766259.5	-20.81
L0008974	364808.6	3766257.5	-3.30
L0008974	364828.6	3766257.5	-11.74
L0008974	364848.6	3766257.5	-6.49
L0008974	364868.6	3766277.5	0.44
L0008975	364868.6	3766257.5	-3.10
L0008975	364868.6	3766277.5	-23.08
L0008975	364888.6	3766277.5	-11.96
L0008976	364888.6	3766277.5	-9.72
L0008976	364908.6	3766277.5	-13.90
L0008976	364928.6	3766277.5	-3.65
L0008977	364928.6	3766277.5	-3.77
L0008977	364948.6	3766277.5	-4.79
L0008977	364968.6	3766297.5	-6.81
L0008978	364968.6	3766297.5	-15.81
L0008978	364988.6	3766297.5	-14.06
L0008978	365008.6	3766297.5	0.34
L0008979	364988.6	3766297.5	0.35
L0008979	365008.6	3766297.5	-8.28
L0008979	365028.6	3766297.5	-4.66
L0008979	365048.6	3766317.5	-0.71
L0008980	365048.6	3766297.5	0.14
L0008980	365048.6	3766317.5	-19.85
L0008980	365068.6	3766317.5	-11.37
L0008981	365068.6	3766317.5	-6.23
L0008981	365088.6	3766317.5	-11.21
L0008981	365108.6	3766317.5	-2.74
L0008982	365108.6	3766317.5	-0.32
L0008982	365128.6	3766317.5	-2.26
L0008982	365128.6	3766337.5	-21.48
L0008982	365148.6	3766337.5	-7.16
L0008983	365128.6	3766337.5	0.49
L0008983	365148.6	3766337.5	-12.11
L0008983	365168.6	3766337.5	-12.01

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR XR (METERS)	LOCATION -- YR (METERS)	DISTANCE (METERS)
L0008983	365188.6	3766337.5	0.69
L0008984	365188.6	3766337.5	-4.76
L0008984	365208.6	3766337.5	-2.54
L0008984	365208.6	3766357.5	-19.12
L0008984	365208.6	3766377.5	-21.46
L0008984	365208.6	3766397.5	-6.17
L0008984	365218.6	3766357.5	-10.76
L0008984	365218.6	3766382.5	-10.29
L0008984	365206.8	3766357.8	-20.55
L0008985	364788.6	3766257.5	0.13
L0008985	364768.6	3766277.5	-8.92
L0008985	364768.6	3766297.5	-14.78
L0008985	364768.6	3766317.5	-5.61
L0008985	364787.8	3766259.5	-1.80
L0008987	364868.6	3766277.5	-2.40
L0008992	365048.6	3766317.5	0.62
L0008994	365128.6	3766337.5	-0.96
L0008996	365208.6	3766357.5	-0.99
L0008996	365208.6	3766377.5	-16.73
L0008996	365208.6	3766397.5	-19.30
L0008996	365208.6	3766417.5	-5.37
L0008996	365218.6	3766382.5	-9.88
L0008996	365218.6	3766407.5	-5.67
L0008996	365206.8	3766357.8	-1.96
L0008997	364768.6	3766297.5	-11.15
L0008997	364768.6	3766317.5	-17.45
L0008997	364768.6	3766337.5	-7.24
L0009008	365208.6	3766377.5	0.43
L0009008	365208.6	3766397.5	-13.55
L0009008	365208.6	3766417.5	-14.84
L0009008	365188.6	3766437.5	-8.81
L0009008	365208.6	3766437.5	-2.03
L0009008	365218.6	3766407.5	-6.48
L0009009	364768.6	3766317.5	-14.89
L0009009	364768.6	3766337.5	-21.41
L0009009	364768.6	3766357.5	-8.98
L0009009	364769.3	3766358.2	-8.76
L0009010	364808.6	3766377.5	-0.38
L0009010	364828.6	3766377.5	-1.38
L0009011	364848.6	3766377.5	-9.61

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**MODELOPTS:  CONC

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URBAN FLAT DFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE	- - RECEPTOR	LOCATION - -	DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)
L0009012	364888.6	37663397.5	0.93
L0009013	364908.6	37663397.5	-1.46
L0009013	364928.6	37663397.5	-8.06
L0009015	364988.6	3766417.5	-2.63
L0009015	365008.6	3766417.5	-0.45
L0009016	365008.6	3766417.5	4.64
L0009017	365068.6	3766437.5	-1.81
L0009017	365088.6	3766437.5	0.36
L0009018	365088.6	3766437.5	-2.85
L0009019	365148.6	3766457.5	0.45
L0009020	365208.6	3766417.5	-10.01
L0009020	365188.6	3766437.5	-27.03
L0009020	365208.6	3766437.5	-10.75
L0009020	365168.6	3766457.5	-4.67
L0009020	365188.6	3766457.5	-7.90
L0009020	365208.6	3766457.5	0.96
L0009020	365218.6	3766432.5	-2.10
L0009020	365180.3	3766456.2	-9.38
L0009021	364768.6	3766317.5	-1.52
L0009021	364768.6	3766337.5	-18.82
L0009021	364768.6	3766357.5	-23.09
L0009021	364768.6	3766377.5	-7.96
L0009021	364788.6	3766377.5	-9.86
L0009021	364808.6	3766377.5	0.71
L0009021	364743.6	3766357.5	0.90
L0009021	364769.3	3766358.2	-23.41
L0009022	364788.6	3766377.5	-3.32
L0009022	364808.6	3766377.5	-17.43
L0009022	364828.6	3766377.5	-16.48
L0009022	364848.6	3766377.5	-1.65
L0009023	364828.6	3766377.5	-10.37
L0009023	364848.6	3766377.5	-26.66
L0009023	364848.6	3766397.5	-7.61
L0009023	364868.6	3766397.5	-4.63
L0009024	364868.6	3766397.5	-7.53
L0009024	364888.6	3766397.5	-16.78
L0009024	364908.6	3766397.5	-9.84
L0009025	364908.6	3766397.5	-15.74
L0009025	364928.6	3766397.5	-25.17
L0009025	364908.6	3766417.5	-0.65

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**MODELOPTS:  CONC
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URBAN FLAT DFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE	- - RECEPTOR	LOCATION - -	DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)
L0009025	364928.6	3766417.5	-5.28
L0009026	364928.6	3766397.5	-2.88
L0009026	364948.6	3766417.5	-10.04
L0009026	364968.6	3766417.5	-13.41
L0009026	364988.6	3766417.5	-2.70
L0009027	364968.6	3766417.5	-3.46
L0009027	364988.6	3766417.5	-19.37
L0009027	365008.6	3766417.5	-20.08
L0009027	364988.6	3766437.5	-1.25
L0009027	365008.6	3766437.5	-1.59
L0009028	365008.6	3766417.5	-9.75
L0009028	365008.6	3766437.5	0.09
L0009028	365028.6	3766437.5	-10.44
L0009028	365048.6	3766437.5	-8.25
L0009029	365048.6	3766437.5	-8.37
L0009029	365068.6	3766437.5	-19.79
L0009029	365088.6	3766437.5	-13.32
L0009029	365068.6	3766457.5	0.05
L0009030	365088.6	3766437.5	-15.89
L0009030	365088.6	3766457.5	-2.55
L0009030	365108.6	3766457.5	-8.59
L0009030	365128.6	3766457.5	-2.09
L0009031	365128.6	3766457.5	-11.77
L0009031	365148.6	3766457.5	-16.94
L0009031	365168.6	3766457.5	-6.06
L0009032	365188.6	3766437.5	-25.84
L0009032	365208.6	3766437.5	-8.32
L0009032	365148.6	3766457.5	-3.11
L0009032	365168.6	3766457.5	-20.54
L0009032	365188.6	3766457.5	-23.48
L0009032	365208.6	3766457.5	-7.31
L0009032	365180.3	3766456.2	-27.08

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**MODELOPTS:  CONC

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URBAN FLAT DFAULT

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

[illegible]

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	1	2	3	4	5	6
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

FILE: C:\AERMOD~1\METDAT~1\WESTLA.ASC
SURFACE STATION NO.: 52158
NAME: UNKNOWN
YEAR: 1981

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
UPPER AIR STATION NO.: 91919
NAME: UNKNOWN
YEAR: 1981

YEAR	MONTH	DAY	HOUR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-O (M)	IPCODE	PRATE (mm/HR)
81	1	1	1	67.3	1.00	285.9	7	387.1	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	2	79.9	1.00	286.5	7	397.2	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	3	62.5	1.00	285.9	6	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	4	98.5	1.00	285.9	5	417.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	5	354.0	1.00	285.4	4	427.4	427.4	0.0000	0.0	0.0000	0	0.00
81	1	1	6	139.5	1.00	283.7	5	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	7	94.5	1.00	283.7	6	447.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	8	112.2	1.00	284.3	5	70.1	201.5	0.0000	0.0	0.0000	0	0.00
81	1	1	9	186.5	1.00	287.0	4	144.7	254.3	0.0000	0.0	0.0000	0	0.00
81	1	1	10	256.6	1.00	291.5	3	219.4	307.0	0.0000	0.0	0.0000	0	0.00
81	1	1	11	314.1	1.00	294.8	2	294.0	359.8	0.0000	0.0	0.0000	0	0.00
81	1	1	12	35.6	2.68	290.9	3	368.7	412.5	0.0000	0.0	0.0000	0	0.00
81	1	1	13	64.7	2.24	289.8	3	443.3	465.3	0.0000	0.0	0.0000	0	0.00
81	1	1	14	34.2	2.24	290.4	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	15	44.8	1.34	290.4	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	16	53.2	1.79	289.3	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	17	42.6	0.00	288.1	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	18	30.1	1.00	287.6	5	518.0	468.5	0.0000	0.0	0.0000	0	0.00
81	1	1	19	20.5	0.00	287.0	6	518.0	425.9	0.0000	0.0	0.0000	0	0.00
81	1	1	20	55.7	1.00	287.0	7	518.0	383.4	0.0000	0.0	0.0000	0	0.00
81	1	1	21	43.6	0.00	287.6	7	518.0	340.8	0.0000	0.0	0.0000	0	0.00
81	1	1	22	137.0	1.00	287.0	7	518.0	298.2	0.0000	0.0	0.0000	0	0.00
81	1	1	23	90.7	1.00	286.5	7	518.0	255.6	0.0000	0.0	0.0000	0	0.00
81	1	1	24	67.2	1.00	286.5	6	518.0	213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREA1, L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365195.56	3766329.25	0.06235	365046.69	3766293.00	0.06131
364925.03	3766265.00	0.05223	364810.06	3766234.50	0.01595
365230.94	3766352.75	0.06190	365358.03	3766388.00	0.02109
365384.34	3766356.75	0.01606	365410.66	3766309.75	0.01115
365214.22	3766258.25	0.02173	365061.88	3766221.00	0.01993
364950.50	3766192.75	0.01516	364851.97	3766170.25	0.00731
364936.41	3766071.00	0.00421	365000.66	3766093.75	0.00640
365093.69	3766117.00	0.00874	365250.94	3766158.50	0.00971
365455.34	3766211.75	0.00614	364768.56	3766257.50	0.01877
364788.56	3766257.50	0.02461	364808.56	3766257.50	0.04158
364828.56	3766257.50	0.05062	364848.56	3766257.50	0.05125
364868.56	3766257.50	0.04971	364888.56	3766257.50	0.04750
364908.56	3766257.50	0.04513	364928.56	3766257.50	0.04283
364948.56	3766257.50	0.04066	364968.56	3766257.50	0.03863
364988.56	3766257.50	0.03676	365008.56	3766257.50	0.03502
365028.56	3766257.50	0.03341	365048.56	3766257.50	0.03191
365068.56	3766257.50	0.03052	365088.56	3766257.50	0.02923
365108.56	3766257.50	0.02804	365128.56	3766257.50	0.02696
365148.56	3766257.50	0.02593	365168.56	3766257.50	0.02485
365188.56	3766257.50	0.02353	365208.56	3766257.50	0.02202
364768.56	3766277.50	0.03402	364868.56	3766277.50	0.12144
364888.56	3766277.50	0.10097	364908.56	3766277.50	0.08627
364928.56	3766277.50	0.07529	364948.56	3766277.50	0.06705
364968.56	3766277.50	0.06062	364988.56	3766277.50	0.05541

365008.56 3766277.50 0.05108 PM25demo.POU.txt 365028.56 3766277.50 0.04741
365048.56 3766277.50 0.04422 365068.56 3766277.50 0.04142
365088.56 3766277.50 0.03895 365108.56 3766277.50 0.03674
365128.56 3766277.50 0.03477 365148.56 3766277.50 0.03299
365168.56 3766277.50 0.03127 365188.56 3766277.50 0.02932
365208.56 3766277.50 0.02705 364768.56 3766297.50 0.04907
364968.56 3766297.50 0.12109 364988.56 3766297.50 0.10120
365008.56 3766297.50 0.08679 365028.56 3766297.50 0.07610
365048.56 3766297.50 0.06782 365068.56 3766297.50 0.06121
365088.56 3766297.50 0.05578 365108.56 3766297.50 0.05122
365128.56 3766297.50 0.04734 365148.56 3766297.50 0.04400
365168.56 3766297.50 0.04098 365188.56 3766297.50 0.03787
365208.56 3766297.50 0.03426 364768.56 3766317.50 0.06255
365048.56 3766317.50 0.13320 365068.56 3766317.50 0.11029
365088.56 3766317.50 0.09356 365108.56 3766317.50 0.08100
365128.56 3766317.50 0.07143 365148.56 3766317.50 0.06387
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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365168.56 3766317.50 0.05760 365188.56 3766317.50 0.05188
365208.56 3766317.50 0.04545 364768.56 3766337.50 0.07474
365128.56 3766337.50 0.14003 365148.56 3766337.50 0.11443
365168.56 3766337.50 0.09542 365188.56 3766337.50 0.08065
365208.56 3766337.50 0.06592 364768.56 3766357.50 0.07750
365208.56 3766357.50 0.11600 364768.56 3766377.50 0.04913
364788.56 3766377.50 0.07987 364808.56 3766377.50 0.12856
364828.56 3766377.50 0.18713 364848.56 3766377.50 0.25413
365208.56 3766377.50 0.17321 364768.56 3766397.50 0.03520
364788.56 3766397.50 0.04767 364808.56 3766397.50 0.06447
364828.56 3766397.50 0.08598 364848.56 3766397.50 0.11072
364868.56 3766397.50 0.13879 364888.56 3766397.50 0.17240
364908.56 3766397.50 0.21546 364928.56 3766397.50 0.27331
365208.56 3766397.50 0.17521 364768.56 3766417.50 0.02741
364788.56 3766417.50 0.03451 364808.56 3766417.50 0.04313
364828.56 3766417.50 0.05380 364848.56 3766417.50 0.06650
364868.56 3766417.50 0.08065 364888.56 3766417.50 0.09598
364908.56 3766417.50 0.11267 364928.56 3766417.50 0.13135
364948.56 3766417.50 0.15318 364968.56 3766417.50 0.18057
364988.56 3766417.50 0.21654 365008.56 3766417.50 0.26882
365208.56 3766417.50 0.16299 364768.56 3766437.50 0.02231
364788.56 3766437.50 0.02695 364808.56 3766437.50 0.03234
364828.56 3766437.50 0.03857 364848.56 3766437.50 0.04601
364868.56 3766437.50 0.05451 364888.56 3766437.50 0.06380
364908.56 3766437.50 0.07364 364928.56 3766437.50 0.08401
364948.56 3766437.50 0.09498 364968.56 3766437.50 0.10682
364988.56 3766437.50 0.12001 365008.56 3766437.50 0.13515
365028.56 3766437.50 0.15337 365048.56 3766437.50 0.17629
365068.56 3766437.50 0.20733 365088.56 3766437.50 0.25185
365188.56 3766437.50 0.25315 365208.56 3766437.50 0.14384
364768.56 3766457.50 0.01864 364788.56 3766457.50 0.02191
364808.56 3766457.50 0.02562 364828.56 3766457.50 0.02972
364848.56 3766457.50 0.03445 364868.56 3766457.50 0.03994
364888.56 3766457.50 0.04604 364908.56 3766457.50 0.05259
364928.56 3766457.50 0.05943 364948.56 3766457.50 0.06649
364968.56 3766457.50 0.07378 364988.56 3766457.50 0.08133
365008.56 3766457.50 0.08927 365028.56 3766457.50 0.09775
365048.56 3766457.50 0.10699 365068.56 3766457.50 0.11729
365088.56 3766457.50 0.12904 365108.56 3766457.50 0.14280
365128.56 3766457.50 0.15932 365148.56 3766457.50 0.17947
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365168.56 3766457.50 0.20090 365188.56 3766457.50 0.17647
365208.56 3766457.50 0.11727 364743.56 3766232.50 0.00879
364768.56 3766232.50 0.00952 364793.56 3766232.50 0.01175
364818.56 3766232.50 0.01697 364843.56 3766232.50 0.02218
364868.56 3766232.50 0.02503 364893.56 3766232.50 0.02618
364918.56 3766232.50 0.02636 364943.56 3766232.50 0.02603
364968.56 3766232.50 0.02544 364993.56 3766232.50 0.02473
365018.56 3766232.50 0.02396 365043.56 3766232.50 0.02317
365068.56 3766232.50 0.02238 365093.56 3766232.50 0.02162
365118.56 3766232.50 0.02091 365143.56 3766232.50 0.02022
365168.56 3766232.50 0.01940 365193.56 3766232.50 0.01831
365218.56 3766232.50 0.01707 365243.56 3766232.50 0.01579
364743.56 3766257.50 0.01485 365218.56 3766257.50 0.02124
365243.56 3766257.50 0.01928 364743.56 3766282.50 0.02407
365218.56 3766282.50 0.02732 365243.56 3766282.50 0.02412
364743.56 3766307.50 0.03292 365218.56 3766307.50 0.03676
365243.56 3766307.50 0.03091 364743.56 3766332.50 0.03940
365218.56 3766332.50 0.05344 365243.56 3766332.50 0.04007
364743.56 3766357.50 0.03931 365218.56 3766357.50 0.08703
365243.56 3766357.50 0.05380 364743.56 3766382.50 0.03072
365218.56 3766382.50 0.12477 365243.56 3766382.50 0.06765
364743.56 3766407.50 0.02367 365218.56 3766407.50 0.13009
365243.56 3766407.50 0.07660 364743.56 3766432.50 0.01890
365218.56 3766432.50 0.12009 365243.56 3766432.50 0.07736
364743.56 3766457.50 0.01553 365218.56 3766457.50 0.09975
365243.56 3766457.50 0.07047 364743.56 3766482.50 0.01302
364768.56 3766482.50 0.01528 364793.56 3766482.50 0.01814
364818.56 3766482.50 0.02137 364843.56 3766482.50 0.02494
364868.56 3766482.50 0.02909 364893.56 3766482.50 0.03394
364918.56 3766482.50 0.03930 364943.56 3766482.50 0.04498
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364968.56 3766482.50 0.05078 364993.56 3766482.50 0.05665
365018.56 3766482.50 0.06253 365043.56 3766482.50 0.06843
365068.56 3766482.50 0.07434 365093.56 3766482.50 0.08024
365118.56 3766482.50 0.08596 365143.56 3766482.50 0.09105
365168.56 3766482.50 0.09447 365193.56 3766482.50 0.09030
365218.56 3766482.50 0.07666 365243.56 3766482.50 0.06083
364718.56 3766207.50 0.00563 364768.56 3766207.50 0.00616
364818.56 3766207.50 0.00982 364868.56 3766207.50 0.01485
364918.56 3766207.50 0.01768 364968.56 3766207.50 0.01829
365018.56 3766207.50 0.01798 365068.56 3766207.50 0.01733
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365118.56 3766207.50 0.01663 365168.56 3766207.50 0.01570
365218.56 3766207.50 0.01411 365268.56 3766207.50 0.01231
364718.56 3766257.50 0.01234 365268.56 3766257.50 0.01736
364718.56 3766307.50 0.02302 365268.56 3766307.50 0.02537
364718.56 3766357.50 0.02631 365268.56 3766357.50 0.03878
364718.56 3766407.50 0.01895 365268.56 3766407.50 0.05153
364718.56 3766457.50 0.01333 365268.56 3766457.50 0.05192
364718.56 3766507.50 0.00979 364768.56 3766507.50 0.01278
364818.56 3766507.50 0.01717 364868.56 3766507.50 0.02239
364918.56 3766507.50 0.02917 364968.56 3766507.50 0.03705
365018.56 3766507.50 0.04501 365068.56 3766507.50 0.05245
365118.56 3766507.50 0.05880 365168.56 3766507.50 0.06256
365218.56 3766507.50 0.05703 365268.56 3766507.50 0.04282
364668.56 3766157.50 0.00306 364743.56 3766157.50 0.00318
364818.56 3766157.50 0.00498 364893.56 3766157.50 0.00798
364968.56 3766157.50 0.01055 365043.56 3766157.50 0.01137
365118.56 3766157.50 0.01144 365193.56 3766157.50 0.01070
365268.56 3766157.50 0.00930 365343.56 3766157.50 0.00775
364668.56 3766232.50 0.00675 365268.56 3766232.50 0.01450
365343.56 3766232.50 0.01058 364668.56 3766307.50 0.01388
365268.56 3766307.50 0.02537 365343.56 3766307.50 0.01519
364668.56 3766382.50 0.01430 365268.56 3766382.50 0.04610
365343.56 3766382.50 0.02292 364668.56 3766457.50 0.01011
365268.56 3766457.50 0.05192 365343.56 3766457.50 0.02505
364668.56 3766532.50 0.00702 364743.56 3766532.50 0.00955
364818.56 3766532.50 0.01416 364893.56 3766532.50 0.02008
364968.56 3766532.50 0.02814 365043.56 3766532.50 0.03659
365118.56 3766532.50 0.04353 365193.56 3766532.50 0.04528
365268.56 3766532.50 0.03700 365343.56 3766532.50 0.02385
364568.56 3766057.50 0.00138 364668.56 3766057.50 0.00142
364768.56 3766057.50 0.00166 364868.56 3766057.50 0.00288
364968.56 3766057.50 0.00431 365068.56 3766057.50 0.00582
365168.56 3766057.50 0.00633 365268.56 3766057.50 0.00592
365368.56 3766057.50 0.00516 364568.56 3766157.50 0.00269
365368.56 3766157.50 0.00719 364568.56 3766257.50 0.00563
365368.56 3766257.50 0.01040 364568.56 3766357.50 0.00762
365368.56 3766357.50 0.01762 364568.56 3766457.50 0.00629
365368.56 3766457.50 0.02080 364568.56 3766557.50 0.00453
365368.56 3766557.50 0.01981 364568.56 3766657.50 0.00330
364668.56 3766657.50 0.00418 364768.56 3766657.50 0.00571
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
364868.56 3766657.50 0.00792 364968.56 3766657.50 0.01041
365068.56 3766657.50 0.01362 365168.56 3766657.50 0.01621
365268.56 3766657.50 0.01657 365368.56 3766657.50 0.01482
364268.56 3765757.50 0.00038 364393.56 3765757.50 0.00041
364518.56 3765757.50 0.00040 364643.56 3765757.50 0.00036
364768.56 3765757.50 0.00053 364893.56 3765757.50 0.00089
365018.56 3765757.50 0.00131 365143.56 3765757.50 0.00162
365268.56 3765757.50 0.00187 365393.56 3765757.50 0.00204
365518.56 3765757.50 0.00204 365643.56 3765757.50 0.00188
365768.56 3765757.50 0.00160 364268.56 3765882.50 0.00056
364393.56 3765882.50 0.00059 364518.56 3765882.50 0.00062
364643.56 3765882.50 0.00058 364768.56 3765882.50 0.00077
364893.56 3765882.50 0.00132 365018.56 3765882.50 0.00200
365143.56 3765882.50 0.00264 365268.56 3765882.50 0.00298
365393.56 3765882.50 0.00295 365518.56 3765882.50 0.00269
365643.56 3765882.50 0.00224 365768.56 3765882.50 0.00175
364268.56 3766007.50 0.00092 364393.56 3766007.50 0.00098
364518.56 3766007.50 0.00103 364643.56 3766007.50 0.00106
364768.56 3766007.50 0.00128 364893.56 3766007.50 0.00236
365018.56 3766007.50 0.00368 365143.56 3766007.50 0.00486
365268.56 3766007.50 0.00483 365393.56 3766007.50 0.00426
365518.56 3766007.50 0.00341 365643.56 3766007.50 0.00250
365768.56 3766007.50 0.00190 364268.56 3766132.50 0.00145
364393.56 3766132.50 0.00176 364518.56 3766132.50 0.00212
365518.56 3766132.50 0.00409 365643.56 3766132.50 0.00295
365768.56 3766132.50 0.00231 364268.56 3766257.50 0.00223
364393.56 3766257.50 0.00309 364518.56 3766257.50 0.00463
365518.56 3766257.50 0.00601 365643.56 3766257.50 0.00442
365768.56 3766257.50 0.00346 364268.56 3766382.50 0.00244
364393.56 3766382.50 0.00356 364518.56 3766382.50 0.00583
365518.56 3766382.50 0.00936 365643.56 3766382.50 0.00614
365768.56 3766382.50 0.00441 364268.56 3766507.50 0.00224
364393.56 3766507.50 0.00306 364518.56 3766507.50 0.00452
365518.56 3766507.50 0.00941 365643.56 3766507.50 0.00612
365768.56 3766507.50 0.00440 364268.56 3766632.50 0.00183
364393.56 3766632.50 0.00238 364518.56 3766632.50 0.00314

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                                PM25Demo.POU.txt
365518.56  3766632.50  0.00946  365643.56  3766632.50  0.00606
365768.56  3766632.50  0.00424  364268.56  3766757.50  0.00149
364393.56  3766757.50  0.00182  364518.56  3766757.50  0.00226
364643.56  3766757.50  0.00281  364768.56  3766757.50  0.00384
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
***
**MODELOPTS: CONC                URBAN  FLAT      DEFAULT
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION  VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5      IN MICROGRAMS/M**3      **
X-COORD (M)  Y-COORD (M)  CONC      X-COORD (M)  Y-COORD (M)  CONC
364893.56  3766757.50  0.00534  365018.56  3766757.50  0.00686
365143.56  3766757.50  0.00869  365268.56  3766757.50  0.00963
365393.56  3766757.50  0.00972  365518.56  3766757.50  0.00806
365643.56  3766757.50  0.00601  365768.56  3766757.50  0.00435
364268.56  3766882.50  0.00120  364393.56  3766882.50  0.00141
364518.56  3766882.50  0.00164  364643.56  3766882.50  0.00198
364768.56  3766882.50  0.00261  364893.56  3766882.50  0.00342
365018.56  3766882.50  0.00419  365143.56  3766882.50  0.00488
365268.56  3766882.50  0.00547  365393.56  3766882.50  0.00600
365518.56  3766882.50  0.00591  365643.56  3766882.50  0.00513
365768.56  3766882.50  0.00418  364268.56  3767007.50  0.00097
364393.56  3767007.50  0.00110  364518.56  3767007.50  0.00125
364643.56  3767007.50  0.00150  364768.56  3767007.50  0.00191
364893.56  3767007.50  0.00242  365018.56  3767007.50  0.00288
365143.56  3767007.50  0.00316  365268.56  3767007.50  0.00343
365393.56  3767007.50  0.00384  365518.56  3767007.50  0.00415
365643.56  3767007.50  0.00402  365768.56  3767007.50  0.00359
364787.78  3766259.50  0.02750  365206.84  3766357.75  0.12367
365180.28  3766456.25  0.21663  364769.34  3766358.25  0.07914
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
***
**MODELOPTS: CONC                URBAN  FLAT      DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION  VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5      IN MICROGRAMS/M**3      **
X-COORD (M)  Y-COORD (M)  CONC      X-COORD (M)  Y-COORD (M)  CONC
365195.56  3766329.25  0.22979c (81103124)  365046.69  3766293.00  0.23883c (81103124)
364925.03  3766265.00  0.25013c (81011224)  364810.06  3766234.50  0.10748 (81122224)
365230.94  3766352.75  0.18456c (81110224)  365358.03  3766388.00  0.07359 (81032624)
365384.34  3766356.75  0.05619 (81032624)  365410.66  3766309.75  0.04348c (81071824)
365214.22  3766258.25  0.10077c (81103024)  365061.88  3766221.00  0.09609 (81122224)
364950.50  3766192.75  0.09481 (81122224)  364851.97  3766170.25  0.07041 (81122224)
364936.41  3766071.00  0.04984 (81122224)  365000.66  3766093.75  0.05700 (81122224)
365093.69  3766117.00  0.05765 (81122224)  365250.94  3766158.50  0.05360c (81103024)
365455.34  3766211.75  0.02925c (81110224)  364768.56  3766257.50  0.13588c (81011224)
364788.56  3766257.50  0.19080c (81011224)  364808.56  3766257.50  0.24703c (81011224)
364828.56  3766257.50  0.27932c (81011224)  364848.56  3766257.50  0.27406c (81011224)
364868.56  3766257.50  0.26084c (81011224)  364888.56  3766257.50  0.24530c (81011224)
364908.56  3766257.50  0.22958c (81011224)  364928.56  3766257.50  0.21448c (81011224)
364948.56  3766257.50  0.20044c (81011224)  364968.56  3766257.50  0.18699c (81011224)
364988.56  3766257.50  0.17385c (81011224)  365008.56  3766257.50  0.16063c (81011224)
365028.56  3766257.50  0.14741c (81011224)  365048.56  3766257.50  0.13615c (81103124)
365068.56  3766257.50  0.13077c (81103124)  365088.56  3766257.50  0.12549c (81103124)
365108.56  3766257.50  0.12064c (81103124)  365128.56  3766257.50  0.11632c (81103124)
365148.56  3766257.50  0.11249c (81103124)  365168.56  3766257.50  0.10854c (81103024)
365188.56  3766257.50  0.10535c (81103024)  365208.56  3766257.50  0.10176c (81103024)
364768.56  3766277.50  0.16808c (81030624)  364868.56  3766277.50  0.44556c (81011224)
364888.56  3766277.50  0.41658c (81011224)  364908.56  3766277.50  0.36873c (81011224)
364928.56  3766277.50  0.32608c (81011224)  364948.56  3766277.50  0.29147c (81011224)
364968.56  3766277.50  0.26319c (81011224)  364988.56  3766277.50  0.23923c (81011224)
365008.56  3766277.50  0.21757c (81011224)  365028.56  3766277.50  0.19749c (81011224)
365048.56  3766277.50  0.18165c (81103124)  365068.56  3766277.50  0.17159c (81103124)
365088.56  3766277.50  0.16244c (81103124)  365108.56  3766277.50  0.15396c (81103124)
365128.56  3766277.50  0.14634c (81103124)  365148.56  3766277.50  0.13964c (81103124)
365168.56  3766277.50  0.13304c (81103124)  365188.56  3766277.50  0.12426c (81103024)
365208.56  3766277.50  0.11889c (81103024)  364768.56  3766297.50  0.23062c (81112724)
364968.56  3766297.50  0.43416c (81011224)  364988.56  3766297.50  0.38120c (81011224)
365008.56  3766297.50  0.33174c (81011224)  365028.56  3766297.50  0.29133c (81011224)
365048.56  3766297.50  0.25927c (81103124)  365068.56  3766297.50  0.23857c (81103124)
365088.56  3766297.50  0.22072c (81103124)  365108.56  3766297.50  0.20518c (81103124)
365128.56  3766297.50  0.19129c (81103124)  365148.56  3766297.50  0.17908c (81103124)
365168.56  3766297.50  0.16823c (81103124)  365188.56  3766297.50  0.15340c (81103124)
365208.56  3766297.50  0.14289c (81103024)  364768.56  3766317.50  0.29048c (81112724)
365048.56  3766317.50  0.43185c (81011224)  365068.56  3766317.50  0.37613c (81103124)
365088.56  3766317.50  0.33433c (81103124)  365108.56  3766317.50  0.29844c (81103124)
365128.56  3766317.50  0.27068c (81103124)  365148.56  3766317.50  0.24541c (81103124)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
***
**MODELOPTS: CONC                URBAN  FLAT      DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION  VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5      IN MICROGRAMS/M**3      **
X-COORD (M)  Y-COORD (M)  CONC      X-COORD (M)  Y-COORD (M)  CONC
365168.56  3766317.50  0.22412c (81103124)  365188.56  3766317.50  0.20068c (81103124)
365208.56  3766317.50  0.17911c (81103024)  364768.56  3766337.50  0.34217c (81112724)
365128.56  3766337.50  0.41562c (81103124)  365148.56  3766337.50  0.38398c (81103124)
365168.56  3766337.50  0.34136c (81103124)  365188.56  3766337.50  0.29062c (81103124)
365208.56  3766337.50  0.23833c (81103024)  364768.56  3766357.50  0.34980c (81112724)
365208.56  3766357.50  0.31185c (81110224)  364768.56  3766377.50  0.21905c (81123124)
364788.56  3766377.50  0.28444c (81123124)  364808.56  3766377.50  0.34365c (81123124)
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364828.56 3766377.50 0.41266c (81123124) PM25Demo.POU.txt 364848.56 3766377.50 0.47770c (81041924)
365208.56 3766377.50 0.34627c (81010624) 364768.56 3766397.50 0.16153c (81123124)
364788.56 3766397.50 0.19484c (81123124) 364808.56 3766397.50 0.21681c (81123124)
364828.56 3766397.50 0.24130c (81123124) 364848.56 3766397.50 0.27415c (81123124)
364868.56 3766397.50 0.31381c (81123124) 364888.56 3766397.50 0.36341c (81123124)
364908.56 3766397.50 0.42059c (81123124) 364928.56 3766397.50 0.47297c (81123124)
365208.56 3766397.50 0.32470c (81012624) 364768.56 3766417.50 0.12919c (81123124)
364788.56 3766417.50 0.14997c (81123124) 364808.56 3766417.50 0.16276c (81123124)
364828.56 3766417.50 0.17446c (81123124) 364848.56 3766417.50 0.18883c (81123124)
364868.56 3766417.50 0.20749c (81123124) 364888.56 3766417.50 0.22855c (81123124)
364908.56 3766417.50 0.25308c (81123124) 364928.56 3766417.50 0.28140c (81123124)
364948.56 3766417.50 0.31485c (81123124) 364968.56 3766417.50 0.35624c (81123124)
364988.56 3766417.50 0.40870c (81123124) 365008.56 3766417.50 0.46269c (81123124)
365208.56 3766417.50 0.30097c (81032624) 364768.56 3766437.50 0.10791c (81123124)
364788.56 3766437.50 0.12218c (81123124) 364808.56 3766437.50 0.13107c (81123124)
364828.56 3766437.50 0.13774c (81123124) 364848.56 3766437.50 0.14520c (81123124)
364868.56 3766437.50 0.15438c (81123124) 364888.56 3766437.50 0.16558c (81123124)
364908.56 3766437.50 0.17855c (81123124) 364928.56 3766437.50 0.19281c (81123124)
364948.56 3766437.50 0.20832c (81123124) 364968.56 3766437.50 0.22549c (81123124)
364988.56 3766437.50 0.24432c (81123124) 365008.56 3766437.50 0.26644c (81123124)
365028.56 3766437.50 0.29214c (81123124) 365048.56 3766437.50 0.32537c (81123124)
365068.56 3766437.50 0.36706c (81123124) 365088.56 3766437.50 0.42439c (81082524)
365188.56 3766437.50 0.45122c (81051424) 365208.56 3766437.50 0.28462c (81051424)
364768.56 3766457.50 0.09151c (81123124) 364788.56 3766457.50 0.10173c (81123124)
364808.56 3766457.50 0.10816c (81123124) 364828.56 3766457.50 0.11229c (81123124)
364848.56 3766457.50 0.11633c (81123124) 364868.56 3766457.50 0.12253c (81021424)
364888.56 3766457.50 0.13312c (81021424) 364908.56 3766457.50 0.14188c (81021424)
364928.56 3766457.50 0.14979c (81021424) 364948.56 3766457.50 0.15769c (81021424)
364968.56 3766457.50 0.16586c (81021424) 364988.56 3766457.50 0.17477c (81021424)
365008.56 3766457.50 0.18450c (81021424) 365028.56 3766457.50 0.19527c (81021424)
365048.56 3766457.50 0.20717c (81021424) 365068.56 3766457.50 0.22483c (81082524)
365088.56 3766457.50 0.24854c (81082524) 365108.56 3766457.50 0.27618c (81082524)
365128.56 3766457.50 0.30793c (81082524) 365148.56 3766457.50 0.33930c (81082524)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

***MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
365168.56 3766457.50 0.39405c (81081024) 365188.56 3766457.50 0.39427c (81081024)
365208.56 3766457.50 0.26886c (81051424) 364743.56 3766232.50 0.08369c (81030624)
364768.56 3766232.50 0.10257c (81011224) 364793.56 3766232.50 0.09848c (81011224)
364818.56 3766232.50 0.13354c (81122224) 364843.56 3766232.50 0.16042c (81122224)
364868.56 3766232.50 0.15533c (81122224) 364893.56 3766232.50 0.15010c (81011224)
364918.56 3766232.50 0.14775c (81011224) 364943.56 3766232.50 0.14176c (81011224)
364968.56 3766232.50 0.13326c (81011224) 364993.56 3766232.50 0.12324c (81011224)
365018.56 3766232.50 0.12113c (81011224) 365043.56 3766232.50 0.10712c (81122224)
365068.56 3766232.50 0.10267c (81122224) 365093.56 3766232.50 0.09867c (81122224)
365118.56 3766232.50 0.09565c (81103024) 365143.56 3766232.50 0.09292c (81103024)
365168.56 3766232.50 0.09032c (81103024) 365193.56 3766232.50 0.08781c (81103024)
365218.56 3766232.50 0.08431c (81103024) 365243.56 3766232.50 0.07470c (81103024)
364743.56 3766257.50 0.10210c (81030624) 365218.56 3766257.50 0.09871c (81103024)
365243.56 3766257.50 0.08263c (81103024) 364743.56 3766282.50 0.11725c (81030624)
365218.56 3766282.50 0.11820c (81103024) 365243.56 3766282.50 0.09093c (81103024)
364743.56 3766307.50 0.17299c (81112724) 365218.56 3766307.50 0.14484c (81103024)
365243.56 3766307.50 0.10752c (81110224) 364743.56 3766332.50 0.21322c (81112724)
365218.56 3766332.50 0.17671c (81103024) 365243.56 3766332.50 0.13604c (81110224)
364743.56 3766357.50 0.21737c (81030124) 365218.56 3766357.50 0.24221c (81110224)
365243.56 3766357.50 0.15071c (81110224) 364743.56 3766382.50 0.15468c (81123124)
365218.56 3766382.50 0.25887c (81010624) 365243.56 3766382.50 0.16533c (81121424)
364743.56 3766407.50 0.12481c (81123124) 365218.56 3766407.50 0.25803c (81032624)
365243.56 3766407.50 0.17619c (81032624) 364743.56 3766432.50 0.10083c (81123124)
365218.56 3766432.50 0.23636c (81051424) 365243.56 3766432.50 0.16233c (81032624)
364743.56 3766457.50 0.08284c (81123124) 365218.56 3766457.50 0.23202c (81051424)
365243.56 3766457.50 0.16634c (81051424) 364743.56 3766482.50 0.06854c (81123124)
364768.56 3766482.50 0.07497c (81123124) 364793.56 3766482.50 0.08316c (81123124)
364818.56 3766482.50 0.08742c (81123124) 364843.56 3766482.50 0.08967c (81123124)
364868.56 3766482.50 0.09720c (81021424) 364893.56 3766482.50 0.10824c (81021424)
364918.56 3766482.50 0.11650c (81021424) 364943.56 3766482.50 0.12325c (81021424)
364968.56 3766482.50 0.12932c (81021424) 364993.56 3766482.50 0.13517c (81021424)
365018.56 3766482.50 0.14090c (81021424) 365043.56 3766482.50 0.14639c (81021424)
365068.56 3766482.50 0.15368c (81082524) 365093.56 3766482.50 0.16641c (81082524)
365118.56 3766482.50 0.17601c (81082524) 365143.56 3766482.50 0.18002c (81050224)
365168.56 3766482.50 0.20048c (81050224) 365193.56 3766482.50 0.21921c (81050224)
365218.56 3766482.50 0.17956c (81050224) 365243.56 3766482.50 0.15447c (81101124)
364718.56 3766207.50 0.06060c (81011224) 364768.56 3766207.50 0.07055c (81011224)
364818.56 3766207.50 0.06907c (81122224) 364868.56 3766207.50 0.11778c (81122224)
364918.56 3766207.50 0.11055c (81122224) 364968.56 3766207.50 0.10170c (81122224)
365018.56 3766207.50 0.09412c (81122224) 365068.56 3766207.50 0.08773c (81122224)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

***MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
365118.56 3766207.50 0.08220c (81122224) 365168.56 3766207.50 0.07700c (81103024)
365218.56 3766207.50 0.07318c (81103024) 365268.56 3766207.50 0.05724c (81103024)
364718.56 3766257.50 0.07930c (81030624) 365268.56 3766257.50 0.06472c (81110224)
364718.56 3766307.50 0.12886c (81112724) 365268.56 3766307.50 0.09331c (81110224)
364718.56 3766357.50 0.16589c (81030124) 365268.56 3766357.50 0.10731c (81110224)
364718.56 3766407.50 0.10350c (81123124) 365268.56 3766407.50 0.12652c (81032624)
364718.56 3766457.50 0.07783c (81123124) 365268.56 3766457.50 0.12088c (81051424)
364718.56 3766507.50 0.05456c (81123124) 364768.56 3766507.50 0.06112c (81123124)
364818.56 3766507.50 0.06928c (81123124) 364868.56 3766507.50 0.07920c (81021424)
364918.56 3766507.50 0.09589c (81021424) 364968.56 3766507.50 0.10480c (81021424)
365018.56 3766507.50 0.11017c (81021424) 365068.56 3766507.50 0.11523c (81082524)
365118.56 3766507.50 0.11846c (81050224) 365168.56 3766507.50 0.13944c (81050224)
365218.56 3766507.50 0.14666c (81050224) 365268.56 3766507.50 0.11786c (81101124)

364668.56 3766157.50 0.03874c (81011224) PM25Demo.POU.txt 364743.56 3766157.50 0.04466c (81011224)
364818.56 3766157.50 0.03998c (81011224) 364893.56 3766157.50 0.07823 (81122224)
364968.56 3766157.50 0.07621 (81122224) 365043.56 3766157.50 0.07044 (81122224)
365118.56 3766157.50 0.06541 (81122224) 365193.56 3766157.50 0.05793c (81103024)
365268.56 3766157.50 0.04952c (81103024) 365343.56 3766157.50 0.03563c (81011224)
364668.56 3766232.50 0.04823c (81030624) 365268.56 3766232.50 0.06105c (81103024)
365343.56 3766232.50 0.04443c (81110224) 364668.56 3766307.50 0.08316c (81112724)
365268.56 3766307.50 0.09331c (81110224) 365343.56 3766307.50 0.05698c (81110224)
364668.56 3766382.50 0.09781c (81030124) 365268.56 3766382.50 0.12717c (81121424)
365343.56 3766382.50 0.07904 (81032624) 364668.56 3766457.50 0.06191c (81123124)
365268.56 3766457.50 0.12088c (81051424) 365343.56 3766457.50 0.07024c (81032224)
364668.56 3766532.50 0.04264c (81123124) 364743.56 3766532.50 0.04626c (81123124)
364818.56 3766532.50 0.05504c (81123124) 364893.56 3766532.50 0.07362c (81021424)
364968.56 3766532.50 0.08641c (81021424) 365043.56 3766532.50 0.08857c (81021424)
365118.56 3766532.50 0.09207c (81050224) 365193.56 3766532.50 0.11380c (81050224)
365268.56 3766532.50 0.09666c (81101124) 365343.56 3766532.50 0.07398c (81101124)
364568.56 3766057.50 0.02203c (81011224) 364668.56 3766057.50 0.02658c (81011224)
364768.56 3766057.50 0.02094c (81011224) 364868.56 3766057.50 0.02752 (81122224)
364968.56 3766057.50 0.04950 (81122224) 365068.56 3766057.50 0.04889 (81122224)
365168.56 3766057.50 0.04437 (81122224) 365268.56 3766057.50 0.03694c (81103024)
365368.56 3766057.50 0.02665c (81011224) 364568.56 3766157.50 0.02650c (81030624)
365368.56 3766157.50 0.03199c (81011224) 364568.56 3766257.50 0.03859c (81030224)
365368.56 3766257.50 0.04594c (81110224) 364568.56 3766357.50 0.06703c (81030124)
365368.56 3766357.50 0.06055 (81032624) 364568.56 3766457.50 0.04159c (81123124)
365368.56 3766457.50 0.06078c (81032224) 364568.56 3766557.50 0.02883c (81123124)
365368.56 3766557.50 0.06460c (81101124) 364568.56 3766657.50 0.01946c (81102124)
364668.56 3766657.50 0.02254c (81102124) 364768.56 3766657.50 0.02545c (81021424)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 27
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
364868.56 3766657.50 0.02938c (81021424) 364968.56 3766657.50 0.03986c (81021424)
365068.56 3766657.50 0.04241c (81021424) 365168.56 3766657.50 0.04342c (81050224)
365268.56 3766657.50 0.05087c (81050224) 365368.56 3766657.50 0.04095c (81102724)
364268.56 3765757.50 0.00938c (81011224) 364393.56 3765757.50 0.01124c (81011224)
364518.56 3765757.50 0.00809c (81011224) 364643.56 3765757.50 0.00520 (81020824)
364768.56 3765757.50 0.01045 (81020824) 364893.56 3765757.50 0.01029 (81020824)
365018.56 3765757.50 0.01820 (81122224) 365143.56 3765757.50 0.02419 (81122224)
365268.56 3765757.50 0.02120 (81122224) 365393.56 3765757.50 0.01798c (81103024)
365518.56 3765757.50 0.01355c (81103024) 365643.56 3765757.50 0.01121c (81011224)
365768.56 3765757.50 0.00887c (81011224) 364268.56 3765882.50 0.00995c (81030624)
364393.56 3765882.50 0.01242c (81011224) 364518.56 3765882.50 0.01510c (81011224)
364643.56 3765882.50 0.01015c (81011224) 364768.56 3765882.50 0.01299 (81020824)
364893.56 3765882.50 0.01399 (81020824) 365018.56 3765882.50 0.02793 (81122224)
365143.56 3765882.50 0.03145 (81122224) 365268.56 3765882.50 0.02520c (81103024)
365393.56 3765882.50 0.02003c (81103024) 365518.56 3765882.50 0.01542c (81011224)
365643.56 3765882.50 0.01165c (81011224) 365768.56 3765882.50 0.00974c (81101824)
364268.56 3766007.50 0.00894c (81030624) 364393.56 3766007.50 0.01456c (81030624)
364518.56 3766007.50 0.01809c (81011224) 364643.56 3766007.50 0.02157c (81011224)
364768.56 3766007.50 0.01682 (81020824) 364893.56 3766007.50 0.02547 (81122224)
365018.56 3766007.50 0.04275 (81122224) 365143.56 3766007.50 0.04080 (81122224)
365268.56 3766007.50 0.03274c (81103024) 365393.56 3766007.50 0.02285c (81011224)
365518.56 3766007.50 0.01680c (81011224) 365643.56 3766007.50 0.01320c (81110224)
365768.56 3766007.50 0.01102c (81030824) 364268.56 3766132.50 0.01092c (81030224)
364393.56 3766132.50 0.01336c (81101224) 364518.56 3766132.50 0.02093c (81030624)
365518.56 3766132.50 0.02041c (81110224) 365643.56 3766132.50 0.01610c (81030824)
365768.56 3766132.50 0.01174c (81030824) 364268.56 3766257.50 0.01427c (81112724)
364393.56 3766257.50 0.02041c (81030224) 364518.56 3766257.50 0.03231c (81030224)
365518.56 3766257.50 0.02448c (81071824) 365643.56 3766257.50 0.02010c (81071824)
365768.56 3766257.50 0.01661c (81071824) 364268.56 3766382.50 0.02545c (81030124)
364393.56 3766382.50 0.03630c (81030124) 364518.56 3766382.50 0.05490c (81030124)
365518.56 3766382.50 0.03914 (81032624) 365643.56 3766382.50 0.02736 (81032624)
365768.56 3766382.50 0.02046 (81032624) 364268.56 3766507.50 0.01883c (81030124)
364393.56 3766507.50 0.02444c (81123124) 364518.56 3766507.50 0.03135c (81123124)
365518.56 3766507.50 0.03210c (81032224) 365643.56 3766507.50 0.02142c (81012624)
365768.56 3766507.50 0.01628c (81121024) 364268.56 3766632.50 0.01399c (81123124)
364393.56 3766632.50 0.01510c (81123124) 364518.56 3766632.50 0.01865c (81030424)
365518.56 3766632.50 0.03363c (81101124) 365643.56 3766632.50 0.01945c (81051424)
365768.56 3766632.50 0.01402c (81032224) 364268.56 3766757.50 0.00975c (81012724)
364393.56 3766757.50 0.01129c (81102124) 364518.56 3766757.50 0.01375c (81102124)
364643.56 3766757.50 0.01468c (81102124) 364768.56 3766757.50 0.01762c (81021424)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 28
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
364893.56 3766757.50 0.02019c (81021424) 365018.56 3766757.50 0.02766c (81021424)
365143.56 3766757.50 0.02380c (81021424) 365268.56 3766757.50 0.03227c (81050224)
365393.56 3766757.50 0.03107c (81050224) 365518.56 3766757.50 0.02698c (81102724)
365643.56 3766757.50 0.02359c (81101124) 365768.56 3766757.50 0.01622c (81101124)
364268.56 3766882.50 0.00804c (81081124) 364393.56 3766882.50 0.00873c (81102124)
364518.56 3766882.50 0.00992c (81082524) 364643.56 3766882.50 0.01176c (81082524)
364768.56 3766882.50 0.01269c (81021424) 364893.56 3766882.50 0.01373c (81021424)
365018.56 3766882.50 0.01720c (81021424) 365143.56 3766882.50 0.01607c (81021424)
365268.56 3766882.50 0.01837c (81050224) 365393.56 3766882.50 0.02253c (81050224)
365518.56 3766882.50 0.01893c (81050224) 365643.56 3766882.50 0.01740c (81102724)
365768.56 3766882.50 0.01646c (81102724) 364268.56 3767007.50 0.00625c (81060524)
364393.56 3767007.50 0.00688c (81102124) 364518.56 3767007.50 0.00936c (81082524)
364643.56 3767007.50 0.00872c (81082524) 364768.56 3767007.50 0.01004c (81021424)
364893.56 3767007.50 0.01020c (81021424) 365018.56 3767007.50 0.01126c (81021424)
365143.56 3767007.50 0.01121c (81091824) 365268.56 3767007.50 0.01138c (81021424)
365393.56 3767007.50 0.01476c (81050224) 365518.56 3767007.50 0.01646c (81050224)
365643.56 3767007.50 0.01301c (81032924) 365768.56 3767007.50 0.01202c (81102724)
364787.78 3766259.50 0.19687c (81011224) 365206.84 3766357.75 0.32276c (81110224)
365180.28 3766456.25 0.45503c (81081024) 364769.34 3766358.25 0.35334c (81041924)
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365195.56	3766329.25	0.17607c	(81011124)	365046.69	3766293.00	0.17842c	(81121124)
364925.03	3766265.00	0.16864c	(81122324)	364810.06	3766234.50	0.09029	(81020824)
365230.94	3766352.75	0.15176c	(81103124)	365358.03	3766388.00	0.05589c	(81031324)
365384.34	3766356.75	0.04419c	(81121424)	365410.66	3766309.75	0.03125c	(81121424)
365214.22	3766258.25	0.07500	(81122224)	365061.88	3766221.00	0.07567c	(81121124)
364950.50	3766192.75	0.06614c	(81011124)	364851.97	3766170.25	0.04075c	(81112924)
364936.41	3766071.00	0.02456	(81020824)	365000.66	3766093.75	0.03122c	(81121124)
365093.69	3766117.00	0.03881c	(81011124)	365250.94	3766158.50	0.03747c	(81101324)
365455.34	3766211.75	0.02017c	(81101424)	364768.56	3766257.50	0.09971c	(81122024)
364788.56	3766257.50	0.13677c	(81112824)	364808.56	3766257.50	0.17239c	(81103124)
364828.56	3766257.50	0.19816c	(81122324)	364848.56	3766257.50	0.19295c	(81122324)
364868.56	3766257.50	0.18236c	(81122324)	364888.56	3766257.50	0.17030c	(81122324)
364908.56	3766257.50	0.15785c	(81122324)	364928.56	3766257.50	0.14591c	(81122324)
364948.56	3766257.50	0.13611c	(81121124)	364968.56	3766257.50	0.12928c	(81121124)
364988.56	3766257.50	0.12321c	(81121124)	365008.56	3766257.50	0.11781c	(81121124)
365028.56	3766257.50	0.11292c	(81121124)	365048.56	3766257.50	0.10864c	(81121124)
365068.56	3766257.50	0.10463c	(81121124)	365088.56	3766257.50	0.10103c	(81121124)
365108.56	3766257.50	0.09704c	(81011124)	365128.56	3766257.50	0.09189c	(81102924)
365148.56	3766257.50	0.08883c	(81102924)	365168.56	3766257.50	0.08569c	(81102924)
365188.56	3766257.50	0.08046c	(81011224)	365208.56	3766257.50	0.07606c	(81013124)
364768.56	3766277.50	0.14626c	(81011224)	364868.56	3766277.50	0.29563c	(81013124)
364888.56	3766277.50	0.27806c	(81013124)	364908.56	3766277.50	0.24734c	(81013124)
364928.56	3766277.50	0.22033c	(81013124)	364948.56	3766277.50	0.19808c	(81013124)
364968.56	3766277.50	0.18106c	(81121124)	364988.56	3766277.50	0.16795c	(81121124)
365008.56	3766277.50	0.15679c	(81121124)	365028.56	3766277.50	0.14739c	(81121124)
365048.56	3766277.50	0.13923c	(81121124)	365068.56	3766277.50	0.13209c	(81121124)
365088.56	3766277.50	0.12581c	(81121124)	365108.56	3766277.50	0.11894c	(81011124)
365128.56	3766277.50	0.11224c	(81011224)	365148.56	3766277.50	0.10671c	(81011124)
365168.56	3766277.50	0.10211c	(81011124)	365188.56	3766277.50	0.09444c	(81121124)
365208.56	3766277.50	0.08885c	(81110224)	364768.56	3766297.50	0.18075	(81030524)
364968.56	3766297.50	0.29915	(81122224)	364988.56	3766297.50	0.26851c	(81013124)
365008.56	3766297.50	0.23588c	(81013124)	365028.56	3766297.50	0.21171c	(81102924)
365048.56	3766297.50	0.19291c	(81102924)	365068.56	3766297.50	0.17775c	(81121124)
365088.56	3766297.50	0.16535c	(81121124)	365108.56	3766297.50	0.15484c	(81121124)
365128.56	3766297.50	0.14460c	(81102924)	365148.56	3766297.50	0.13261c	(81011124)
365168.56	3766297.50	0.12479c	(81011124)	365188.56	3766297.50	0.11605c	(81121124)
365208.56	3766297.50	0.10554c	(81102924)	364768.56	3766317.50	0.20637c	(81101224)
365048.56	3766317.50	0.31432c	(81013124)	365068.56	3766317.50	0.27911c	(81102924)
365088.56	3766317.50	0.24916c	(81102924)	365108.56	3766317.50	0.22404c	(81102924)
365128.56	3766317.50	0.20183c	(81011124)	365148.56	3766317.50	0.18424c	(81121124)

**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365168.56	3766317.50	0.16314c	(81011124)	365188.56	3766317.50	0.15127c	(81011124)
365208.56	3766317.50	0.13104c	(81102924)	364768.56	3766337.50	0.24526c	(81123124)
365128.56	3766337.50	0.32097c	(81102924)	365148.56	3766337.50	0.29184c	(81102924)
365168.56	3766337.50	0.25124c	(81110224)	365188.56	3766337.50	0.21590c	(81121124)
365208.56	3766337.50	0.17756c	(81101824)	364768.56	3766357.50	0.27539c	(81092924)
365208.56	3766357.50	0.27491c	(81103024)	364768.56	3766377.50	0.16674c	(81030124)
364788.56	3766377.50	0.20351c	(81112424)	364808.56	3766377.50	0.26502c	(81030324)
364828.56	3766377.50	0.31832	(81041524)	364848.56	3766377.50	0.38132c	(81123024)
365208.56	3766377.50	0.31355c	(81052224)	364768.56	3766397.50	0.10934c	(81030124)
364788.56	3766397.50	0.13117c	(81012724)	364808.56	3766397.50	0.15992c	(81040624)
364828.56	3766397.50	0.18958c	(81030324)	364848.56	3766397.50	0.21703	(81041524)
364868.56	3766397.50	0.24914	(81041524)	364888.56	3766397.50	0.29330c	(81082524)
364908.56	3766397.50	0.34325c	(81030324)	364928.56	3766397.50	0.40436c	(81092924)
365208.56	3766397.50	0.30605c	(81052224)	364768.56	3766417.50	0.08671c	(81102124)
364788.56	3766417.50	0.09783c	(81012724)	364808.56	3766417.50	0.11692c	(81040624)
364828.56	3766417.50	0.13457c	(81040624)	364848.56	3766417.50	0.14943	(81041524)
364868.56	3766417.50	0.16611c	(81030324)	364888.56	3766417.50	0.18462	(81041524)
364908.56	3766417.50	0.20272c	(81082524)	364928.56	3766417.50	0.22510	(81041524)
364948.56	3766417.50	0.25075	(81041524)	364968.56	3766417.50	0.28480c	(81011324)
364988.56	3766417.50	0.33612c	(81030324)	365008.56	3766417.50	0.40560c	(81050224)
365208.56	3766417.50	0.27896c	(81010624)	364768.56	3766437.50	0.07280c	(81102124)
364788.56	3766437.50	0.07813c	(81102124)	364808.56	3766437.50	0.09225c	(81040624)
364828.56	3766437.50	0.10485c	(81040624)	364848.56	3766437.50	0.11381c	(81030424)
364868.56	3766437.50	0.12427c	(81092924)	364888.56	3766437.50	0.13360c	(81092924)
364908.56	3766437.50	0.14395c	(81040624)	364928.56	3766437.50	0.15786c	(81082524)
364948.56	3766437.50	0.17215c	(81041924)	364968.56	3766437.50	0.18554c	(81041924)
364988.56	3766437.50	0.20104c	(81041924)	365008.56	3766437.50	0.22116	(81041524)
365028.56	3766437.50	0.24476c	(81032924)	365048.56	3766437.50	0.28025c	(81081024)
365068.56	3766437.50	0.32196c	(81011324)	365088.56	3766437.50	0.38345c	(81051924)
365188.56	3766437.50	0.41328c	(81081424)	365208.56	3766437.50	0.25676c	(81091524)
364768.56	3766457.50	0.06099c	(81021424)	364788.56	3766457.50	0.06680c	(81102124)
364808.56	3766457.50	0.07606c	(81040624)	364828.56	3766457.50	0.08515c	(81092924)
364848.56	3766457.50	0.09066	(81041524)	364868.56	3766457.50	0.09634c	(81092924)
364888.56	3766457.50	0.10306c	(81102124)	364908.56	3766457.50	0.11047c	(81030324)
364928.56	3766457.50	0.11923c	(81030324)	364948.56	3766457.50	0.12802c	(81102124)
364968.56	3766457.50	0.13671c	(81102124)	364988.56	3766457.50	0.14560c	(81102124)
365008.56	3766457.50	0.15615c	(81032924)	365028.56	3766457.50	0.16781	(81041524)
365048.56	3766457.50	0.17927c	(81030324)	365068.56	3766457.50	0.19265c	(81082724)
365088.56	3766457.50	0.21553c	(81032924)	365108.56	3766457.50	0.23670c	(81032924)
365128.56	3766457.50	0.26272c	(81051924)	365148.56	3766457.50	0.29330c	(81032924)

**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
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PM25Demo.POU.txt
INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365168.56	3766457.50	0.34382c	(81051424)	365188.56	3766457.50	0.33628c	(81101124)
365208.56	3766457.50	0.22888c	(81082624)	364743.56	3766232.50	0.05883	(81040324)
364768.56	3766232.50	0.06236c	(81112924)	364793.56	3766232.50	0.06864c	(81112924)
364818.56	3766232.50	0.08747c	(81103124)	364843.56	3766232.50	0.10172c	(81122324)
364868.56	3766232.50	0.10967c	(81122324)	364893.56	3766232.50	0.10991c	(81122324)
364918.56	3766232.50	0.10583c	(81122324)	364943.56	3766232.50	0.09964c	(81122324)
364968.56	3766232.50	0.09486c	(81121124)	364993.56	3766232.50	0.09144c	(81121124)
365018.56	3766232.50	0.08817c	(81121124)	365043.56	3766232.50	0.08520c	(81121124)
365068.56	3766232.50	0.08248c	(81121124)	365093.56	3766232.50	0.07994c	(81121124)
365118.56	3766232.50	0.07691c	(81011224)	365143.56	3766232.50	0.07355c	(81011224)
365168.56	3766232.50	0.07069c	(81011224)	365193.56	3766232.50	0.06721c	(81102924)
365218.56	3766232.50	0.06231c	(81013124)	365243.56	3766232.50	0.05668c	(81110224)
364743.56	3766257.50	0.07406	(81040324)	365218.56	3766257.50	0.07213c	(81110224)
365243.56	3766257.50	0.06692c	(81013124)	364743.56	3766282.50	0.10967c	(81030224)
365218.56	3766282.50	0.08947c	(81011224)	365243.56	3766282.50	0.07656c	(81011124)
364743.56	3766307.50	0.12885c	(81041924)	365218.56	3766307.50	0.11119c	(81011224)
365243.56	3766307.50	0.09018c	(81013124)	364743.56	3766332.50	0.14585c	(81061224)
365218.56	3766332.50	0.14763c	(81013124)	365243.56	3766332.50	0.10360c	(81101324)
364743.56	3766357.50	0.15382c	(81061224)	365218.56	3766357.50	0.20442c	(81010624)
365243.56	3766357.50	0.13205c	(81071824)	364743.56	3766382.50	0.12614c	(81030424)
365218.56	3766382.50	0.24346c	(81031324)	365243.56	3766382.50	0.14759c	(81030724)
364743.56	3766407.50	0.08617c	(81030124)	365218.56	3766407.50	0.23781c	(81010624)
365243.56	3766407.50	0.15601c	(81031324)	364743.56	3766432.50	0.07010c	(81102124)
365218.56	3766432.50	0.21763c	(81091524)	365243.56	3766432.50	0.15275c	(81121024)
364743.56	3766457.50	0.05706c	(81012724)	365218.56	3766457.50	0.19865c	(81082624)
365243.56	3766457.50	0.14593c	(81081424)	364743.56	3766482.50	0.04607c	(81012724)
364768.56	3766482.50	0.05331c	(81021424)	364793.56	3766482.50	0.05759c	(81102124)
364818.56	3766482.50	0.06529c	(81040624)	364843.56	3766482.50	0.07032c	(81030324)
364868.56	3766482.50	0.07582c	(81102124)	364893.56	3766482.50	0.08006c	(81030324)
364918.56	3766482.50	0.08596c	(81030324)	364943.56	3766482.50	0.09438c	(81082524)
364968.56	3766482.50	0.10017c	(81030324)	364993.56	3766482.50	0.10735c	(81030324)
365018.56	3766482.50	0.11367c	(81123124)	365043.56	3766482.50	0.12011c	(81030324)
365068.56	3766482.50	0.12914c	(81082724)	365093.56	3766482.50	0.13905c	(81081024)
365118.56	3766482.50	0.15484c	(81081024)	365143.56	3766482.50	0.16331c	(81051924)
365168.56	3766482.50	0.16544c	(81091524)	365193.56	3766482.50	0.17592c	(81080824)
365218.56	3766482.50	0.16829c	(81102724)	365243.56	3766482.50	0.13514c	(81082624)
364718.56	3766207.50	0.04006c	(81101224)	364768.56	3766207.50	0.04136c	(81112924)
364818.56	3766207.50	0.05993	(81040324)	364868.56	3766207.50	0.06857c	(81122324)
364918.56	3766207.50	0.07770c	(81011124)	364968.56	3766207.50	0.07515c	(81102924)
365018.56	3766207.50	0.07175c	(81121124)	365068.56	3766207.50	0.06812c	(81121124)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365118.56	3766207.50	0.06452c	(81011224)	365168.56	3766207.50	0.06017c	(81121124)
365218.56	3766207.50	0.05301c	(81013124)	365268.56	3766207.50	0.04569c	(81110224)
364718.56	3766257.50	0.05993c	(81112924)	365268.56	3766257.50	0.05790c	(81013124)
364718.56	3766307.50	0.09207c	(81101224)	365268.56	3766307.50	0.06891c	(81013124)
364718.56	3766357.50	0.10760c	(81123124)	365268.56	3766357.50	0.09783c	(81112224)
364718.56	3766407.50	0.07831c	(81112724)	365268.56	3766407.50	0.11504c	(81012624)
364718.56	3766457.50	0.05100c	(81092924)	365268.56	3766457.50	0.11071c	(81032224)
364718.56	3766507.50	0.03675c	(81041924)	364768.56	3766507.50	0.04545c	(81092924)
364818.56	3766507.50	0.05353c	(81102124)	364868.56	3766507.50	0.06207c	(81030324)
364918.56	3766507.50	0.06805c	(81030324)	364968.56	3766507.50	0.07647c	(81030324)
365018.56	3766507.50	0.08292c	(81011724)	365068.56	3766507.50	0.09419c	(81082724)
365118.56	3766507.50	0.10745c	(81081024)	365168.56	3766507.50	0.10977c	(81102724)
365218.56	3766507.50	0.12056c	(81101124)	365268.56	3766507.50	0.09712c	(81082624)
364668.56	3766157.50	0.02258c	(81101224)	364743.56	3766157.50	0.02280c	(81112824)
364818.56	3766157.50	0.02986c	(81122324)	364893.56	3766157.50	0.04155c	(81101524)
364968.56	3766157.50	0.04870c	(81121124)	365043.56	3766157.50	0.04897c	(81011124)
365118.56	3766157.50	0.04848c	(81011124)	365193.56	3766157.50	0.04473c	(81102924)
365268.56	3766157.50	0.03539c	(81100524)	365343.56	3766157.50	0.02980c	(81110224)
364668.56	3766232.50	0.03491c	(81042824)	365268.56	3766232.50	0.05144c	(81013124)
365343.56	3766232.50	0.03389c	(81101324)	364668.56	3766307.50	0.05921	(81030524)
365268.56	3766307.50	0.06891c	(81013124)	365343.56	3766307.50	0.04240c	(81120124)
364668.56	3766382.50	0.06125c	(81061224)	365268.56	3766382.50	0.11081c	(81112524)
365343.56	3766382.50	0.06009c	(81031324)	364668.56	3766457.50	0.04039c	(81112724)
365268.56	3766457.50	0.11071c	(81032224)	365343.56	3766457.50	0.06022c	(81030724)
364668.56	3766532.50	0.02774c	(81092924)	364743.56	3766532.50	0.03418c	(81011324)
364818.56	3766532.50	0.04381	(81041524)	364893.56	3766532.50	0.05414c	(81123124)
364968.56	3766532.50	0.06016c	(81030324)	365043.56	3766532.50	0.06697c	(81091824)
365118.56	3766532.50	0.08043c	(81081024)	365193.56	3766532.50	0.08626c	(81081424)
365268.56	3766532.50	0.08633c	(81082724)	365343.56	3766532.50	0.05965c	(81091524)
364568.56	3766057.50	0.01030c	(81101224)	364668.56	3766057.50	0.01087c	(81122324)
364768.56	3766057.50	0.01165c	(81031024)	364868.56	3766057.50	0.01912c	(81101524)
364968.56	3766057.50	0.02339c	(81121124)	365068.56	3766057.50	0.02927c	(81101524)
365168.56	3766057.50	0.03013c	(81011124)	365268.56	3766057.50	0.02517c	(81013124)
365368.56	3766057.50	0.02165c	(81101824)	364568.56	3766157.50	0.01680c	(81012024)
365368.56	3766157.50	0.02644c	(81110124)	364568.56	3766257.50	0.02783	(81032724)
365368.56	3766257.50	0.03111c	(81120124)	364568.56	3766357.50	0.03479c	(81100124)
365368.56	3766357.50	0.04817c	(81110724)	364568.56	3766457.50	0.02833c	(81122824)
365368.56	3766457.50	0.05326c	(81070124)	364568.56	3766557.50	0.01959c	(81022324)
365368.56	3766557.50	0.04989c	(81051424)	364568.56	3766657.50	0.01509c	(81040624)
364668.56	3766657.50	0.01687c	(81060524)	364768.56	3766657.50	0.02015	(81041524)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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                                PM25Demo.POU.txt
                                ** CONC OF PM2.5      IN MICROGRAMS/M**3      **
X-COORD (M)  Y-COORD (M)  CONC      (YYMMDDHH)      X-COORD (M)  Y-COORD (M)  CONC      (YYMMDDHH)
-----
364868.56    3766657.50    0.02403c (81123124)    364968.56    3766657.50    0.02526c (81040624)
365068.56    3766657.50    0.02862c (81020324)    365168.56    3766657.50    0.03245c (81041124)
365268.56    3766657.50    0.03624c (81082524)    365368.56    3766657.50    0.03332c (81100224)
364268.56    3765757.50    0.00347c (81110124)    364393.56    3765757.50    0.00389c (81010824)
364518.56    3765757.50    0.00375c (81102824)    364643.56    3765757.50    0.00339c (81020624)
364768.56    3765757.50    0.00413c (81022024)    364893.56    3765757.50    0.00731c (81103124)
365018.56    3765757.50    0.00997c (81102924)    365143.56    3765757.50    0.01071c (81101524)
365268.56    3765757.50    0.00975c (81101624)    365393.56    3765757.50    0.01070c (81101624)
365518.56    3765757.50    0.00935c (81010624)    365643.56    3765757.50    0.00872c (81103024)
365768.56    3765757.50    0.00711c (81101324)    364268.56    3765882.50    0.00536c (81112924)
364393.56    3765882.50    0.00484c (81020924)    364518.56    3765882.50    0.00567c (81021024)
364643.56    3765882.50    0.00469c (81102824)    364768.56    3765882.50    0.00546c (81031524)
364893.56    3765882.50    0.01033c (81101524)    365018.56    3765882.50    0.01317c (81012424)
365143.56    3765882.50    0.01440c (81121124)    365268.56    3765882.50    0.01376c (81011224)
365393.56    3765882.50    0.01288c (81103124)    365518.56    3765882.50    0.01172c (81101124)
365643.56    3765882.50    0.00973c (81042024)    365768.56    3765882.50    0.00768c (81042024)
364268.56    3766007.50    0.00564c (81012024)    364393.56    3766007.50    0.00761c (81122024)
364518.56    3766007.50    0.00786c (81070424)    364643.56    3766007.50    0.00842c (81122324)
364768.56    3766007.50    0.00945c (81022024)    364893.56    3766007.50    0.01670c (81103124)
365018.56    3766007.50    0.02020c (81121124)    365143.56    3766007.50    0.02316c (81011124)
365268.56    3766007.50    0.02105c (81103124)    365393.56    3766007.50    0.01831c (81101824)
365518.56    3766007.50    0.01370c (81013124)    365643.56    3766007.50    0.01063c (81101324)
365768.56    3766007.50    0.00829c (81080324)    364268.56    3766132.50    0.00859c (81112524)
364393.56    3766132.50    0.00954c (81030224)    364518.56    3766132.50    0.01325c (81012024)
365518.56    3766132.50    0.01528c (81080324)    365643.56    3766132.50    0.01081c (81120124)
365768.56    3766132.50    0.00889c (81110724)    364268.56    3766257.50    0.01185c (81121724)
364393.56    3766257.50    0.01569c (81042924)    364518.56    3766257.50    0.02304c (81032724)
365518.56    3766257.50    0.01916c (81030824)    365643.56    3766257.50    0.01336c (81121424)
365768.56    3766257.50    0.01050c (81110924)    364268.56    3766382.50    0.01180c (81041924)
364393.56    3766382.50    0.01854c (81041924)    364518.56    3766382.50    0.02915c (81022824)
365518.56    3766382.50    0.02611c (81121424)    365643.56    3766382.50    0.01781c (81122524)
365768.56    3766382.50    0.01329c (81112224)    364268.56    3766507.50    0.01165c (81022424)
364393.56    3766507.50    0.01602c (81012724)    364518.56    3766507.50    0.02034c (81092924)
365518.56    3766507.50    0.02655c (81121924)    365643.56    3766507.50    0.01968c (81010624)
365768.56    3766507.50    0.01452c (81010624)    364268.56    3766632.50    0.00907c (81112724)
364393.56    3766632.50    0.01169c (81022324)    364518.56    3766632.50    0.01493c (81092924)
365518.56    3766632.50    0.02526c (81051424)    365643.56    3766632.50    0.01724c (81082624)
365768.56    3766632.50    0.01256c (81051424)    364268.56    3766757.50    0.00807c (81083124)
364393.56    3766757.50    0.00932c (81012724)    364518.56    3766757.50    0.01122c (81040624)
364643.56    3766757.50    0.01120c (81041324)    364768.56    3766757.50    0.01436c (81041524)
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**MODELOPTS: CONC      URBAN  FLAT      DEFAULT
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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                                ** CONC OF PM2.5      IN MICROGRAMS/M**3      **
X-COORD (M)  Y-COORD (M)  CONC      (YYMMDDHH)      X-COORD (M)  Y-COORD (M)  CONC      (YYMMDDHH)
-----
364893.56    3766757.50    0.01573c (81012524)    365018.56    3766757.50    0.01744c (81012224)
365143.56    3766757.50    0.02013c (81083024)    365268.56    3766757.50    0.02117c (81081624)
365393.56    3766757.50    0.02344c (81041424)    365518.56    3766757.50    0.01995c (81073124)
365643.56    3766757.50    0.01660c (81032624)    365768.56    3766757.50    0.01244c (81082624)
364268.56    3766882.50    0.00637c (81011324)    364393.56    3766882.50    0.00715c (81011324)
364518.56    3766882.50    0.00718c (81112424)    364643.56    3766882.50    0.00806c (81021424)
364768.56    3766882.50    0.00981c (81031524)    364893.56    3766882.50    0.01068c (81121024)
365018.56    3766882.50    0.01208c (81041524)    365143.56    3766882.50    0.01290c (81110824)
365268.56    3766882.50    0.01327c (81082524)    365393.56    3766882.50    0.01541c (81082524)
365518.56    3766882.50    0.01444c (81041424)    365643.56    3766882.50    0.01301c (81073124)
365768.56    3766882.50    0.01185c (81073124)    364268.56    3767007.50    0.00537c (81112424)
364393.56    3767007.50    0.00527c (81112424)    364518.56    3767007.50    0.00505c (81011324)
364643.56    3767007.50    0.00591c (81041524)    364768.56    3767007.50    0.00709c (81112424)
364893.56    3767007.50    0.00833c (81121724)    365018.56    3767007.50    0.00886c (81102224)
365143.56    3767007.50    0.00954c (81020324)    365268.56    3767007.50    0.00910c (81101924)
365393.56    3767007.50    0.00958c (81041124)    365518.56    3767007.50    0.01102c (81081024)
365643.56    3767007.50    0.00983c (81070624)    365768.56    3767007.50    0.00916c (81073124)
364787.78    3766259.50    0.14507c (81012024)    365206.84    3766357.75    0.29492c (81010624)
365180.28    3766456.25    0.39773c (81082724)    364769.34    3766358.25    0.28982c (81092924)
1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc      ***

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**MODELOPTS: CONC      URBAN  FLAT      DEFAULT
*** THE SUMMARY OF MAXIMUM PERIOD ( 8760 HRS) RESULTS ***

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                                ** CONC OF PM2.5      IN MICROGRAMS/M**3      **
GROUP ID      AVERAGE CONC      RECEPTOR (XR, YR, ZELEV, ZFLAG)      OF TYPE      NETWORK GRID-ID
-----
ALL      1ST HIGHEST VALUE IS      0.27331 AT ( 364928.56, 3766397.50, 0.00, 0.00)      DC      NA
        2ND HIGHEST VALUE IS      0.26882 AT ( 365008.56, 3766417.50, 0.00, 0.00)      DC      NA
        3RD HIGHEST VALUE IS      0.25413 AT ( 364848.56, 3766377.50, 0.00, 0.00)      DC      NA
        4TH HIGHEST VALUE IS      0.25315 AT ( 365188.56, 3766437.50, 0.00, 0.00)      DC      NA
        5TH HIGHEST VALUE IS      0.25185 AT ( 365088.56, 3766437.50, 0.00, 0.00)      DC      NA
        6TH HIGHEST VALUE IS      0.21663 AT ( 365180.28, 3766456.25, 0.00, 0.00)      DC      NA
*** RECEPTOR TYPES: GC = GRIDCART
                        GP = GRIDPOLR
                        DC = DISCCART
                        DP = DISCPOLR
                        BD = BOUNDARY
1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc      ***

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**MODELOPTS: CONC      URBAN  FLAT      DEFAULT
*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***
                                ** CONC OF PM2.5      IN MICROGRAMS/M**3      **
GROUP ID      AVERAGE CONC      DATE (YYMMDDHH)      RECEPTOR (XR, YR, ZELEV, ZFLAG)      OF TYPE      NETWORK GRID-ID
-----

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ALL HIGH 1ST HIGH VALUE IS 0.47770c ON 81041924: AT (364848.56, 3766377.50, 0.00, 0.00) DC NA
HIGH 6TH HIGH VALUE IS 0.41328c ON 81081424: AT (365188.56, 3766437.50, 0.00, 0.00) DC NA

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

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

**MODELOPTS: CONC URBAN FLAT DFAULT

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*** Message Summary : ISC3P Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 1 Warning Message(s)
A Total of 1673 Informational Message(s)
A Total of 1673 Calm Hours Identified

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

***** WARNING MESSAGES *****
SO W320 162 APARM :Source Parameter May Be Out-of-Range for Parameter ANGLE

*** ISC3P Finishes Successfully ***

Maintenance Facility

Grading

CO

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**
*****
**
** ISC-PRIME Input Produced by:
** AERMOD View Ver. 6.0.0
** Lakes Environmental Software Inc.
** Date: 8/31/2009
** File: C:\AERMOD Projects\EXPO\Expo LST\ISC3 runs\Grading\CO\Cograd.PIN
**
*****
**
**
*****
** ISC-PRIME Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc
  MODELOPT DFAULT CONC URBAN
  AVERTIME 1 8 ANNUAL
  POLLUTID CO
  TERRHGT5 FLAT
  RUNORNOT RUN
CO FINISHED
**
*****
** ISC-PRIME Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE1
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.46E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364785.07, 3766272.26, 0.00, 5.00, 0.0
** 365204.52, 3766371.86, 0.00, 5.00, 17.38
** -----
** LOCATION L0009153 VOLUME 364794.793 3766274.558
** LOCATION L0009154 VOLUME 364831.157 3766283.184
** LOCATION L0009155 VOLUME 364867.521 3766291.810
** LOCATION L0009156 VOLUME 364903.886 3766300.435
** LOCATION L0009157 VOLUME 364940.250 3766309.061
** LOCATION L0009158 VOLUME 364976.615 3766317.687
** LOCATION L0009159 VOLUME 365012.979 3766326.313
** LOCATION L0009160 VOLUME 365049.344 3766334.939
** LOCATION L0009161 VOLUME 365085.708 3766343.565
** LOCATION L0009162 VOLUME 365122.072 3766352.190
** LOCATION L0009163 VOLUME 365158.437 3766360.816
** LOCATION L0009164 VOLUME 365194.801 3766369.442
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE2
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.46E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364781.36, 3766292.87, 0.00, 5.00, 0.0
** 365201.75, 3766392.48, 0.00, 5.00, 17.42
** -----
** LOCATION L0009165 VOLUME 364791.105 3766295.059
** LOCATION L0009166 VOLUME 364827.552 3766303.707
** LOCATION L0009167 VOLUME 364863.999 3766312.356
** LOCATION L0009168 VOLUME 364900.445 3766321.004
** LOCATION L0009169 VOLUME 364936.892 3766329.652
** LOCATION L0009170 VOLUME 364973.339 3766338.301
** LOCATION L0009171 VOLUME 365009.786 3766346.949
** LOCATION L0009172 VOLUME 365046.233 3766355.598
** LOCATION L0009173 VOLUME 365082.680 3766364.246
** LOCATION L0009174 VOLUME 365119.126 3766372.894
** LOCATION L0009175 VOLUME 365155.573 3766381.543
** LOCATION L0009176 VOLUME 365192.020 3766390.191
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE3
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.46E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364778.52, 3766312.48, 0.00, 5.00, 0.0
** 365197.51, 3766411.14, 0.00, 5.00, 17.36
** -----
** LOCATION L0009177 VOLUME 364788.265 3766314.794
** LOCATION L0009178 VOLUME 364824.583 3766323.354
** LOCATION L0009179 VOLUME 364860.901 3766331.914
** LOCATION L0009180 VOLUME 364897.220 3766340.475
** LOCATION L0009181 VOLUME 364933.538 3766349.035
** LOCATION L0009182 VOLUME 364969.856 3766357.595
** LOCATION L0009183 VOLUME 365006.175 3766366.155
** LOCATION L0009184 VOLUME 365042.493 3766374.715
** LOCATION L0009185 VOLUME 365078.812 3766383.275
** LOCATION L0009186 VOLUME 365115.130 3766391.836
** LOCATION L0009187 VOLUME 365151.448 3766400.396
** LOCATION L0009188 VOLUME 365187.767 3766408.956
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE4
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.46E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2

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** 364774.31, 3766331.61, 0.00, 5.00, 0.0
** 365193.30, 3766430.75, 0.00, 5.00, 17.36
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LOCATION L0009189 VOLUME 364784.043 3766333.805
LOCATION L0009190 VOLUME 364820.362 3766342.409
LOCATION L0009191 VOLUME 364856.681 3766351.012
LOCATION L0009192 VOLUME 364893.000 3766359.616
LOCATION L0009193 VOLUME 364929.319 3766368.220
LOCATION L0009194 VOLUME 364965.637 3766376.823
LOCATION L0009195 VOLUME 365001.956 3766385.427
LOCATION L0009196 VOLUME 365038.275 3766394.030
LOCATION L0009197 VOLUME 365074.594 3766402.634
LOCATION L0009198 VOLUME 365110.913 3766411.238
LOCATION L0009199 VOLUME 365147.232 3766419.841
LOCATION L0009200 VOLUME 365183.551 3766428.445
** End of Line Source
** Line Source represented by Separated Volume Sources
**
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LINE Source ID = SLINES
DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.46E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364771.54, 3766348.80, 0.00, 5.00, 0.0
** 365190.53, 3766448.40, 0.00, 5.00, 17.37
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LOCATION L0009201 VOLUME 364781.259 3766351.066
LOCATION L0009202 VOLUME 364817.582 3766359.713
LOCATION L0009203 VOLUME 364853.904 3766368.360
LOCATION L0009204 VOLUME 364890.226 3766377.007
LOCATION L0009205 VOLUME 364926.548 3766385.654
LOCATION L0009206 VOLUME 364962.870 3766394.301
LOCATION L0009207 VOLUME 364999.192 3766402.949
LOCATION L0009208 VOLUME 365035.514 3766411.596
LOCATION L0009209 VOLUME 365071.837 3766420.243
LOCATION L0009210 VOLUME 365108.159 3766428.890
LOCATION L0009211 VOLUME 365144.481 3766437.537
LOCATION L0009212 VOLUME 365180.803 3766446.184
** End of Line Source
** Source Parameters **
SRCPARAM L0009153 1.2167E-08 5.00 17.38 2.33
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SRCPARAM L0009211 1.2167E-08 5.00 17.37 2.33
SRCPARAM L0009212 1.2167E-08 5.00 17.37 2.33
SRCGROUP ALL
SO FINISHED
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** ISC-PRIME Receptor Pathway
*****
**
**
RE STARTING
** DESCRREC "Res" "Residential"
DISCCART 365195.56 3766329.20
DISCCART 365046.70 3766293.15
DISCCART 364925.03 3766265.02
DISCCART 364810.05 3766234.54
DISCCART 365230.92 3766352.80
DISCCART 365358.03 3766388.07

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DISCCART 365410.66 3766309.74
DISCCART 365214.23 3766258.34
DISCCART 365061.86 3766221.01
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DISCCART 364851.97 3766170.22
DISCCART 364936.41 3766071.09
DISCCART 365000.67 3766093.73
DISCCART 365093.68 3766116.99
DISCCART 365250.94 3766158.60
DISCCART 365455.33 3766211.83
** BEGIN OF NESTED GRID RECEPTORS

** Nested Grid ID = NSTD2
** Grid Count = 5
** Receptor Count = 417
** X Origin of Bounding Box = 364768.57
** Y Origin of Bounding Box = 3766257.55
** X Size of Bounding Box = 440.00
** Y Size of Bounding Box = 200.00
** Grid #1: Distance from Bounding Box = 25.00 Spacing = 25.00
** Grid #2: Distance from Bounding Box = 50.00 Spacing = 50.00
** Grid #3: Distance from Bounding Box = 100.00 Spacing = 75.00
** Grid #4: Distance from Bounding Box = 200.00 Spacing = 100.00
** Grid #5: Distance from Bounding Box = 500.00 Spacing = 125.00
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DISCCART 365393.57 3767007.55
DISCCART 365518.57 3767007.55
DISCCART 365643.57 3767007.55
DISCCART 365768.57 3767007.55
** -----
** END OF NESTED GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name SITE
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART 364787.78 3766259.45
DISCCART 365206.82 3766357.85
DISCCART 365180.28 3766456.25
DISCCART 364769.34 3766358.20
RE FINISHED
**
*****
** ISC-PRIME Meteorology Pathway
*****
**
**
ME STARTING
INPUTFIL C:\AERMOD~1\METDAT~1\WESTLA.ASC
ANEMHGH 97 METERS
SURFDATA 52158 1981
UAIRDATA 91919 1981
ME FINISHED
**
*****
** ISC-PRIME Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST

```


RECTABLE 1 1ST
 RECTABLE 8 1ST
 ** Auto-Generated Plotfiles
 PLOTFILE 1 ALL 1ST COGRAD.PR\01HIGALL.PLT
 PLOTFILE 8 ALL 1ST COGRAD.PR\08HIGALL.PLT
 PLOTFILE ANNUAL ALL COGRAD.PR\AN00GALL.PLT
 OU FINISHED

 *** SETUP Finishes Successfully ***

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

PAGE 1

**MODELOPTS: CONC URBAN FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --
 **Model Uses NO DRY DEPLETION. DDPLETE = F
 **Model Uses NO WET DEPLETION. WDPLETE = F
 **NO WET SCAVENGING Data Provided.
 **Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
 1. Final Plume Rise.
 2. Stack-tip Downwash.
 3. Buoyancy-induced Dispersion.
 4. Use Calms Processing Routine.
 5. Not Use Missing Data Processing Routine.
 6. Default wind Profile Exponents.
 7. Default Vertical Potential Temperature Gradients.
 8. "Upper Bound" values for Supersquat Buildings.
 9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 60 Source(s); 1 Source Group(s); and 438 Receptor(s)

**The Model Assumes A Pollutant Type of: CO

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

**Output Options Selected:
 Model Outputs Tables of ANNUAL Averages by Receptor
 Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
 Model Outputs External File(s) of High values for Plotting (PLOTFILE Keyword)

**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: Anem. Hgt. (m) = 97.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

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**MODELOPTS: CONC URBAN FLAT DFAULT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0009153	0	0.12167E-07	364794.8	3766274.5	0.0	5.00	17.38	2.33	
L0009154	0	0.12167E-07	364831.2	3766283.0	0.0	5.00	17.38	2.33	
L0009155	0	0.12167E-07	364867.5	3766291.8	0.0	5.00	17.38	2.33	
L0009156	0	0.12167E-07	364903.9	3766300.5	0.0	5.00	17.38	2.33	
L0009157	0	0.12167E-07	364940.2	3766309.0	0.0	5.00	17.38	2.33	
L0009158	0	0.12167E-07	364976.6	3766317.5	0.0	5.00	17.38	2.33	
L0009159	0	0.12167E-07	365013.0	3766326.2	0.0	5.00	17.38	2.33	
L0009160	0	0.12167E-07	365049.3	3766335.0	0.0	5.00	17.38	2.33	
L0009161	0	0.12167E-07	365085.7	3766343.5	0.0	5.00	17.38	2.33	
L0009162	0	0.12167E-07	365122.1	3766352.0	0.0	5.00	17.38	2.33	
L0009163	0	0.12167E-07	365158.4	3766360.8	0.0	5.00	17.38	2.33	
L0009164	0	0.12167E-07	365194.8	3766369.5	0.0	5.00	17.38	2.33	
L0009165	0	0.12167E-07	364791.1	3766295.0	0.0	5.00	17.42	2.33	
L0009166	0	0.12167E-07	364827.6	3766303.8	0.0	5.00	17.42	2.33	
L0009167	0	0.12167E-07	364864.0	3766312.2	0.0	5.00	17.42	2.33	
L0009168	0	0.12167E-07	364900.4	3766321.0	0.0	5.00	17.42	2.33	
L0009169	0	0.12167E-07	364936.9	3766329.5	0.0	5.00	17.42	2.33	
L0009170	0	0.12167E-07	364973.3	3766338.2	0.0	5.00	17.42	2.33	
L0009171	0	0.12167E-07	365009.8	3766347.0	0.0	5.00	17.42	2.33	
L0009172	0	0.12167E-07	365046.2	3766355.5	0.0	5.00	17.42	2.33	
L0009173	0	0.12167E-07	365082.7	3766364.2	0.0	5.00	17.42	2.33	
L0009174	0	0.12167E-07	365119.1	3766372.8	0.0	5.00	17.42	2.33	
L0009175	0	0.12167E-07	365155.6	3766381.5	0.0	5.00	17.42	2.33	
L0009176	0	0.12167E-07	365192.0	3766390.0	0.0	5.00	17.42	2.33	
L0009177	0	0.12167E-07	364788.2	3766314.8	0.0	5.00	17.36	2.33	
L0009178	0	0.12167E-07	364824.6	3766323.2	0.0	5.00	17.36	2.33	
L0009179	0	0.12167E-07	364860.9	3766332.0	0.0	5.00	17.36	2.33	
L0009180	0	0.12167E-07	364897.2	3766340.5	0.0	5.00	17.36	2.33	
L0009181	0	0.12167E-07	364933.5	3766349.0	0.0	5.00	17.36	2.33	
L0009182	0	0.12167E-07	364969.9	3766357.5	0.0	5.00	17.36	2.33	
L0009183	0	0.12167E-07	365006.2	3766366.0	0.0	5.00	17.36	2.33	
L0009184	0	0.12167E-07	365042.5	3766374.8	0.0	5.00	17.36	2.33	
L0009185	0	0.12167E-07	365078.8	3766383.2	0.0	5.00	17.36	2.33	
L0009186	0	0.12167E-07	365115.1	3766391.8	0.0	5.00	17.36	2.33	
L0009187	0	0.12167E-07	365151.4	3766400.2	0.0	5.00	17.36	2.33	

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L0009188 0 0.12167E-07 365187.8 3766409.0 0.0 5.00 17.36 2.33
L0009189 0 0.12167E-07 364784.0 3766333.8 0.0 5.00 17.36 2.33
L0009190 0 0.12167E-07 364820.4 3766342.5 0.0 5.00 17.36 2.33
L0009191 0 0.12167E-07 364856.7 3766351.0 0.0 5.00 17.36 2.33
L0009192 0 0.12167E-07 364893.0 3766359.5 0.0 5.00 17.36 2.33
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 3

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0009193	0	0.12167E-07	364929.3	3766368.2	0.0	5.00	17.36	2.33	
L0009194	0	0.12167E-07	364965.6	3766376.8	0.0	5.00	17.36	2.33	
L0009195	0	0.12167E-07	365002.0	3766385.5	0.0	5.00	17.36	2.33	
L0009196	0	0.12167E-07	365038.2	3766394.0	0.0	5.00	17.36	2.33	
L0009197	0	0.12167E-07	365074.6	3766402.5	0.0	5.00	17.36	2.33	
L0009198	0	0.12167E-07	365110.9	3766411.2	0.0	5.00	17.36	2.33	
L0009199	0	0.12167E-07	365147.2	3766419.8	0.0	5.00	17.36	2.33	
L0009200	0	0.12167E-07	365183.6	3766428.5	0.0	5.00	17.36	2.33	
L0009201	0	0.12167E-07	364781.2	3766351.0	0.0	5.00	17.37	2.33	
L0009202	0	0.12167E-07	364817.6	3766359.8	0.0	5.00	17.37	2.33	
L0009203	0	0.12167E-07	364853.9	3766368.2	0.0	5.00	17.37	2.33	
L0009204	0	0.12167E-07	364890.2	3766377.0	0.0	5.00	17.37	2.33	
L0009205	0	0.12167E-07	364926.5	3766385.5	0.0	5.00	17.37	2.33	
L0009206	0	0.12167E-07	364962.9	3766394.2	0.0	5.00	17.37	2.33	
L0009207	0	0.12167E-07	364999.2	3766403.0	0.0	5.00	17.37	2.33	
L0009208	0	0.12167E-07	365035.5	3766411.5	0.0	5.00	17.37	2.33	
L0009209	0	0.12167E-07	365071.8	3766420.2	0.0	5.00	17.37	2.33	
L0009210	0	0.12167E-07	365108.2	3766428.8	0.0	5.00	17.37	2.33	
L0009211	0	0.12167E-07	365144.5	3766437.5	0.0	5.00	17.37	2.33	
L0009212	0	0.12167E-07	365180.8	3766446.0	0.0	5.00	17.37	2.33	
1 *** ISC3P - VERSION 04269 ***									*** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 4

*** SOURCE IDS DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDS

ALL L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159, L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171, L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, L0009183, L0009184, L0009185, L0009186, L0009187, L0009188, L0009189, L0009190, L0009191, L0009192, L0009193, L0009194, L0009195, L0009196, L0009197, L0009198, L0009199, L0009200, L0009201, L0009202, L0009203, L0009204, L0009205, L0009206, L0009207, L0009208, L0009209, L0009210, L0009211, L0009212,

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 5

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

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1 *** ISC3P - VERSION 04269 ***	*** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***


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                                Cograd.POU.txt
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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

PAGE 9

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

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( 365768.6, 3766507.5, 0.0, 0.0); ( 364268.6, 3766632.5, 0.0, 0.0);
( 364393.6, 3766632.5, 0.0, 0.0); ( 364518.6, 3766632.5, 0.0, 0.0);
( 365518.6, 3766632.5, 0.0, 0.0); ( 365643.6, 3766632.5, 0.0, 0.0);
( 365768.6, 3766632.5, 0.0, 0.0); ( 364268.6, 3766757.5, 0.0, 0.0);
( 364393.6, 3766757.5, 0.0, 0.0); ( 364518.6, 3766757.5, 0.0, 0.0);
( 364643.6, 3766757.5, 0.0, 0.0); ( 364768.6, 3766757.5, 0.0, 0.0);
( 364893.6, 3766757.5, 0.0, 0.0); ( 365018.6, 3766757.5, 0.0, 0.0);
( 365143.6, 3766757.5, 0.0, 0.0); ( 365268.6, 3766757.5, 0.0, 0.0);
( 365393.6, 3766757.5, 0.0, 0.0); ( 365518.6, 3766757.5, 0.0, 0.0);
( 365643.6, 3766757.5, 0.0, 0.0); ( 365768.6, 3766757.5, 0.0, 0.0);
( 364268.6, 3766882.5, 0.0, 0.0); ( 364393.6, 3766882.5, 0.0, 0.0);
( 364518.6, 3766882.5, 0.0, 0.0); ( 364643.6, 3766882.5, 0.0, 0.0);
( 364768.6, 3766882.5, 0.0, 0.0); ( 364893.6, 3766882.5, 0.0, 0.0);
( 365018.6, 3766882.5, 0.0, 0.0); ( 365143.6, 3766882.5, 0.0, 0.0);
( 365268.6, 3766882.5, 0.0, 0.0); ( 365393.6, 3766882.5, 0.0, 0.0);
( 365518.6, 3766882.5, 0.0, 0.0); ( 365643.6, 3766882.5, 0.0, 0.0);
( 365768.6, 3766882.5, 0.0, 0.0); ( 364268.6, 3767007.5, 0.0, 0.0);
( 364393.6, 3767007.5, 0.0, 0.0); ( 364518.6, 3767007.5, 0.0, 0.0);
( 364643.6, 3767007.5, 0.0, 0.0); ( 364768.6, 3767007.5, 0.0, 0.0);
( 364893.6, 3767007.5, 0.0, 0.0); ( 365018.6, 3767007.5, 0.0, 0.0);
( 365143.6, 3767007.5, 0.0, 0.0); ( 365268.6, 3767007.5, 0.0, 0.0);
( 365393.6, 3767007.5, 0.0, 0.0); ( 365518.6, 3767007.5, 0.0, 0.0);
( 365643.6, 3767007.5, 0.0, 0.0); ( 365768.6, 3767007.5, 0.0, 0.0);
( 364787.8, 3766259.5, 0.0, 0.0); ( 365206.8, 3766357.8, 0.0, 0.0);
( 365180.3, 3766456.2, 0.0, 0.0); ( 364769.3, 3766358.2, 0.0, 0.0);
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
***

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009153	364768.6	3766257.5	-6.12
L0009153	364788.6	3766257.5	-19.27
L0009153	364808.6	3766257.5	-15.48
L0009153	364828.6	3766257.5	0.45
L0009153	364768.6	3766277.5	-10.98
L0009153	364768.6	3766297.5	-2.49
L0009153	364787.8	3766259.5	-20.81
L0009154	364808.6	3766257.5	-3.30
L0009154	364828.6	3766257.5	-11.74
L0009154	364848.6	3766257.5	-6.49
L0009154	364868.6	3766277.5	0.44

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L0009155	364868.6	3766257.5	-3.10
L0009155	364868.6	3766277.5	-23.08
L0009155	364888.6	3766277.5	-11.96
L0009156	364888.6	3766277.5	-9.72
L0009156	364908.6	3766277.5	-13.90
L0009156	364928.6	3766277.5	-3.65
L0009157	364928.6	3766277.5	-3.77
L0009157	364948.6	3766277.5	-4.79
L0009157	364968.6	3766297.5	-6.81
L0009158	364968.6	3766297.5	-15.81
L0009158	364988.6	3766297.5	-14.06
L0009158	365008.6	3766297.5	0.34
L0009159	364988.6	3766297.5	0.35
L0009159	365008.6	3766297.5	-8.28
L0009159	365028.6	3766297.5	-4.66
L0009159	365048.6	3766317.5	-0.71
L0009160	365048.6	3766297.5	0.14
L0009160	365048.6	3766317.5	-19.85
L0009160	365068.6	3766317.5	-11.37
L0009161	365068.6	3766317.5	-6.23
L0009161	365088.6	3766317.5	-11.21
L0009161	365108.6	3766317.5	-2.74
L0009162	365108.6	3766317.5	-0.32
L0009162	365128.6	3766317.5	-2.26
L0009162	365128.6	3766337.5	-21.48
L0009162	365148.6	3766337.5	-7.16
L0009163	365128.6	3766337.5	0.49
L0009163	365148.6	3766337.5	-12.11
L0009163	365168.6	3766337.5	-12.01

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009163	365188.6	3766337.5	0.69
L0009164	365188.6	3766337.5	-4.76
L0009164	365208.6	3766337.5	-2.54
L0009164	365208.6	3766357.5	-19.12
L0009164	365208.6	3766377.5	-21.46
L0009164	365208.6	3766397.5	-6.17
L0009164	365218.6	3766357.5	-10.76
L0009164	365218.6	3766382.5	-10.29
L0009164	365206.8	3766357.8	-20.55
L0009165	364788.6	3766257.5	0.13
L0009165	364768.6	3766277.5	-8.92
L0009165	364768.6	3766297.5	-14.78
L0009165	364768.6	3766317.5	-5.61
L0009165	364787.8	3766259.5	-1.80
L0009167	364868.6	3766277.5	-2.40
L0009172	365048.6	3766317.5	0.62
L0009174	365128.6	3766337.5	-0.96
L0009176	365208.6	3766357.5	-0.99
L0009176	365208.6	3766377.5	-16.73
L0009176	365208.6	3766397.5	-19.30
L0009176	365208.6	3766417.5	-5.37
L0009176	365218.6	3766382.5	-9.88
L0009176	365218.6	3766407.5	-5.67
L0009176	365206.8	3766357.8	-1.96
L0009177	364768.6	3766297.5	-11.15
L0009177	364768.6	3766317.5	-17.45
L0009177	364768.6	3766337.5	-7.24
L0009188	365208.6	3766377.5	0.43
L0009188	365208.6	3766397.5	-13.55
L0009188	365208.6	3766417.5	-14.84
L0009188	365188.6	3766437.5	-8.81
L0009188	365208.6	3766437.5	-2.03
L0009188	365218.6	3766407.5	-6.48
L0009189	364768.6	3766317.5	-14.89
L0009189	364768.6	3766337.5	-21.41
L0009189	364768.6	3766357.5	-8.98
L0009189	364769.3	3766358.2	-8.76
L0009190	364808.6	3766377.5	-0.38
L0009190	364828.6	3766377.5	-1.38
L0009191	364848.6	3766377.5	-9.61

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009192	364888.6	3766397.5	0.93
L0009193	364908.6	3766397.5	-1.46
L0009193	364928.6	3766397.5	-8.06
L0009195	364988.6	3766417.5	-2.63
L0009195	365008.6	3766417.5	-4.65
L0009196	365008.6	3766417.5	0.54
L0009197	365068.6	3766437.5	-1.81
L0009197	365088.6	3766437.5	0.36
L0009198	365088.6	3766437.5	-2.85
L0009199	365148.6	3766457.5	0.45
L0009200	365208.6	3766417.5	-10.01
L0009200	365188.6	3766437.5	-27.03
L0009200	365208.6	3766437.5	-10.75
L0009200	365168.6	3766457.5	-4.67
L0009200	365188.6	3766457.5	-7.90
L0009200	365208.6	3766457.5	0.96
L0009200	365218.6	3766432.5	-2.10
L0009200	365180.3	3766456.2	-9.38
L0009201	364768.6	3766317.5	-1.52
L0009201	364768.6	3766337.5	-18.82
L0009201	364768.6	3766357.5	-23.09
L0009201	364768.6	3766377.5	-7.96
L0009201	364788.6	3766377.5	-9.86

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

FILE: C:\AERMOD~1\METDAT~1\WESTLA.ASC FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,F9.4,f10.1,f8.4,i4,f7.2)
SURFACE STATION NO.: 52158 UPPER AIR STATION NO.: 91919
NAME: UNKNOWN NAME: UNKNOWN
YEAR: 1981 YEAR: 1981

YEAR	MONTH	DAY	HOUR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
81	1	1	1	67.3	1.00	285.9	7	387.1	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	2	79.9	1.00	286.5	7	397.2	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	3	62.5	1.00	285.9	6	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	4	98.5	1.00	285.9	5	417.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	5	354.0	1.00	285.4	4	427.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	6	139.5	1.00	283.7	5	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	7	94.5	1.00	283.7	6	447.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	8	112.2	1.00	284.3	5	70.1	201.5	0.0000	0.0	0.0000	0	0.00
81	1	1	9	186.5	1.00	287.0	4	144.7	254.3	0.0000	0.0	0.0000	0	0.00
81	1	1	10	256.6	1.00	291.5	3	219.4	307.0	0.0000	0.0	0.0000	0	0.00
81	1	1	11	314.1	1.00	294.8	2	294.0	359.8	0.0000	0.0	0.0000	0	0.00
81	1	1	12	35.6	2.68	290.9	3	368.7	412.5	0.0000	0.0	0.0000	0	0.00
81	1	1	13	64.7	2.24	289.8	3	443.3	465.3	0.0000	0.0	0.0000	0	0.00
81	1	1	14	34.2	2.24	290.4	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	15	44.8	1.34	290.4	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	16	53.2	1.79	289.3	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	17	42.6	0.00	288.1	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	18	30.1	1.00	287.6	5	518.0	468.5	0.0000	0.0	0.0000	0	0.00
81	1	1	19	20.5	0.00	287.0	6	518.0	425.9	0.0000	0.0	0.0000	0	0.00
81	1	1	20	55.7	1.00	287.0	7	518.0	383.4	0.0000	0.0	0.0000	0	0.00
81	1	1	21	43.6	0.00	287.6	7	518.0	340.8	0.0000	0.0	0.0000	0	0.00
81	1	1	22	137.0	1.00	287.0	7	518.0	298.2	0.0000	0.0	0.0000	0	0.00
81	1	1	23	90.7	1.00	286.5	7	518.0	255.6	0.0000	0.0	0.0000	0	0.00
81	1	1	24	67.2	1.00	286.5	6	518.0	213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365195.56	3766329.25	0.00003	365046.69	3766293.00	0.00003
364925.03	3766265.00	0.00002	364810.06	3766234.50	0.00001
365230.94	3766352.75	0.00003	365358.03	3766388.00	0.00001
365384.34	3766356.75	0.00001	365410.66	3766309.75	0.00001
365214.22	3766258.25	0.00001	365061.88	3766221.00	0.00001
364950.50	3766192.75	0.00001	364851.97	3766170.25	0.00000
364936.41	3766071.00	0.00000	365000.66	3766093.75	0.00000
365093.69	3766117.00	0.00001	365250.94	3766158.50	0.00001
365455.34	3766211.75	0.00000	364768.56	3766257.50	0.00001
364788.56	3766257.50	0.00001	364808.56	3766257.50	0.00001
364828.56	3766257.50	0.00001	364848.56	3766257.50	0.00002
364868.56	3766257.50	0.00002	364888.56	3766257.50	0.00002
364908.56	3766257.50	0.00002	364928.56	3766257.50	0.00002
364948.56	3766257.50	0.00002	364968.56	3766257.50	0.00002
364988.56	3766257.50	0.00002	365008.56	3766257.50	0.00002
365028.56	3766257.50	0.00002	365048.56	3766257.50	0.00002
365068.56	3766257.50	0.00002	365088.56	3766257.50	0.00002
365108.56	3766257.50	0.00002	365128.56	3766257.50	0.00002
365148.56	3766257.50	0.00001	365168.56	3766257.50	0.00001
365188.56	3766257.50	0.00001	365208.56	3766257.50	0.00001
364768.56	3766277.50	0.00001	364868.56	3766277.50	0.00002
364888.56	3766277.50	0.00003	364908.56	3766277.50	0.00003
364928.56	3766277.50	0.00003	364948.56	3766277.50	0.00003
364968.56	3766277.50	0.00003	364988.56	3766277.50	0.00003
365008.56	3766277.50	0.00002	365028.56	3766277.50	0.00002
365048.56	3766277.50	0.00002	365068.56	3766277.50	0.00002
365088.56	3766277.50	0.00002	365108.56	3766277.50	0.00002
365128.56	3766277.50	0.00002	365148.56	3766277.50	0.00002
365168.56	3766277.50	0.00002	365188.56	3766277.50	0.00002
365208.56	3766277.50	0.00002	364768.56	3766297.50	0.00001
364968.56	3766297.50	0.00003	364988.56	3766297.50	0.00003
365008.56	3766297.50	0.00003	365028.56	3766297.50	0.00003
365048.56	3766297.50	0.00003	365068.56	3766297.50	0.00003
365088.56	3766297.50	0.00003	365108.56	3766297.50	0.00003
365128.56	3766297.50	0.00002	365148.56	3766297.50	0.00002
365168.56	3766297.50	0.00002	365188.56	3766297.50	0.00002
365208.56	3766297.50	0.00002	364768.56	3766317.50	0.00002
365048.56	3766317.50	0.00003	365068.56	3766317.50	0.00003
365088.56	3766317.50	0.00003	365108.56	3766317.50	0.00003
365128.56	3766317.50	0.00003	365148.56	3766317.50	0.00003

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365168.56	3766317.50	0.00003	365188.56	3766317.50	0.00003
365208.56	3766317.50	0.00002	364768.56	3766337.50	0.00002
365128.56	3766337.50	0.00004	365148.56	3766337.50	0.00003

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365168.56	3766337.50	0.00003	365188.56	3766337.50	0.00003
365208.56	3766337.50	0.00003	364768.56	3766357.50	0.00002
365208.56	3766357.50	0.00003	364768.56	3766377.50	0.00002
364788.56	3766377.50	0.00003	364808.56	3766377.50	0.00003
364828.56	3766377.50	0.00004	364848.56	3766377.50	0.00005
365208.56	3766377.50	0.00004	364768.56	3766397.50	0.00002
364788.56	3766397.50	0.00003	364808.56	3766397.50	0.00003
364828.56	3766397.50	0.00004	364848.56	3766397.50	0.00005
364868.56	3766397.50	0.00005	364888.56	3766397.50	0.00006
364908.56	3766397.50	0.00006	364928.56	3766397.50	0.00006
365208.56	3766397.50	0.00005	364768.56	3766417.50	0.00002
364788.56	3766417.50	0.00002	364808.56	3766417.50	0.00003
364828.56	3766417.50	0.00003	364848.56	3766417.50	0.00004
364868.56	3766417.50	0.00004	364888.56	3766417.50	0.00005
364908.56	3766417.50	0.00005	364928.56	3766417.50	0.00006
364948.56	3766417.50	0.00006	364968.56	3766417.50	0.00006
364988.56	3766417.50	0.00006	365008.56	3766417.50	0.00007
365208.56	3766417.50	0.00005	364768.56	3766437.50	0.00001
364788.56	3766437.50	0.00002	364808.56	3766437.50	0.00002
364828.56	3766437.50	0.00003	364848.56	3766437.50	0.00003
364868.56	3766437.50	0.00003	364888.56	3766437.50	0.00004
364908.56	3766437.50	0.00004	364928.56	3766437.50	0.00005
364948.56	3766437.50	0.00005	364968.56	3766437.50	0.00006
364988.56	3766437.50	0.00006	365008.56	3766437.50	0.00006
365028.56	3766437.50	0.00006	365048.56	3766437.50	0.00006
365068.56	3766437.50	0.00007	365088.56	3766437.50	0.00006
365188.56	3766437.50	0.00006	365208.56	3766437.50	0.00005
364768.56	3766457.50	0.00001	364788.56	3766457.50	0.00001
364808.56	3766457.50	0.00002	364828.56	3766457.50	0.00002
364848.56	3766457.50	0.00002	364868.56	3766457.50	0.00003
364888.56	3766457.50	0.00003	364908.56	3766457.50	0.00003
364928.56	3766457.50	0.00004	364948.56	3766457.50	0.00004
364968.56	3766457.50	0.00004	364988.56	3766457.50	0.00005
365008.56	3766457.50	0.00005	365028.56	3766457.50	0.00005
365048.56	3766457.50	0.00006	365068.56	3766457.50	0.00006
365088.56	3766457.50	0.00006	365108.56	3766457.50	0.00006
365128.56	3766457.50	0.00006	365148.56	3766457.50	0.00006

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365168.56	3766457.50	0.00006	365188.56	3766457.50	0.00006
365208.56	3766457.50	0.00005	364743.56	3766232.50	0.00001
364768.56	3766232.50	0.00001	364793.56	3766232.50	0.00001
364818.56	3766232.50	0.00001	364843.56	3766232.50	0.00001
364868.56	3766232.50	0.00001	364893.56	3766232.50	0.00001
364918.56	3766232.50	0.00001	364943.56	3766232.50	0.00001
364968.56	3766232.50	0.00001	364993.56	3766232.50	0.00001
365018.56	3766232.50	0.00001	365043.56	3766232.50	0.00001
365068.56	3766232.50	0.00001	365093.56	3766232.50	0.00001
365118.56	3766232.50	0.00001	365143.56	3766232.50	0.00001
365168.56	3766232.50	0.00001	365193.56	3766232.50	0.00001
365218.56	3766232.50	0.00001	365243.56	3766232.50	0.00001
364743.56	3766257.50	0.00001	365218.56	3766257.50	0.00001
365243.56	3766257.50	0.00001	364743.56	3766282.50	0.00001
365218.56	3766282.50	0.00002	365243.56	3766282.50	0.00001
364743.56	3766307.50	0.00002	365218.56	3766307.50	0.00002
365243.56	3766307.50	0.00002	364743.56	3766332.50	0.00002
365218.56	3766332.50	0.00003	365243.56	3766332.50	0.00002
364743.56	3766357.50	0.00002	365218.56	3766357.50	0.00003
365243.56	3766357.50	0.00003	364743.56	3766382.50	0.00002
365218.56	3766382.50	0.00004	365243.56	3766382.50	0.00004
364743.56	3766407.50	0.00002	365218.56	3766407.50	0.00005
365243.56	3766407.50	0.00005	364743.56	3766432.50	0.00001
365218.56	3766432.50	0.00005	365243.56	3766432.50	0.00005
364743.56	3766457.50	0.00001	365218.56	3766457.50	0.00006
365243.56	3766457.50	0.00005	364743.56	3766482.50	0.00001
364768.56	3766482.50	0.00001	364793.56	3766482.50	0.00001
364818.56	3766482.50	0.00001	364843.56	3766482.50	0.00002
364868.56	3766482.50	0.00002	364893.56	3766482.50	0.00002
364918.56	3766482.50	0.00003	364943.56	3766482.50	0.00003
364968.56	3766482.50	0.00003	364993.56	3766482.50	0.00003
365018.56	3766482.50	0.00004	365043.56	3766482.50	0.00004
365068.56	3766482.50	0.00004	365093.56	3766482.50	0.00005
365118.56	3766482.50	0.00005	365143.56	3766482.50	0.00005
365168.56	3766482.50	0.00005	365193.56	3766482.50	0.00005
365218.56	3766482.50	0.00005	365243.56	3766482.50	0.00004
364718.56	3766207.50	0.00000	364768.56	3766207.50	0.00000
364818.56	3766207.50	0.00001	364868.56	3766207.50	0.00001
364918.56	3766207.50	0.00001	364968.56	3766207.50	0.00001
365018.56	3766207.50	0.00001	365068.56	3766207.50	0.00001

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365118.56	3766207.50	0.00001	365168.56	3766207.50	0.00001
365218.56	3766207.50	0.00001	365268.56	3766207.50	0.00001
364718.56	3766257.50	0.00001	365268.56	3766257.50	0.00001
364718.56	3766307.50	0.00001	365268.56	3766307.50	0.00002
364718.56	3766357.50	0.00002	365268.56	3766357.50	0.00002
364718.56	3766407.50	0.00001	365268.56	3766407.50	0.00003
364718.56	3766457.50	0.00001	365268.56	3766457.50	0.00003
364718.56	3766507.50	0.00001	364768.56	3766507.50	0.00001
364818.56	3766507.50	0.00001	364868.56	3766507.50	0.00002

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364918.56	3766507.50	0.00002	364968.56	3766507.50	0.00002
365018.56	3766507.50	0.00003	365068.56	3766507.50	0.00003
365118.56	3766507.50	0.00004	365168.56	3766507.50	0.00004
365218.56	3766507.50	0.00004	365268.56	3766507.50	0.00003
364668.56	3766157.50	0.00000	364743.56	3766157.50	0.00000
364818.56	3766157.50	0.00000	364893.56	3766157.50	0.00001
364968.56	3766157.50	0.00001	365043.56	3766157.50	0.00001
365118.56	3766157.50	0.00001	365193.56	3766157.50	0.00001
365268.56	3766157.50	0.00001	365343.56	3766157.50	0.00001
364668.56	3766232.50	0.00000	365268.56	3766232.50	0.00001
365343.56	3766232.50	0.00001	364668.56	3766307.50	0.00001
365268.56	3766307.50	0.00002	365343.56	3766307.50	0.00001
364668.56	3766382.50	0.00001	365268.56	3766382.50	0.00003
365343.56	3766382.50	0.00002	364668.56	3766457.50	0.00001
365268.56	3766457.50	0.00003	365343.56	3766457.50	0.00002
364668.56	3766532.50	0.00000	364743.56	3766532.50	0.00001
364818.56	3766532.50	0.00001	364893.56	3766532.50	0.00001
364968.56	3766532.50	0.00002	365043.56	3766532.50	0.00002
365118.56	3766532.50	0.00003	365193.56	3766532.50	0.00003
365268.56	3766532.50	0.00002	365343.56	3766532.50	0.00002
364568.56	3766057.50	0.00000	364668.56	3766057.50	0.00000
364768.56	3766057.50	0.00000	364868.56	3766057.50	0.00000
364968.56	3766057.50	0.00000	365068.56	3766057.50	0.00000
365168.56	3766057.50	0.00000	365268.56	3766057.50	0.00000
365368.56	3766057.50	0.00000	364568.56	3766157.50	0.00000
365368.56	3766157.50	0.00000	364568.56	3766257.50	0.00000
365368.56	3766257.50	0.00001	364568.56	3766357.50	0.00001
365368.56	3766357.50	0.00001	364568.56	3766457.50	0.00000
365368.56	3766457.50	0.00001	364568.56	3766557.50	0.00000
365368.56	3766557.50	0.00001	364568.56	3766657.50	0.00000
364668.56	3766657.50	0.00000	364768.56	3766657.50	0.00000

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
 L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
 L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364868.56	3766657.50	0.00001	364968.56	3766657.50	0.00001
365068.56	3766657.50	0.00001	365168.56	3766657.50	0.00001
365268.56	3766657.50	0.00001	365368.56	3766657.50	0.00001
364268.56	3765757.50	0.00000	364393.56	3765757.50	0.00000
364518.56	3765757.50	0.00000	364643.56	3765757.50	0.00000
364768.56	3765757.50	0.00000	364893.56	3765757.50	0.00000
365018.56	3765757.50	0.00000	365143.56	3765757.50	0.00000
365268.56	3765757.50	0.00000	365393.56	3765757.50	0.00000
365518.56	3765757.50	0.00000	365643.56	3765757.50	0.00000
365768.56	3765757.50	0.00000	364268.56	3765882.50	0.00000
364393.56	3765882.50	0.00000	364518.56	3765882.50	0.00000
364643.56	3765882.50	0.00000	364768.56	3765882.50	0.00000
364893.56	3765882.50	0.00000	365018.56	3765882.50	0.00000
365143.56	3765882.50	0.00000	365268.56	3765882.50	0.00000
365393.56	3765882.50	0.00000	365518.56	3765882.50	0.00000
365643.56	3765882.50	0.00000	365768.56	3765882.50	0.00000
364268.56	3766007.50	0.00000	364393.56	3766007.50	0.00000
364518.56	3766007.50	0.00000	364643.56	3766007.50	0.00000
364768.56	3766007.50	0.00000	364893.56	3766007.50	0.00000
365018.56	3766007.50	0.00000	365143.56	3766007.50	0.00000
365268.56	3766007.50	0.00000	365393.56	3766007.50	0.00000
365518.56	3766007.50	0.00000	365643.56	3766007.50	0.00000
365768.56	3766007.50	0.00000	364268.56	3766132.50	0.00000
364393.56	3766132.50	0.00000	364518.56	3766132.50	0.00000
365518.56	3766132.50	0.00000	365643.56	3766132.50	0.00000
365768.56	3766132.50	0.00000	364268.56	3766257.50	0.00000
364393.56	3766257.50	0.00000	364518.56	3766257.50	0.00000
365518.56	3766257.50	0.00000	365643.56	3766257.50	0.00000
365768.56	3766257.50	0.00000	364268.56	3766382.50	0.00000
364393.56	3766382.50	0.00000	364518.56	3766382.50	0.00000
365518.56	3766382.50	0.00001	365643.56	3766382.50	0.00000
365768.56	3766382.50	0.00000	364268.56	3766507.50	0.00000
364393.56	3766507.50	0.00000	364518.56	3766507.50	0.00000
365518.56	3766507.50	0.00001	365643.56	3766507.50	0.00000
365768.56	3766507.50	0.00000	364268.56	3766632.50	0.00000
364393.56	3766632.50	0.00000	364518.56	3766632.50	0.00000
365518.56	3766632.50	0.00001	365643.56	3766632.50	0.00000
365768.56	3766632.50	0.00000	364268.56	3766757.50	0.00000
364393.56	3766757.50	0.00000	364518.56	3766757.50	0.00000
364643.56	3766757.50	0.00000	364768.56	3766757.50	0.00000

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
 L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
 L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364893.56	3766757.50	0.00000	365018.56	3766757.50	0.00000
365143.56	3766757.50	0.00001	365268.56	3766757.50	0.00001
365393.56	3766757.50	0.00001	365518.56	3766757.50	0.00001
365643.56	3766757.50	0.00000	365768.56	3766757.50	0.00000
364268.56	3766882.50	0.00000	364393.56	3766882.50	0.00000
364518.56	3766882.50	0.00000	364643.56	3766882.50	0.00000
364768.56	3766882.50	0.00000	364893.56	3766882.50	0.00000
365018.56	3766882.50	0.00000	365143.56	3766882.50	0.00000
365268.56	3766882.50	0.00000	365393.56	3766882.50	0.00000
365518.56	3766882.50	0.00000	365643.56	3766882.50	0.00000
365768.56	3766882.50	0.00000	364268.56	3767007.50	0.00000
364393.56	3767007.50	0.00000	364518.56	3767007.50	0.00000
364643.56	3767007.50	0.00000	364768.56	3767007.50	0.00000
364893.56	3767007.50	0.00000	365018.56	3767007.50	0.00000
365143.56	3767007.50	0.00000	365268.56	3767007.50	0.00000

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365393.56 3767007.50 0.00000 365518.56 3767007.50 0.00000
365643.56 3767007.50 0.00000 365768.56 3767007.50 0.00000
364787.78 3766259.50 0.00001 365206.84 3766357.75 0.00004
365180.28 3766456.25 0.00006 364769.34 3766358.25 0.00002
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** 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)
365195.56	3766329.25	0.00020	(81050901)	365046.69	3766293.00	0.00017	(81012507)
364925.03	3766265.00	0.00018	(81040303)	364810.06	3766234.50	0.00019	(81042007)
365230.94	3766352.75	0.00023	(81071903)	365358.03	3766388.00	0.00016	(81072724)
365384.34	3766356.75	0.00014	(81091907)	365410.66	3766309.75	0.00011	(81031605)
365214.22	3766258.25	0.00011	(81122622)	365061.88	3766221.00	0.00010	(81021803)
364950.50	3766192.75	0.00010	(81120407)	364851.97	3766170.25	0.00011	(81011201)
364936.41	3766071.00	0.00007	(81111906)	365000.66	3766093.75	0.00007	(81020802)
365093.69	3766117.00	0.00007	(81100604)	365250.94	3766158.50	0.00007	(81092005)
365455.34	3766211.75	0.00007	(81021804)	364768.56	3766257.50	0.00024	(81020601)
364788.56	3766257.50	0.00024	(81112923)	364808.56	3766257.50	0.00022	(81011604)
364828.56	3766257.50	0.00021	(81040607)	364848.56	3766257.50	0.00020	(81122004)
364868.56	3766257.50	0.00019	(81042007)	364888.56	3766257.50	0.00019	(81032003)
364908.56	3766257.50	0.00017	(81030605)	364928.56	3766257.50	0.00017	(81011203)
364948.56	3766257.50	0.00015	(81070401)	364968.56	3766257.50	0.00015	(81101901)
364988.56	3766257.50	0.00014	(81100903)	365008.56	3766257.50	0.00013	(81112922)
365028.56	3766257.50	0.00013	(81032402)	365048.56	3766257.50	0.00013	(81032703)
365068.56	3766257.50	0.00013	(81052303)	365088.56	3766257.50	0.00012	(81030806)
365108.56	3766257.50	0.00012	(81020503)	365128.56	3766257.50	0.00012	(81071224)
365148.56	3766257.50	0.00012	(81021605)	365168.56	3766257.50	0.00011	(81120401)
365188.56	3766257.50	0.00011	(81041204)	365208.56	3766257.50	0.00011	(81032006)
364768.56	3766277.50	0.00025	(81022523)	364868.56	3766277.50	0.00023	(81070406)
364888.56	3766277.50	0.00020	(81011924)	364908.56	3766277.50	0.00020	(81042007)
364928.56	3766277.50	0.00019	(81101206)	364948.56	3766277.50	0.00018	(81110108)
364968.56	3766277.50	0.00017	(81011203)	364988.56	3766277.50	0.00016	(81022805)
365008.56	3766277.50	0.00016	(81011201)	365028.56	3766277.50	0.00015	(81040521)
365048.56	3766277.50	0.00015	(81040420)	365068.56	3766277.50	0.00015	(81103103)
365088.56	3766277.50	0.00014	(81061805)	365108.56	3766277.50	0.00014	(81082203)
365128.56	3766277.50	0.00014	(81071805)	365148.56	3766277.50	0.00013	(81071805)
365168.56	3766277.50	0.00013	(81122701)	365188.56	3766277.50	0.00013	(81022301)
365208.56	3766277.50	0.00013	(81080806)	364768.56	3766297.50	0.00027	(81122522)
364968.56	3766297.50	0.00018	(81042007)	364988.56	3766297.50	0.00017	(81101604)
365008.56	3766297.50	0.00017	(81021002)	365028.56	3766297.50	0.00017	(81101604)
365048.56	3766297.50	0.00018	(81111101)	365068.56	3766297.50	0.00017	(81101604)
365088.56	3766297.50	0.00017	(81111101)	365108.56	3766297.50	0.00016	(81071204)
365128.56	3766297.50	0.00016	(81031606)	365148.56	3766297.50	0.00016	(81031606)
365168.56	3766297.50	0.00015	(81031606)	365188.56	3766297.50	0.00015	(81031606)
365208.56	3766297.50	0.00014	(81022101)	364768.56	3766317.50	0.00027	(81012306)
365048.56	3766317.50	0.00019	(81091624)	365068.56	3766317.50	0.00019	(81021822)
365088.56	3766317.50	0.00020	(81011807)	365108.56	3766317.50	0.00019	(81031605)
365128.56	3766317.50	0.00019	(81022106)	365148.56	3766317.50	0.00018	(81121422)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** 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)
365168.56	3766317.50	0.00018	(81061505)	365188.56	3766317.50	0.00018	(81022601)
365208.56	3766317.50	0.00017	(81051006)	364768.56	3766337.50	0.00027	(81081505)
365128.56	3766337.50	0.00022	(81110622)	365148.56	3766337.50	0.00020	(81120902)
365168.56	3766337.50	0.00022	(81103120)	365188.56	3766337.50	0.00020	(81051003)
365208.56	3766337.50	0.00020	(81020620)	364768.56	3766357.50	0.00025	(81070606)
365208.56	3766357.50	0.00024	(81031106)	364768.56	3766377.50	0.00022	(81111619)
364788.56	3766377.50	0.00021	(81102806)	364808.56	3766377.50	0.00023	(81030120)
364828.56	3766377.50	0.00022	(81060501)	364848.56	3766377.50	0.00024	(81112524)
365208.56	3766377.50	0.00026	(81091703)	364768.56	3766397.50	0.00018	(81031608)
364788.56	3766397.50	0.00019	(81111902)	364808.56	3766397.50	0.00019	(81050807)
364828.56	3766397.50	0.00019	(81122919)	364848.56	3766397.50	0.00021	(81021603)
364868.56	3766397.50	0.00020	(81121903)	364888.56	3766397.50	0.00022	(81121903)
364908.56	3766397.50	0.00020	(81092305)	364928.56	3766397.50	0.00020	(81092305)
365208.56	3766397.50	0.00027	(81121404)	364768.56	3766417.50	0.00015	(81070801)
364788.56	3766417.50	0.00016	(81070801)	364808.56	3766417.50	0.00016	(81070801)
364828.56	3766417.50	0.00017	(81061202)	364848.56	3766417.50	0.00017	(81070724)
364868.56	3766417.50	0.00017	(81111205)	364888.56	3766417.50	0.00018	(81031222)
364908.56	3766417.50	0.00018	(81022323)	364928.56	3766417.50	0.00019	(81030124)
364948.56	3766417.50	0.00018	(81051007)	364968.56	3766417.50	0.00017	(81070403)
364988.56	3766417.50	0.00018	(81082502)	365008.56	3766417.50	0.00019	(81073022)
365208.56	3766417.50	0.00027	(81020220)	364768.56	3766437.50	0.00013	(81031806)
364788.56	3766437.50	0.00013	(81031806)	364808.56	3766437.50	0.00014	(81112705)
364828.56	3766437.50	0.00014	(81120319)	364848.56	3766437.50	0.00015	(81051302)
364868.56	3766437.50	0.00015	(81032521)	364888.56	3766437.50	0.00015	(81110523)
364908.56	3766437.50	0.00016	(81101808)	364928.56	3766437.50	0.00016	(81032521)
364948.56	3766437.50	0.00016	(81110523)	364968.56	3766437.50	0.00017	(81030406)
364988.56	3766437.50	0.00017	(81072619)	365008.56	3766437.50	0.00018	(81092601)
365028.56	3766437.50	0.00020	(81031718)	365048.56	3766437.50	0.00019	(81101102)
365068.56	3766437.50	0.00022	(81072207)	365088.56	3766437.50	0.00021	(81102023)
365188.56	3766437.50	0.00028	(81051922)	365208.56	3766437.50	0.00026	(81021321)
364768.56	3766457.50	0.00012	(81030406)	364788.56	3766457.50	0.00012	(81032208)
364808.56	3766457.50	0.00012	(81092521)	364828.56	3766457.50	0.00012	(81061823)
364848.56	3766457.50	0.00013	(81051621)	364868.56	3766457.50	0.00013	(81112905)
364888.56	3766457.50	0.00013	(81051304)	364908.56	3766457.50	0.00013	(81041903)
364928.56	3766457.50	0.00014	(81082422)	364948.56	3766457.50	0.00014	(81081921)
364968.56	3766457.50	0.00014	(81101905)	364988.56	3766457.50	0.00015	(81010918)
365008.56	3766457.50	0.00016	(81043024)	365028.56	3766457.50	0.00017	(81031104)
365048.56	3766457.50	0.00018	(81091802)	365068.56	3766457.50	0.00019	(81110319)
365088.56	3766457.50	0.00020	(81042120)	365108.56	3766457.50	0.00021	(81102723)
365128.56	3766457.50	0.00021	(81120901)	365148.56	3766457.50	0.00023	(81051620)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
 L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
 L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** 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)
365168.56	3766457.50	0.00023	(81081222)	365188.56	3766457.50	0.00025	(81032105)
365208.56	3766457.50	0.00024	(81032121)	364743.56	3766232.50	0.00021	(81070406)
364768.56	3766232.50	0.00021	(81030604)	364793.56	3766232.50	0.00019	(81111008)
364818.56	3766232.50	0.00018	(81101206)	364843.56	3766232.50	0.00017	(81122321)
364868.56	3766232.50	0.00016	(81011205)	364893.56	3766232.50	0.00015	(81122006)
364918.56	3766232.50	0.00014	(81040306)	364943.56	3766232.50	0.00013	(81011201)
364968.56	3766232.50	0.00012	(81012102)	364993.56	3766232.50	0.00012	(81020602)
365018.56	3766232.50	0.00011	(81011222)	365043.56	3766232.50	0.00011	(81020324)
365068.56	3766232.50	0.00011	(81101823)	365093.56	3766232.50	0.00011	(81101723)
365118.56	3766232.50	0.00010	(81111624)	365143.56	3766232.50	0.00010	(81052101)
365168.56	3766232.50	0.00010	(81101002)	365193.56	3766232.50	0.00010	(81050403)
365218.56	3766232.50	0.00010	(81030907)	365243.56	3766232.50	0.00009	(81080302)
364743.56	3766257.50	0.00025	(81021003)	365218.56	3766257.50	0.00011	(81122622)
365243.56	3766257.50	0.00011	(81050503)	364743.56	3766282.50	0.00028	(81042105)
365218.56	3766282.50	0.00013	(81012603)	365243.56	3766282.50	0.00012	(81120306)
364743.56	3766307.50	0.00030	(81111020)	365218.56	3766307.50	0.00015	(81060301)
365243.56	3766307.50	0.00015	(81050424)	364743.56	3766332.50	0.00029	(81081505)
365218.56	3766332.50	0.00019	(81021607)	365243.56	3766332.50	0.00018	(81050901)
364743.56	3766357.50	0.00024	(81010319)	365218.56	3766357.50	0.00023	(81082102)
365243.56	3766357.50	0.00023	(81050623)	364743.56	3766382.50	0.00020	(81080406)
365218.56	3766382.50	0.00025	(81010201)	365243.56	3766382.50	0.00027	(81020801)
364743.56	3766407.50	0.00016	(81022323)	365218.56	3766407.50	0.00026	(81030706)
365243.56	3766407.50	0.00028	(81022105)	364743.56	3766432.50	0.00013	(81040524)
365218.56	3766432.50	0.00027	(81040221)	365243.56	3766432.50	0.00028	(81082002)
364743.56	3766457.50	0.00011	(81032521)	365218.56	3766457.50	0.00028	(81100701)
365243.56	3766457.50	0.00026	(81040706)	364743.56	3766482.50	0.00010	(81030324)
364768.56	3766482.50	0.00010	(81082122)	364793.56	3766482.50	0.00010	(81010609)
364818.56	3766482.50	0.00010	(81041903)	364843.56	3766482.50	0.00011	(81081921)
364868.56	3766482.50	0.00011	(81010221)	364893.56	3766482.50	0.00011	(81092724)
364918.56	3766482.50	0.00011	(81041703)	364943.56	3766482.50	0.00012	(81121202)
364968.56	3766482.50	0.00012	(81022218)	364993.56	3766482.50	0.00013	(81081601)
365018.56	3766482.50	0.00013	(81010918)	365043.56	3766482.50	0.00014	(81071621)
365068.56	3766482.50	0.00015	(81090221)	365093.56	3766482.50	0.00016	(81081620)
365118.56	3766482.50	0.00018	(81061103)	365143.56	3766482.50	0.00018	(81071722)
365168.56	3766482.50	0.00020	(81010120)	365193.56	3766482.50	0.00021	(81060322)
365218.56	3766482.50	0.00023	(81071123)	365243.56	3766482.50	0.00022	(81010722)
364718.56	3766207.50	0.00017	(81011924)	364768.56	3766207.50	0.00017	(81101206)
364818.56	3766207.50	0.00015	(81011205)	364868.56	3766207.50	0.00013	(81110308)
364918.56	3766207.50	0.00012	(81022522)	364968.56	3766207.50	0.00011	(81020602)
365018.56	3766207.50	0.00010	(81050804)	365068.56	3766207.50	0.00009	(81101324)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
 L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
 L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** 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)
365118.56	3766207.50	0.00009	(81111908)	365168.56	3766207.50	0.00009	(81101704)
365218.56	3766207.50	0.00009	(81091306)	365268.56	3766207.50	0.00008	(81010921)
364718.56	3766257.50	0.00023	(81082024)	365268.56	3766257.50	0.00010	(81050123)
364718.56	3766307.50	0.00026	(81010206)	365268.56	3766307.50	0.00014	(81032705)
364718.56	3766357.50	0.00023	(81032802)	365268.56	3766357.50	0.00021	(81093021)
364718.56	3766407.50	0.00015	(81091322)	365268.56	3766407.50	0.00025	(81121919)
364718.56	3766457.50	0.00011	(81031804)	365268.56	3766457.50	0.00023	(81122508)
364718.56	3766507.50	0.00009	(81041903)	364768.56	3766507.50	0.00009	(81062501)
364818.56	3766507.50	0.00009	(81032523)	364868.56	3766507.50	0.00010	(81041305)
364918.56	3766507.50	0.00010	(81032806)	364968.56	3766507.50	0.00010	(81070522)
365018.56	3766507.50	0.00011	(81012301)	365068.56	3766507.50	0.00013	(81032922)
365118.56	3766507.50	0.00014	(81090620)	365168.56	3766507.50	0.00016	(81053122)
365218.56	3766507.50	0.00018	(81010202)	365268.56	3766507.50	0.00018	(81122424)
364668.56	3766157.50	0.00013	(81042007)	364743.56	3766157.50	0.00012	(81011203)
364818.56	3766157.50	0.00011	(81021002)	364893.56	3766157.50	0.00010	(81112922)
364968.56	3766157.50	0.00009	(81050804)	365043.56	3766157.50	0.00008	(81100802)
365118.56	3766157.50	0.00008	(81110305)	365193.56	3766157.50	0.00007	(81011222)
365268.56	3766157.50	0.00007	(81030802)	365343.56	3766157.50	0.00007	(81020701)
364668.56	3766232.50	0.00018	(81030308)	365268.56	3766232.50	0.00009	(81021605)
365343.56	3766232.50	0.00009	(81101421)	364668.56	3766307.50	0.00021	(81083103)
365268.56	3766307.50	0.00014	(81032705)	365343.56	3766307.50	0.00012	(81101702)
364668.56	3766382.50	0.00016	(81042107)	365268.56	3766382.50	0.00023	(81020106)
365343.56	3766382.50	0.00017	(81103022)	364668.56	3766457.50	0.00011	(81051302)
365268.56	3766457.50	0.00023	(81122508)	365343.56	3766457.50	0.00017	(81071902)
364668.56	3766532.50	0.00008	(81010708)	364743.56	3766532.50	0.00008	(81101123)
364818.56	3766532.50	0.00008	(81040623)	364893.56	3766532.50	0.00009	(81010318)
364968.56	3766532.50	0.00009	(81021219)	365043.56	3766532.50	0.00010	(81012605)
365118.56	3766532.50	0.00012	(81090904)	365193.56	3766532.50	0.00014	(81072824)
365268.56	3766532.50	0.00015	(81082724)	365343.56	3766532.50	0.00014	(81072424)
364568.56	3766057.50	0.00008	(81101206)	364668.56	3766057.50	0.00008	(81070401)
364768.56	3766057.50	0.00008	(81011905)	364868.56	3766057.50	0.00007	(81012024)
364968.56	3766057.50	0.00006	(81031205)	365068.56	3766057.50	0.00006	(81011602)
365168.56	3766057.50	0.00006	(81050406)	365268.56	3766057.50	0.00005	(81042707)
365368.56	3766057.50	0.00005	(81110923)	364568.56	3766157.50	0.00011	(81112923)
365368.56	3766157.50	0.00007	(81061422)	364568.56	3766257.50	0.00014	(81111022)
365368.56	3766257.50	0.00010	(81090301)	364568.56	3766357.50	0.00013	(81032802)
365368.56	3766357.50	0.00014	(81091907)	364568.56	3766457.50	0.00009	(81061202)
365368.56	3766457.50	0.00016	(81101906)	364568.56	3766557.50	0.00007	(81041903)
365368.56	3766557.50	0.00012	(81091807)	364568.56	3766657.50	0.00005	(81080407)
364668.56	3766657.50	0.00005	(81012307)	364768.56	3766657.50	0.00006	(81060503)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
 L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
 L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** 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)
364868.56	3766657.50	0.00006	(81020202)	364968.56	3766657.50	0.00006	(81032601)
365068.56	3766657.50	0.00007	(81101904)	365168.56	3766657.50	0.00007	(81052323)
365268.56	3766657.50	0.00008	(81081019)	365368.56	3766657.50	0.00009	(81012606)
364268.56	3765757.50	0.00004	(81040303)	364393.56	3765757.50	0.00004	(81022805)
364518.56	3765757.50	0.00004	(81052106)	364643.56	3765757.50	0.00004	(81031404)
364768.56	3765757.50	0.00004	(81111906)	364893.56	3765757.50	0.00004	(81122804)
365018.56	3765757.50	0.00004	(81122705)	365143.56	3765757.50	0.00003	(81121401)
365268.56	3765757.50	0.00003	(81012023)	365393.56	3765757.50	0.00003	(81111724)
365518.56	3765757.50	0.00003	(81050605)	365643.56	3765757.50	0.00003	(81013105)
365768.56	3765757.50	0.00003	(81010907)	364268.56	3765882.50	0.00005	(81111008)
364393.56	3765882.50	0.00005	(81110108)	364518.56	3765882.50	0.00005	(81121503)
364643.56	3765882.50	0.00005	(81112922)	364768.56	3765882.50	0.00005	(81050804)
364893.56	3765882.50	0.00005	(81020802)	365018.56	3765882.50	0.00004	(81121124)
365143.56	3765882.50	0.00004	(81010705)	365268.56	3765882.50	0.00004	(81020403)
365393.56	3765882.50	0.00004	(81101424)	365518.56	3765882.50	0.00004	(81082202)
365643.56	3765882.50	0.00004	(81061802)	365768.56	3765882.50	0.00003	(81101402)
364268.56	3766007.50	0.00005	(81042807)	364393.56	3766007.50	0.00006	(81040607)
364518.56	3766007.50	0.00007	(81122321)	364643.56	3766007.50	0.00007	(81040306)
364768.56	3766007.50	0.00006	(81120407)	364893.56	3766007.50	0.00006	(81111906)
365018.56	3766007.50	0.00005	(81020321)	365143.56	3766007.50	0.00005	(81010707)
365268.56	3766007.50	0.00005	(81111803)	365393.56	3766007.50	0.00005	(81031603)
365518.56	3766007.50	0.00004	(81020324)	365643.56	3766007.50	0.00004	(81061422)
365768.56	3766007.50	0.00004	(81021407)	364268.56	3766132.50	0.00006	(81020723)
364393.56	3766132.50	0.00008	(81042822)	364518.56	3766132.50	0.00010	(81112923)
365518.56	3766132.50	0.00006	(81112223)	365643.56	3766132.50	0.00005	(81071805)
365768.56	3766132.50	0.00005	(81100401)	364268.56	3766257.50	0.00007	(81081922)
364393.56	3766257.50	0.00009	(81100406)	364518.56	3766257.50	0.00012	(81111020)
365518.56	3766257.50	0.00008	(81022601)	365643.56	3766257.50	0.00006	(81092503)
365768.56	3766257.50	0.00005	(81042003)	364268.56	3766382.50	0.00006	(81092922)
364393.56	3766382.50	0.00008	(81080307)	364518.56	3766382.50	0.00011	(81100820)
365518.56	3766382.50	0.00010	(81111924)	365643.56	3766382.50	0.00007	(81051702)
365768.56	3766382.50	0.00006	(81050405)	364268.56	3766507.50	0.00005	(81092823)
364393.56	3766507.50	0.00006	(81061202)	364518.56	3766507.50	0.00007	(81122807)
365518.56	3766507.50	0.00010	(81082002)	365643.56	3766507.50	0.00007	(81033022)
365768.56	3766507.50	0.00006	(81122907)	364268.56	3766632.50	0.00005	(81123106)
364393.56	3766632.50	0.00005	(81010609)	364518.56	3766632.50	0.00005	(81092223)
365518.56	3766632.50	0.00008	(81113006)	365643.56	3766632.50	0.00007	(81081020)
365768.56	3766632.50	0.00005	(81020320)	364268.56	3766757.50	0.00004	(81011618)
364393.56	3766757.50	0.00004	(81070323)	364518.56	3766757.50	0.00004	(81012307)
364643.56	3766757.50	0.00004	(81110120)	364768.56	3766757.50	0.00005	(81122401)

1 *** ISC3P - VERSION 04269 ***

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
 L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
 L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** 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)
364893.56	3766757.50	0.00005	(81062923)	365018.56	3766757.50	0.00005	(81052621)
365143.56	3766757.50	0.00006	(81081407)	365268.56	3766757.50	0.00006	(81110304)
365393.56	3766757.50	0.00006	(81011317)	365518.56	3766757.50	0.00006	(81070303)
365643.56	3766757.50	0.00006	(81051821)	365768.56	3766757.50	0.00005	(81030819)
364268.56	3766882.50	0.00003	(81022308)	364393.56	3766882.50	0.00003	(81033107)
364518.56	3766882.50	0.00004	(81040621)	364643.56	3766882.50	0.00004	(81111907)
364768.56	3766882.50	0.00004	(81102024)	364893.56	3766882.50	0.00004	(81040421)
365018.56	3766882.50	0.00004	(81072401)	365143.56	3766882.50	0.00004	(81041522)
365268.56	3766882.50	0.00005	(81110719)	365393.56	3766882.50	0.00005	(81051320)
365518.56	3766882.50	0.00005	(81032919)	365643.56	3766882.50	0.00005	(81053122)
365768.56	3766882.50	0.00004	(81091120)	364268.56	3767007.50	0.00003	(81112424)
364393.56	3767007.50	0.00003	(81110120)	364518.56	3767007.50	0.00003	(81012003)
364643.56	3767007.50	0.00003	(81042923)	364768.56	3767007.50	0.00003	(81041101)
364893.56	3767007.50	0.00003	(81121704)	365018.56	3767007.50	0.00003	(81102201)
365143.56	3767007.50	0.00004	(81112604)	365268.56	3767007.50	0.00004	(81120618)
365393.56	3767007.50	0.00004	(81011922)	365518.56	3767007.50	0.00004	(81091321)
365643.56	3767007.50	0.00004	(81102221)	365768.56	3767007.50	0.00004	(81081405)
364787.78	3766259.50	0.00024	(81112923)	365206.84	3766357.75	0.00024	(81031821)
365180.28	3766456.25	0.00026	(81020424)	364769.34	3766358.25	0.00025	(81070606)

1 *** ISC3P - VERSION 04269 ***

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
 L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
 L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** 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)
365195.56	3766329.25	0.00016c	(81110208)	365046.69	3766293.00	0.00015c	(81110208)
364925.03	3766265.00	0.00014	(81011208)	364810.06	3766234.50	0.00012	(81011208)
365230.94	3766352.75	0.00017c	(81110208)	365358.03	3766388.00	0.00010	(81032624)
365384.34	3766356.75	0.00008	(81032624)	365410.66	3766309.75	0.00005c	(81110208)
365214.22	3766258.25	0.00009c	(81110208)	365061.88	3766221.00	0.00008c	(81101724)
364950.50	3766192.75	0.00008c	(81122324)	364851.97	3766170.25	0.00006	(81011208)
364936.41	3766071.00	0.00004	(81122224)	365000.66	3766093.75	0.00005	(81122224)
365093.69	3766117.00	0.00005c	(81101508)	365250.94	3766158.50	0.00005	(81011224)
365455.34	3766211.75	0.00004c	(81110208)	364768.56	3766257.50	0.00013	(81030608)
364788.56	3766257.50	0.00013	(81030608)	364808.56	3766257.50	0.00012	(81011208)
364828.56	3766257.50	0.00013	(81011208)	364848.56	3766257.50	0.00014	(81011208)
364868.56	3766257.50	0.00014	(81011208)	364888.56	3766257.50	0.00015	(81011208)
364908.56	3766257.50	0.00014	(81011208)	364928.56	3766257.50	0.00013	(81011208)
364948.56	3766257.50	0.00013c	(81122324)	364968.56	3766257.50	0.00012c	(81122324)
364988.56	3766257.50	0.00012c	(81122324)	365008.56	3766257.50	0.00011c	(81122324)
365028.56	3766257.50	0.00011c	(81122324)	365048.56	3766257.50	0.00010c	(81110208)
365068.56	3766257.50	0.00010c	(81110208)	365088.56	3766257.50	0.00010c	(81110208)
365108.56	3766257.50	0.00010c	(81110208)	365128.56	3766257.50	0.00010c	(81110208)
365148.56	3766257.50	0.00010c	(81110208)	365168.56	3766257.50	0.00010c	(81110208)

365188.56 3766257.50 0.00009c (81110208) Cograd.POU.txt 365208.56 3766257.50 0.00009c (81110208)
364768.56 3766277.50 0.00014 (81030608) 364868.56 3766277.50 0.00015 (81011208)
364888.56 3766277.50 0.00015 (81011208) 364908.56 3766277.50 0.00015 (81011208)
364928.56 3766277.50 0.00014 (81011208) 364948.56 3766277.50 0.00014 (81011208)
364968.56 3766277.50 0.00014c (81122324) 364988.56 3766277.50 0.00013 (81011208)
365008.56 3766277.50 0.00013c (81110208) 365028.56 3766277.50 0.00013c (81110208)
365048.56 3766277.50 0.00013c (81110208) 365068.56 3766277.50 0.00013c (81110208)
365088.56 3766277.50 0.00012c (81110208) 365108.56 3766277.50 0.00012c (81110208)
365128.56 3766277.50 0.00012c (81110208) 365148.56 3766277.50 0.00011c (81110208)
365168.56 3766277.50 0.00011c (81110208) 365188.56 3766277.50 0.00011c (81110208)
365208.56 3766277.50 0.00011c (81110208) 364768.56 3766297.50 0.00014c (81112908)
364968.56 3766297.50 0.00014 (81011208) 364988.56 3766297.50 0.00014c (81110208)
365008.56 3766297.50 0.00014c (81110208) 365028.56 3766297.50 0.00015c (81110208)
365048.56 3766297.50 0.00015c (81110208) 365068.56 3766297.50 0.00015c (81110208)
365088.56 3766297.50 0.00015c (81110208) 365108.56 3766297.50 0.00014c (81110208)
365128.56 3766297.50 0.00014c (81110208) 365148.56 3766297.50 0.00014c (81110208)
365168.56 3766297.50 0.00013c (81110208) 365188.56 3766297.50 0.00013c (81110208)
365208.56 3766297.50 0.00013c (81110208) 364768.56 3766317.50 0.00015c (81012908)
365048.56 3766317.50 0.00015c (81110208) 365068.56 3766317.50 0.00016c (81110208)
365088.56 3766317.50 0.00016c (81110208) 365108.56 3766317.50 0.00015c (81110208)
365128.56 3766317.50 0.00016c (81110208) 365148.56 3766317.50 0.00016c (81110208)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

*** MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 29

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,
*** 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)
365168.56	3766317.50	0.00016c	(81110208)	365188.56	3766317.50	0.00015c	(81110208)
365208.56	3766317.50	0.00015c	(81110208)	364768.56	3766337.50	0.00016 (81030108)	
365128.56	3766337.50	0.00017c	(81110208)	365148.56	3766337.50	0.00016c (81110208)	
365168.56	3766337.50	0.00017c	(81110208)	365188.56	3766337.50	0.00016c (81110208)	
365208.56	3766337.50	0.00016c	(81110208)	364768.56	3766357.50	0.00017 (81030108)	
365208.56	3766357.50	0.00016c	(81110208)	364768.56	3766377.50	0.00015c (81123108)	
364788.56	3766377.50	0.00014c	(81123108)	364808.56	3766377.50	0.00016 (81030108)	
364828.56	3766377.50	0.00015 (81030108)		364848.56	3766377.50	0.00016 (81030108)	
365208.56	3766377.50	0.00017 (81032624)		364768.56	3766397.50	0.00014c (81123108)	
364788.56	3766397.50	0.00014c (81123108)		364808.56	3766397.50	0.00014c (81123108)	
364828.56	3766397.50	0.00015c (81123108)		364848.56	3766397.50	0.00015c (81123108)	
364868.56	3766397.50	0.00014c (81123108)		364888.56	3766397.50	0.00015c (81123108)	
364908.56	3766397.50	0.00014c (81010308)		364928.56	3766397.50	0.00015c (81010308)	
365208.56	3766397.50	0.00017 (81032624)		364768.56	3766417.50	0.00012c (81123108)	
364788.56	3766417.50	0.00013c (81123108)		364808.56	3766417.50	0.00013c (81123108)	
364828.56	3766417.50	0.00013c (81123108)		364848.56	3766417.50	0.00014c (81123108)	
364868.56	3766417.50	0.00014c (81123108)		364888.56	3766417.50	0.00014c (81123108)	
364908.56	3766417.50	0.00014c (81022324)		364928.56	3766417.50	0.00015c (81123108)	
364948.56	3766417.50	0.00014c (81022324)		364968.56	3766417.50	0.00014c (81090624)	
364988.56	3766417.50	0.00014c (81010308)		365008.56	3766417.50	0.00015c (81051924)	
365208.56	3766417.50	0.00016c (81122108)		364768.56	3766437.50	0.00011c (81123108)	
364788.56	3766437.50	0.00011c (81123108)		364808.56	3766437.50	0.00011c (81123108)	
364828.56	3766437.50	0.00011c (81123108)		364848.56	3766437.50	0.00012c (81123108)	
364868.56	3766437.50	0.00012c (81123108)		364888.56	3766437.50	0.00012c (81123108)	
364908.56	3766437.50	0.00013 (81030408)		364928.56	3766437.50	0.00013 (81030408)	
364948.56	3766437.50	0.00013c (81030324)		364968.56	3766437.50	0.00013 (81031524)	
364988.56	3766437.50	0.00014c (81032924)		365008.56	3766437.50	0.00014c (81090624)	
365028.56	3766437.50	0.00015c (81090624)		365048.56	3766437.50	0.00015c (81051924)	
365068.56	3766437.50	0.00017c (81051924)		365088.56	3766437.50	0.00016c (81051924)	
365188.56	3766437.50	0.00018c (81051924)		365208.56	3766437.50	0.00016c (81051924)	
364768.56	3766457.50	0.00009c (81123108)		364788.56	3766457.50	0.00009c (81123108)	
364808.56	3766457.50	0.00009c (81123108)		364828.56	3766457.50	0.00010c (81123108)	
364848.56	3766457.50	0.00010 (81030408)		364868.56	3766457.50	0.00010 (81030408)	
364888.56	3766457.50	0.00010 (81030408)		364908.56	3766457.50	0.00011 (81021424)	
364928.56	3766457.50	0.00011 (81021424)		364948.56	3766457.50	0.00012 (81021424)	
364968.56	3766457.50	0.00012 (81021424)		364988.56	3766457.50	0.00013 (81031524)	
365008.56	3766457.50	0.00013 (81031524)		365028.56	3766457.50	0.00014 (81031524)	
365048.56	3766457.50	0.00015 (81031524)		365068.56	3766457.50	0.00015c (81090624)	
365088.56	3766457.50	0.00015c (81090624)		365108.56	3766457.50	0.00016c (81090624)	
365128.56	3766457.50	0.00016c (81051924)		365148.56	3766457.50	0.00017c (81051924)	

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*** MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 30

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,
*** 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)
365168.56	3766457.50	0.00018c (81051924)		365188.56	3766457.50	0.00019c (81051924)	
365208.56	3766457.50	0.00017c (81051924)		364743.56	3766232.50	0.00011 (81030608)	
364768.56	3766232.50	0.00011 (81011208)		364793.56	3766232.50	0.00011 (81011208)	
364818.56	3766232.50	0.00012 (81011208)		364843.56	3766232.50	0.00012 (81011208)	
364868.56	3766232.50	0.00012 (81011208)		364893.56	3766232.50	0.00012 (81011208)	
364918.56	3766232.50	0.00011 (81011208)		364943.56	3766232.50	0.00011c (81122324)	
364968.56	3766232.50	0.00010c (81122324)		364993.56	3766232.50	0.00010c (81122324)	
365018.56	3766232.50	0.00009c (81122324)		365043.56	3766232.50	0.00009c (81101724)	
365068.56	3766232.50	0.00009c (81101724)		365093.56	3766232.50	0.00008c (81101724)	
365118.56	3766232.50	0.00008c (81101724)		365143.56	3766232.50	0.00008c (81101724)	
365168.56	3766232.50	0.00008c (81110208)		365193.56	3766232.50	0.00008c (81110208)	
365218.56	3766232.50	0.00008c (81110208)		365243.56	3766232.50	0.00007c (81110208)	
364743.56	3766257.50	0.00013 (81030608)		365218.56	3766257.50	0.00009c (81110208)	
365243.56	3766257.50	0.00009c (81110208)		364743.56	3766282.50	0.00015 (81030608)	
365218.56	3766282.50	0.00011c (81110208)		365243.56	3766282.50	0.00010c (81110208)	
364743.56	3766307.50	0.00017c (81012908)		365218.56	3766307.50	0.00013c (81110208)	
365243.56	3766307.50	0.00012c (81110208)		364743.56	3766332.50	0.00017 (81030108)	
365218.56	3766332.50	0.00016c (81110208)		365243.56	3766332.50	0.00015c (81110208)	
364743.56	3766357.50	0.00016 (81030108)		365218.56	3766357.50	0.00016c (81110208)	
365243.56	3766357.50	0.00016c (81110208)		364743.56	3766382.50	0.00014c (81123108)	
365218.56	3766382.50	0.00017c (81010624)		365243.56	3766382.50	0.00018 (81032624)	
364743.56	3766407.50	0.00012c (81123108)		365218.56	3766407.50	0.00016 (81032624)	
365243.56	3766407.50	0.00018 (81032624)		364743.56	3766432.50	0.00010c (81123108)	
365218.56	3766432.50	0.00016c (81051924)		365243.56	3766432.50	0.00016c (81122108)	
364743.56	3766457.50	0.00009c (81123108)		365218.56	3766457.50	0.00019c (81051924)	

Cograd.POU.txt
365243.56 3766457.50 0.00016c (81051924) 364743.56 3766482.50 0.00007c (81123108)
364768.56 3766482.50 0.00008c (81123108) 364793.56 3766482.50 0.00008c (81123108)
364818.56 3766482.50 0.00008 (81030408) 364843.56 3766482.50 0.00008 (81030408)
364868.56 3766482.50 0.00008 (81030408) 364893.56 3766482.50 0.00009 (81021424)
364918.56 3766482.50 0.00009 (81021424) 364943.56 3766482.50 0.00010 (81021424)
364968.56 3766482.50 0.00010 (81021424) 364993.56 3766482.50 0.00010 (81021424)
365018.56 3766482.50 0.00011 (81031524) 365043.56 3766482.50 0.00012 (81031524)
365068.56 3766482.50 0.00013 (81031524) 365093.56 3766482.50 0.00013 (81031524)
365118.56 3766482.50 0.00014c (81090624) 365143.56 3766482.50 0.00014c (81090624)
365168.56 3766482.50 0.00016c (81090624) 365193.56 3766482.50 0.00016c (81051924)
365218.56 3766482.50 0.00017c (81051924) 365243.56 3766482.50 0.00016c (81051924)
364718.56 3766207.50 0.00008 (81030608) 364768.56 3766207.50 0.00009 (81011208)
364818.56 3766207.50 0.00009 (81011208) 364868.56 3766207.50 0.00009 (81011208)
364918.56 3766207.50 0.00009 (81011208) 364968.56 3766207.50 0.00008c (81122324)
365018.56 3766207.50 0.00008c (81101508) 365068.56 3766207.50 0.00008c (81101724)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** 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)
365118.56	3766207.50	0.00007c	(81101724)	365168.56	3766207.50	0.00007c	(81101724)
365218.56	3766207.50	0.00006c	(81110208)	365268.56	3766207.50	0.00006c	(81110208)
364718.56	3766257.50	0.00011	(81030608)	365268.56	3766257.50	0.00008c	(81110208)
364718.56	3766307.50	0.00014c	(81012908)	365268.56	3766307.50	0.00011c	(81110208)
364718.56	3766357.50	0.00015	(81030108)	365268.56	3766357.50	0.00013c	(81050908)
364718.56	3766407.50	0.00011c	(81123108)	365268.56	3766407.50	0.00015	(81032624)
364718.56	3766457.50	0.00008c	(81123108)	365268.56	3766457.50	0.00013c	(81051924)
364718.56	3766507.50	0.00006c	(81123108)	364768.56	3766507.50	0.00006c	(81123108)
364818.56	3766507.50	0.00007	(81030408)	364868.56	3766507.50	0.00007	(81030408)
364918.56	3766507.50	0.00008	(81021424)	364968.56	3766507.50	0.00009	(81021424)
365018.56	3766507.50	0.00009	(81031524)	365068.56	3766507.50	0.00010	(81031524)
365118.56	3766507.50	0.00011c	(81032924)	365168.56	3766507.50	0.00012c	(81090624)
365218.56	3766507.50	0.00014c	(81090624)	365268.56	3766507.50	0.00012c	(81051924)
364668.56	3766157.50	0.00006	(81011208)	364743.56	3766157.50	0.00006	(81011208)
364818.56	3766157.50	0.00006	(81011208)	364893.56	3766157.50	0.00006	(81122224)
364968.56	3766157.50	0.00006	(81122224)	365043.56	3766157.50	0.00006c	(81101508)
365118.56	3766157.50	0.00006c	(81101508)	365193.56	3766157.50	0.00005c	(81101724)
365268.56	3766157.50	0.00005	(81011224)	365343.56	3766157.50	0.00004c	(81110208)
364668.56	3766232.50	0.00008	(81030608)	365268.56	3766232.50	0.00007c	(81110208)
365343.56	3766232.50	0.00006c	(81110208)	364668.56	3766307.50	0.00011c	(81012908)
365268.56	3766307.50	0.00011c	(81110208)	365343.56	3766307.50	0.00008c	(81110208)
364668.56	3766382.50	0.00010	(81030108)	365268.56	3766382.50	0.00015	(81032624)
365343.56	3766382.50	0.00010	(81032624)	364668.56	3766457.50	0.00007c	(81123108)
365268.56	3766457.50	0.00013c	(81051924)	365343.56	3766457.50	0.00008c	(81122108)
364668.56	3766532.50	0.00005c	(81123108)	364743.56	3766532.50	0.00006c	(81102108)
364818.56	3766532.50	0.00006c	(81102108)	364893.56	3766532.50	0.00006	(81021424)
364968.56	3766532.50	0.00007	(81021424)	365043.56	3766532.50	0.00008	(81031524)
365118.56	3766532.50	0.00009c	(81032924)	365193.56	3766532.50	0.00011c	(81032924)
365268.56	3766532.50	0.00010c	(81101108)	365343.56	3766532.50	0.00008c	(81031424)
364568.56	3766057.50	0.00004	(81011208)	364668.56	3766057.50	0.00004	(81011208)
364768.56	3766057.50	0.00003	(81011208)	364868.56	3766057.50	0.00003	(81020808)
364968.56	3766057.50	0.00004	(81122224)	365068.56	3766057.50	0.00004	(81122224)
365168.56	3766057.50	0.00004	(81122224)	365268.56	3766057.50	0.00004	(81103008)
365368.56	3766057.50	0.00003c	(81100508)	364568.56	3766157.50	0.00004	(81030608)
365368.56	3766157.50	0.00004c	(81080308)	364568.56	3766257.50	0.00006c	(81012908)
365368.56	3766257.50	0.00006c	(81110208)	364568.56	3766357.50	0.00008	(81030108)
365368.56	3766357.50	0.00008	(81032624)	364568.56	3766457.50	0.00005c	(81123108)
365368.56	3766457.50	0.00007c	(81122108)	364568.56	3766557.50	0.00004c	(81123108)
365368.56	3766557.50	0.00007c	(81101108)	364568.56	3766657.50	0.00003c	(81102108)
364668.56	3766557.50	0.00003c	(81102108)	364768.56	3766657.50	0.00003c	(81112424)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** 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)
364868.56	3766657.50	0.00003c	(81112424)	364968.56	3766657.50	0.00004c	(81021408)
365068.56	3766657.50	0.00004	(81021424)	365168.56	3766657.50	0.00005c	(81050224)
365268.56	3766657.50	0.00006c	(81050224)	365368.56	3766657.50	0.00005c	(81090624)
364268.56	3765757.50	0.00002	(81011208)	364393.56	3765757.50	0.00002	(81011208)
364518.56	3765757.50	0.00001	(81011208)	364643.56	3765757.50	0.00001	(81020808)
364768.56	3765757.50	0.00002	(81020808)	364893.56	3765757.50	0.00002	(81020808)
365018.56	3765757.50	0.00002	(81122224)	365143.56	3765757.50	0.00002	(81122224)
365268.56	3765757.50	0.00002	(81103008)	365393.56	3765757.50	0.00002	(81103008)
365518.56	3765757.50	0.00002c	(81100508)	365643.56	3765757.50	0.00002c	(81122324)
365768.56	3765757.50	0.00001c	(81122324)	364268.56	3765882.50	0.00002	(81030608)
364393.56	3765882.50	0.00002	(81011208)	364518.56	3765882.50	0.00002	(81011208)
364643.56	3765882.50	0.00002	(81011208)	364768.56	3765882.50	0.00002	(81020808)
364893.56	3765882.50	0.00002	(81020808)	365018.56	3765882.50	0.00003	(81122224)
365143.56	3765882.50	0.00003	(81122224)	365268.56	3765882.50	0.00003	(81103008)
365393.56	3765882.50	0.00002c	(81100508)	365518.56	3765882.50	0.00002c	(81100508)
365643.56	3765882.50	0.00002c	(81122324)	365768.56	3765882.50	0.00001c	(81110208)
364268.56	3766007.50	0.00002c	(81112924)	364393.56	3766007.50	0.00002	(81030608)
364518.56	3766007.50	0.00003	(81011208)	364643.56	3766007.50	0.00003	(81011208)
364768.56	3766007.50	0.00003	(81020808)	364893.56	3766007.50	0.00003	(81020808)
365018.56	3766007.50	0.00004	(81122224)	365143.56	3766007.50	0.00004	(81122224)
365268.56	3766007.50	0.00003	(81103008)	365393.56	3766007.50	0.00003c	(81100508)
365518.56	3766007.50	0.00002c	(81080308)	365643.56	3766007.50	0.00002c	(81110208)
365768.56	3766007.50	0.00002c	(81110208)	364268.56	3766132.50	0.00002	(81030208)
364393.56	3766132.50	0.00002c	(81112924)	364518.56	3766132.50	0.00003	(81030608)
365518.56	3766132.50	0.00003c	(81110208)	365643.56	3766132.50	0.00002c	(81110208)
365768.56	3766132.50	0.00002c	(81110208)	364268.56	3766257.50	0.00003	(81012908)
364393.56	3766257.50	0.00004c	(81012908)	364518.56	3766257.50	0.00005c	(81012908)
365518.56	3766257.50	0.00004c	(81110208)	365643.56	3766257.50	0.00003c	(81071808)
365768.56	3766257.50	0.00002c	(81071808)	364268.56	3766382.50	0.00003	(81030108)
364393.56	3766382.50	0.00004	(81030108)	364518.56	3766382.50	0.00006	(81030108)
365518.56	3766382.50	0.00006	(81032624)	365643.56	3766382.50	0.00004	(81032624)

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365768.56 3766382.50 0.00003 (81032624) 364268.56 3766507.50 0.00002 (81030108)
364393.56 3766507.50 0.00003c (81123108) 364518.56 3766507.50 0.00004c (81123108)
365518.56 3766507.50 0.00004c (81020424) 365643.56 3766507.50 0.00003c (81012608)
365768.56 3766507.50 0.00002c (81122108) 364268.56 3766632.50 0.00002c (81123108)
364393.56 3766632.50 0.00002c (81083108) 364518.56 3766632.50 0.00003c (81102108)
365518.56 3766632.50 0.00004c (81031424) 365643.56 3766632.50 0.00003c (81031424)
365768.56 3766632.50 0.00002c (81020424) 364268.56 3766757.50 0.00002c (81081108)
364393.56 3766757.50 0.00002c (81081108) 364518.56 3766757.50 0.00002c (81102108)
364643.56 3766757.50 0.00002c (81102108) 364768.56 3766757.50 0.00002c (81112424)
1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** 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)
364893.56	3766757.50	0.00002c	(81021408)	365018.56	3766757.50	0.00003c	(81021408)
365143.56	3766757.50	0.00003c	(81050224)	365268.56	3766757.50	0.00004c	(81050224)
365393.56	3766757.50	0.00004c	(81050224)	365518.56	3766757.50	0.00003c	(81080824)
365643.56	3766757.50	0.00003c	(81101108)	365768.56	3766757.50	0.00002c	(81031424)
364268.56	3766882.50	0.00002c	(81081108)	364393.56	3766882.50	0.00001c	(81081108)
364518.56	3766882.50	0.00001c	(81102108)	364643.56	3766882.50	0.00001	(81021724)
364768.56	3766882.50	0.00002	(81021724)	364893.56	3766882.50	0.00002c	(81121708)
365018.56	3766882.50	0.00002c	(81020308)	365143.56	3766882.50	0.00002c	(81020308)
365268.56	3766882.50	0.00003c	(81050224)	365393.56	3766882.50	0.00003c	(81050224)
365518.56	3766882.50	0.00002c	(81032924)	365643.56	3766882.50	0.00002c	(81080824)
365768.56	3766882.50	0.00002c	(81080824)	364268.56	3767007.50	0.00001c	(81081108)
364393.56	3767007.50	0.00001c	(81102108)	364518.56	3767007.50	0.00001	(81021724)
364643.56	3767007.50	0.00001	(81021724)	364768.56	3767007.50	0.00001c	(81021724)
364893.56	3767007.50	0.00001c	(81121708)	365018.56	3767007.50	0.00002c	(81020308)
365143.56	3767007.50	0.00002c	(81020308)	365268.56	3767007.50	0.00002c	(81032824)
365393.56	3767007.50	0.00002c	(81050224)	365518.56	3767007.50	0.00002c	(81050224)
365643.56	3767007.50	0.00002c	(81032924)	365768.56	3767007.50	0.00002c	(81080824)
364787.78	3766259.50	0.00013	(81030608)	365206.84	3766357.75	0.00016c	(81110208)
365180.28	3766456.25	0.00019c	(81051924)	364769.34	3766358.25	0.00017	(81030108)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.00007 AT (365068.56, 3766437.50, 0.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.00007 AT (365008.56, 3766417.50, 0.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.00006 AT (365028.56, 3766437.50, 0.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00006 AT (364928.56, 3766397.50, 0.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00006 AT (365048.56, 3766437.50, 0.00, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00006 AT (364988.56, 3766417.50, 0.00, 0.00)	DC	NA

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

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.00030 ON 81111020:	AT (364743.56, 3766307.50, 0.00, 0.00)	DC	NA

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

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

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

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.00019c ON 81051924:	AT (365218.56, 3766457.50, 0.00, 0.00)	DC	NA

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

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DFAULT Cograd.POU.txt

*** Message Summary : ISC3P Model Execution ***

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

A Total of	0	Fatal Error Message(s)
A Total of	0	Warning Message(s)
A Total of	1673	Informational Message(s)
A Total of	1673	Calm Hours Identified

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

***** WARNING MESSAGES *****
*** NONE ***

*** ISC3P Finishes Successfully ***

NO2

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**
*****
**
** ISC-PRIME Input Produced by:
** AERMOD View Ver. 6.0.0
** Lakes Environmental Software Inc.
** Date: 8/31/2009
** File: C:\AERMOD Projects\EXPO\Expo LST\ISC3 runs\Grading\NOx\NOxGrad.PIN
**
*****
**
**
*****
** ISC-PRIME Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc
  MODELOPT DFAULT CONC URBAN
  AVERTIME 1 ANNUAL
  POLLUTID NOX
  TERRHGTs FLAT
  RUNORNOT RUN
CO FINISHED
**
*****
** ISC-PRIME Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE1
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.84E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364785.07, 3766272.26, 0.00, 5.00, 0.0
** 365204.52, 3766371.86, 0.00, 5.00, 17.38
** -----
** LOCATION L0009093 VOLUME 364794.793 3766274.558
** LOCATION L0009094 VOLUME 364831.157 3766283.184
** LOCATION L0009095 VOLUME 364867.521 3766291.810
** LOCATION L0009096 VOLUME 364903.886 3766300.435
** LOCATION L0009097 VOLUME 364940.250 3766309.061
** LOCATION L0009098 VOLUME 364976.615 3766317.687
** LOCATION L0009099 VOLUME 365012.979 3766326.313
** LOCATION L0009100 VOLUME 365049.344 3766334.939
** LOCATION L0009101 VOLUME 365085.708 3766343.565
** LOCATION L0009102 VOLUME 365122.072 3766352.190
** LOCATION L0009103 VOLUME 365158.437 3766360.816
** LOCATION L0009104 VOLUME 365194.801 3766369.442
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE2
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.84E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364781.36, 3766292.87, 0.00, 5.00, 0.0
** 365201.75, 3766392.48, 0.00, 5.00, 17.42
** -----
** LOCATION L0009105 VOLUME 364791.105 3766295.059
** LOCATION L0009106 VOLUME 364827.552 3766303.707
** LOCATION L0009107 VOLUME 364863.999 3766312.356
** LOCATION L0009108 VOLUME 364900.445 3766321.004
** LOCATION L0009109 VOLUME 364936.892 3766329.652
** LOCATION L0009110 VOLUME 364973.339 3766338.301
** LOCATION L0009111 VOLUME 365009.786 3766346.949
** LOCATION L0009112 VOLUME 365046.233 3766355.598
** LOCATION L0009113 VOLUME 365082.680 3766364.246
** LOCATION L0009114 VOLUME 365119.126 3766372.894
** LOCATION L0009115 VOLUME 365155.573 3766381.543
** LOCATION L0009116 VOLUME 365192.020 3766390.191
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE3
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.84E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364778.52, 3766312.48, 0.00, 5.00, 0.0
** 365197.51, 3766411.14, 0.00, 5.00, 17.36
** -----
** LOCATION L0009117 VOLUME 364788.265 3766314.794
** LOCATION L0009118 VOLUME 364824.583 3766323.354
** LOCATION L0009119 VOLUME 364860.901 3766331.914
** LOCATION L0009120 VOLUME 364897.220 3766340.475
** LOCATION L0009121 VOLUME 364933.538 3766349.035
** LOCATION L0009122 VOLUME 364969.856 3766357.595
** LOCATION L0009123 VOLUME 365006.175 3766366.155
** LOCATION L0009124 VOLUME 365042.493 3766374.715
** LOCATION L0009125 VOLUME 365078.812 3766383.275
** LOCATION L0009126 VOLUME 365115.130 3766391.836
** LOCATION L0009127 VOLUME 365151.448 3766400.396
** LOCATION L0009128 VOLUME 365187.767 3766408.956
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE4
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.84E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2

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** 364774.31, 3766331.61, 0.00, 5.00, 0.0
** 365193.30, 3766430.75, 0.00, 5.00, 17.36
**
LOCATION L0009129 VOLUME 364784.043 3766333.805
LOCATION L0009130 VOLUME 364820.362 3766342.409
LOCATION L0009131 VOLUME 364856.681 3766351.012
LOCATION L0009132 VOLUME 364893.000 3766359.616
LOCATION L0009133 VOLUME 364929.319 3766368.220
LOCATION L0009134 VOLUME 364965.637 3766376.823
LOCATION L0009135 VOLUME 365001.956 3766385.427
LOCATION L0009136 VOLUME 365038.275 3766394.030
LOCATION L0009137 VOLUME 365074.594 3766402.634
LOCATION L0009138 VOLUME 365110.913 3766411.238
LOCATION L0009139 VOLUME 365147.232 3766419.841
LOCATION L0009140 VOLUME 365183.551 3766428.445
** End of Line Source
** Line Source represented by Separated Volume Sources
**
LINE Source ID = SLINES
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.84E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364771.54, 3766348.80, 0.00, 5.00, 0.0
** 365190.53, 3766448.40, 0.00, 5.00, 17.37
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LOCATION L0009141 VOLUME 364781.259 3766351.066
LOCATION L0009142 VOLUME 364817.582 3766359.713
LOCATION L0009143 VOLUME 364853.904 3766368.360
LOCATION L0009144 VOLUME 364890.226 3766377.007
LOCATION L0009145 VOLUME 364926.548 3766385.654
LOCATION L0009146 VOLUME 364962.870 3766394.301
LOCATION L0009147 VOLUME 364999.192 3766402.949
LOCATION L0009148 VOLUME 365035.514 3766411.596
LOCATION L0009149 VOLUME 365071.837 3766420.243
LOCATION L0009150 VOLUME 365108.159 3766428.890
LOCATION L0009151 VOLUME 365144.481 3766437.537
LOCATION L0009152 VOLUME 365180.803 3766446.184
** End of Line Source
** Source Parameters **
SRCPARAM L0009093 2.3667E-08 5.00 17.38 2.33
SRCPARAM L0009094 2.3667E-08 5.00 17.38 2.33
SRCPARAM L0009095 2.3667E-08 5.00 17.38 2.33
SRCPARAM L0009096 2.3667E-08 5.00 17.38 2.33
SRCPARAM L0009097 2.3667E-08 5.00 17.38 2.33
SRCPARAM L0009098 2.3667E-08 5.00 17.38 2.33
SRCPARAM L0009099 2.3667E-08 5.00 17.38 2.33
SRCPARAM L0009100 2.3667E-08 5.00 17.38 2.33
SRCPARAM L0009101 2.3667E-08 5.00 17.38 2.33
SRCPARAM L0009102 2.3667E-08 5.00 17.38 2.33
SRCPARAM L0009103 2.3667E-08 5.00 17.38 2.33
SRCPARAM L0009104 2.3667E-08 5.00 17.38 2.33
SRCPARAM L0009105 2.3667E-08 5.00 17.42 2.33
SRCPARAM L0009106 2.3667E-08 5.00 17.42 2.33
SRCPARAM L0009107 2.3667E-08 5.00 17.42 2.33
SRCPARAM L0009108 2.3667E-08 5.00 17.42 2.33
SRCPARAM L0009109 2.3667E-08 5.00 17.42 2.33
SRCPARAM L0009110 2.3667E-08 5.00 17.42 2.33
SRCPARAM L0009111 2.3667E-08 5.00 17.42 2.33
SRCPARAM L0009112 2.3667E-08 5.00 17.42 2.33
SRCPARAM L0009113 2.3667E-08 5.00 17.42 2.33
SRCPARAM L0009114 2.3667E-08 5.00 17.42 2.33
SRCPARAM L0009115 2.3667E-08 5.00 17.42 2.33
SRCPARAM L0009116 2.3667E-08 5.00 17.42 2.33
SRCPARAM L0009117 2.3667E-08 5.00 17.36 2.33
SRCPARAM L0009118 2.3667E-08 5.00 17.36 2.33
SRCPARAM L0009119 2.3667E-08 5.00 17.36 2.33
SRCPARAM L0009120 2.3667E-08 5.00 17.36 2.33
SRCPARAM L0009121 2.3667E-08 5.00 17.36 2.33
SRCPARAM L0009122 2.3667E-08 5.00 17.36 2.33
SRCPARAM L0009123 2.3667E-08 5.00 17.36 2.33
SRCPARAM L0009124 2.3667E-08 5.00 17.36 2.33
SRCPARAM L0009125 2.3667E-08 5.00 17.36 2.33
SRCPARAM L0009126 2.3667E-08 5.00 17.36 2.33
SRCPARAM L0009127 2.3667E-08 5.00 17.36 2.33
SRCPARAM L0009128 2.3667E-08 5.00 17.36 2.33
SRCPARAM L0009129 2.3667E-08 5.00 17.36 2.33
SRCPARAM L0009130 2.3667E-08 5.00 17.36 2.33
SRCPARAM L0009131 2.3667E-08 5.00 17.36 2.33
SRCPARAM L0009132 2.3667E-08 5.00 17.36 2.33
SRCPARAM L0009133 2.3667E-08 5.00 17.36 2.33
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SRCPARAM L0009143 2.3667E-08 5.00 17.37 2.33
SRCPARAM L0009144 2.3667E-08 5.00 17.37 2.33
SRCPARAM L0009145 2.3667E-08 5.00 17.37 2.33
SRCPARAM L0009146 2.3667E-08 5.00 17.37 2.33
SRCPARAM L0009147 2.3667E-08 5.00 17.37 2.33
SRCPARAM L0009148 2.3667E-08 5.00 17.37 2.33
SRCPARAM L0009149 2.3667E-08 5.00 17.37 2.33
SRCPARAM L0009150 2.3667E-08 5.00 17.37 2.33
SRCPARAM L0009151 2.3667E-08 5.00 17.37 2.33
SRCPARAM L0009152 2.3667E-08 5.00 17.37 2.33
SRCGROUP ALL
SO FINISHED

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**
*****

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** ISC-PRIME Receptor Pathway
*****

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**
RE STARTING
** DESCRREC "Res" "Residential"
DISCCART 365195.56 3766329.20
DISCCART 365046.70 3766293.15
DISCCART 364925.03 3766265.02
DISCCART 364810.05 3766234.54
DISCCART 365230.92 3766352.80
DISCCART 365358.03 3766388.07

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DISCCART 365384.34 3766356.86
DISCCART 365410.66 3766309.74
DISCCART 365214.23 3766258.34
DISCCART 365061.86 3766221.01
DISCCART 364950.49 3766192.86
DISCCART 364851.97 3766170.22
DISCCART 364936.41 3766071.09
DISCCART 365000.67 3766093.73
DISCCART 365093.68 3766116.99
DISCCART 365250.94 3766158.60
DISCCART 365455.33 3766211.83
** BEGIN OF NESTED GRID RECEPTORS

** Nested Grid ID = NSTD2
** Grid Count = 5
** Receptor Count = 417
** X Origin of Bounding Box = 364768.57
** Y Origin of Bounding Box = 3766257.55
** X Size of Bounding Box = 440.00
** Y Size of Bounding Box = 200.00
** Grid #1: Distance from Bounding Box = 25.00 Spacing = 25.00
** Grid #2: Distance from Bounding Box = 50.00 Spacing = 50.00
** Grid #3: Distance from Bounding Box = 100.00 Spacing = 75.00
** Grid #4: Distance from Bounding Box = 200.00 Spacing = 100.00
** Grid #5: Distance from Bounding Box = 500.00 Spacing = 125.00
DISCCART 364768.57 3766257.55
DISCCART 364788.57 3766257.55
DISCCART 364808.57 3766257.55
DISCCART 364828.57 3766257.55
DISCCART 364848.57 3766257.55
DISCCART 364868.57 3766257.55
DISCCART 364888.57 3766257.55
DISCCART 364908.57 3766257.55
DISCCART 364928.57 3766257.55
DISCCART 364948.57 3766257.55
DISCCART 364968.57 3766257.55
DISCCART 364988.57 3766257.55
DISCCART 365008.57 3766257.55
DISCCART 365028.57 3766257.55
DISCCART 365048.57 3766257.55
DISCCART 365068.57 3766257.55
DISCCART 365088.57 3766257.55
DISCCART 365108.57 3766257.55
DISCCART 365128.57 3766257.55
DISCCART 365148.57 3766257.55
DISCCART 365168.57 3766257.55
DISCCART 365188.57 3766257.55
DISCCART 365208.57 3766257.55
DISCCART 364768.57 3766277.55
DISCCART 364868.57 3766277.55
DISCCART 364888.57 3766277.55
DISCCART 364908.57 3766277.55
DISCCART 364928.57 3766277.55
DISCCART 364948.57 3766277.55
DISCCART 364968.57 3766277.55
DISCCART 364988.57 3766277.55
DISCCART 365008.57 3766277.55
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DISCCART 365048.57 3766277.55
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DISCCART 365108.57 3766277.55
DISCCART 365128.57 3766277.55
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DISCCART 365168.57 3766277.55
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DISCCART 365208.57 3766277.55
DISCCART 364768.57 3766297.55
DISCCART 364968.57 3766297.55
DISCCART 364988.57 3766297.55
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DISCCART 365168.57 3766297.55
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DISCCART 365048.57 3766317.55
DISCCART 365068.57 3766317.55
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DISCCART 365128.57 3766317.55
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DISCCART 365168.57 3766317.55
DISCCART 365188.57 3766317.55
DISCCART 365208.57 3766317.55
DISCCART 364768.57 3766337.55
DISCCART 365128.57 3766337.55
DISCCART 365148.57 3766337.55
DISCCART 365168.57 3766337.55
DISCCART 365188.57 3766337.55
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DISCCART 365208.57 3766357.55
DISCCART 364768.57 3766377.55
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DISCCART 364788.57 3766417.55
DISCCART 364808.57 3766417.55

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DISCCART	365268.57	3766457.55
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DISCCART	365018.57	3766507.55
DISCCART	365068.57	3766507.55
DISCCART	365118.57	3766507.55
DISCCART	365168.57	3766507.55
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DISCCART	364893.57	3766157.55
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DISCCART	365193.57	3766157.55
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DISCCART	365343.57	3766157.55
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DISCCART	365268.57	3766307.55
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DISCCART	364893.57	3766532.55
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DISCCART	365043.57	3766532.55
DISCCART	365118.57	3766532.55
DISCCART	365193.57	3766532.55
DISCCART	365268.57	3766532.55
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DISCCART	365068.57	3766657.55
DISCCART	365168.57	3766657.55
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DISCCART	364393.57	3765757.55
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DISCCART	364643.57	3765757.55
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DISCCART	364893.57	3765757.55
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DISCCART	364268.57	3765882.55
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DISCCART	364643.57	3765882.55
DISCCART	364768.57	3765882.55
DISCCART	364893.57	3765882.55
DISCCART	365018.57	3765882.55

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DISCCART 365143.57 3765882.55
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DISCCART 365643.57 3765882.55
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DISCCART 364268.57 3767007.55
DISCCART 364393.57 3767007.55
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DISCCART 365143.57 3767007.55
DISCCART 365268.57 3767007.55
DISCCART 365393.57 3767007.55
DISCCART 365518.57 3767007.55
DISCCART 365643.57 3767007.55
DISCCART 365768.57 3767007.55
** -----
** END OF NESTED GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name SITE
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART 364787.78 3766259.45
DISCCART 365206.82 3766357.85
DISCCART 365180.28 3766456.25
DISCCART 364769.34 3766358.20
RE FINISHED
**
*****
** ISC-PRIME Meteorology Pathway
*****
**
**
ME STARTING
INPUTFIL C:\AERMOD~1\METDAT~1\WESTLA.ASC
ANEMHGH 97 METERS
SURFDATA 52158 1981
UAIRDATA 91919 1981
ME FINISHED
**
*****
** ISC-PRIME Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST

```

RECTABLE 1 1ST
 ** Auto-Generated Plotfiles
 PLOTFILE 1 ALL 1ST NOXGRAD.PR\01H1GALL.PLT
 PLOTFILE ANNUAL ALL NOXGRAD.PR\AN00GALL.PLT
 OU FINISHED

 *** SETUP Finishes Successfully ***

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC URBAN FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 60 Source(s); 1 Source Group(s); and 438 Receptor(s)

**The Model Assumes A Pollutant Type of: NOX

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

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor
 Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
 Model Outputs External File(s) of High values for Plotting (PLOTFILE Keyword)

**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: Anem. Hgt. (m) = 97.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

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**MODELOPTS: CONC URBAN FLAT DFAULT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0009093	0	0.23667E-07	364794.8	3766274.5	0.0	5.00	17.38	2.33	
L0009094	0	0.23667E-07	364831.2	3766283.0	0.0	5.00	17.38	2.33	
L0009095	0	0.23667E-07	364867.5	3766291.8	0.0	5.00	17.38	2.33	
L0009096	0	0.23667E-07	364903.9	3766300.5	0.0	5.00	17.38	2.33	
L0009097	0	0.23667E-07	364940.2	3766309.0	0.0	5.00	17.38	2.33	
L0009098	0	0.23667E-07	364976.6	3766317.5	0.0	5.00	17.38	2.33	
L0009099	0	0.23667E-07	365013.0	3766326.2	0.0	5.00	17.38	2.33	
L0009100	0	0.23667E-07	365049.3	3766335.0	0.0	5.00	17.38	2.33	
L0009101	0	0.23667E-07	365085.7	3766343.5	0.0	5.00	17.38	2.33	
L0009102	0	0.23667E-07	365122.1	3766352.0	0.0	5.00	17.38	2.33	
L0009103	0	0.23667E-07	365158.4	3766360.8	0.0	5.00	17.38	2.33	
L0009104	0	0.23667E-07	365194.8	3766369.5	0.0	5.00	17.38	2.33	
L0009105	0	0.23667E-07	364791.1	3766295.0	0.0	5.00	17.42	2.33	
L0009106	0	0.23667E-07	364827.6	3766303.8	0.0	5.00	17.42	2.33	
L0009107	0	0.23667E-07	364864.0	3766312.2	0.0	5.00	17.42	2.33	
L0009108	0	0.23667E-07	364900.4	3766321.0	0.0	5.00	17.42	2.33	
L0009109	0	0.23667E-07	364936.9	3766329.5	0.0	5.00	17.42	2.33	
L0009110	0	0.23667E-07	364973.3	3766338.2	0.0	5.00	17.42	2.33	
L0009111	0	0.23667E-07	365009.8	3766347.0	0.0	5.00	17.42	2.33	
L0009112	0	0.23667E-07	365046.2	3766355.5	0.0	5.00	17.42	2.33	
L0009113	0	0.23667E-07	365082.7	3766364.2	0.0	5.00	17.42	2.33	
L0009114	0	0.23667E-07	365119.1	3766372.8	0.0	5.00	17.42	2.33	
L0009115	0	0.23667E-07	365155.6	3766381.5	0.0	5.00	17.42	2.33	
L0009116	0	0.23667E-07	365192.0	3766390.0	0.0	5.00	17.42	2.33	
L0009117	0	0.23667E-07	364788.2	3766314.8	0.0	5.00	17.36	2.33	
L0009118	0	0.23667E-07	364824.6	3766323.2	0.0	5.00	17.36	2.33	
L0009119	0	0.23667E-07	364860.9	3766332.0	0.0	5.00	17.36	2.33	
L0009120	0	0.23667E-07	364897.2	3766340.5	0.0	5.00	17.36	2.33	
L0009121	0	0.23667E-07	364933.5	3766349.0	0.0	5.00	17.36	2.33	
L0009122	0	0.23667E-07	364969.9	3766357.5	0.0	5.00	17.36	2.33	
L0009123	0	0.23667E-07	365006.2	3766366.0	0.0	5.00	17.36	2.33	
L0009124	0	0.23667E-07	365042.5	3766374.8	0.0	5.00	17.36	2.33	
L0009125	0	0.23667E-07	365078.8	3766383.2	0.0	5.00	17.36	2.33	
L0009126	0	0.23667E-07	365115.1	3766391.8	0.0	5.00	17.36	2.33	
L0009127	0	0.23667E-07	365151.4	3766400.2	0.0	5.00	17.36	2.33	
L0009128	0	0.23667E-07	365187.8	3766409.0	0.0	5.00	17.36	2.33	
L0009129	0	0.23667E-07	364784.0	3766333.8	0.0	5.00	17.36	2.33	


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                                NOxGrad.POU.txt
L0009130      0  0.23667E-07 364820.4 3766342.5    0.0    5.00    17.36    2.33
L0009131      0  0.23667E-07 364856.7 3766351.0    0.0    5.00    17.36    2.33
L0009132      0  0.23667E-07 364893.0 3766359.5    0.0    5.00    17.36    2.33
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
***

**MODELOPTS: CONC                URBAN  FLAT                DEFAULT                PAGE    3

                                *** VOLUME SOURCE DATA ***

SOURCE  NUMBER  EMISSION RATE  X      Y      BASE  RELEASE  INIT.  INIT.  EMISSION RATE
ID      PART.   (GRAMS/SEC)    (METERS) (METERS) (METERS) (METERS) (METERS) (METERS)  SCALAR VARY
-----
L0009133      0  0.23667E-07 364929.3 3766368.2    0.0    5.00    17.36    2.33
L0009134      0  0.23667E-07 364965.6 3766376.8    0.0    5.00    17.36    2.33
L0009135      0  0.23667E-07 365002.0 3766385.5    0.0    5.00    17.36    2.33
L0009136      0  0.23667E-07 365038.2 3766394.0    0.0    5.00    17.36    2.33
L0009137      0  0.23667E-07 365074.6 3766402.5    0.0    5.00    17.36    2.33
L0009138      0  0.23667E-07 365110.9 3766411.2    0.0    5.00    17.36    2.33
L0009139      0  0.23667E-07 365147.2 3766419.8    0.0    5.00    17.36    2.33
L0009140      0  0.23667E-07 365183.6 3766428.5    0.0    5.00    17.36    2.33
L0009141      0  0.23667E-07 364781.2 3766351.0    0.0    5.00    17.37    2.33
L0009142      0  0.23667E-07 364817.6 3766359.8    0.0    5.00    17.37    2.33
L0009143      0  0.23667E-07 364853.9 3766368.2    0.0    5.00    17.37    2.33
L0009144      0  0.23667E-07 364890.2 3766377.0    0.0    5.00    17.37    2.33
L0009145      0  0.23667E-07 364926.5 3766385.5    0.0    5.00    17.37    2.33
L0009146      0  0.23667E-07 364962.9 3766394.2    0.0    5.00    17.37    2.33
L0009147      0  0.23667E-07 364999.2 3766403.0    0.0    5.00    17.37    2.33
L0009148      0  0.23667E-07 365035.5 3766411.5    0.0    5.00    17.37    2.33
L0009149      0  0.23667E-07 365071.8 3766420.2    0.0    5.00    17.37    2.33
L0009150      0  0.23667E-07 365108.2 3766428.8    0.0    5.00    17.37    2.33
L0009151      0  0.23667E-07 365144.5 3766437.5    0.0    5.00    17.37    2.33
L0009152      0  0.23667E-07 365180.8 3766446.0    0.0    5.00    17.37    2.33
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
***

**MODELOPTS: CONC                URBAN  FLAT                DEFAULT                PAGE    4

                                *** SOURCE IDS DEFINING SOURCE GROUPS ***

GROUP ID                SOURCE IDS

ALL      L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099, L0009100, L0009101, L0009102, L0009103, L0009104,
L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111, L0009112, L0009113, L0009114, L0009115, L0009116,
L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, L0009123, L0009124, L0009125, L0009126, L0009127, L0009128,
L0009129, L0009130, L0009131, L0009132, L0009133, L0009134, L0009135, L0009136, L0009137, L0009138, L0009139, L0009140,
L0009141, L0009142, L0009143, L0009144, L0009145, L0009146, L0009147, L0009148, L0009149, L0009150, L0009151, L0009152,
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
***

**MODELOPTS: CONC                URBAN  FLAT                DEFAULT                PAGE    5

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

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC                URBAN  FLAT                DEFAULT                PAGE    6

                                Page 8
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

```

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1 *** I3CP3 - VERSION 04269 *** ** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

```

DEFAULT

PAGE 7

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

365168.6	3766232.5	0.0	0.0	365193.6	3766232.5	0.0	0.0
365218.6	3766232.5	0.0	0.0	365243.6	3766232.5	0.0	0.0
364743.6	3766257.5	0.0	0.0	365218.6	3766257.5	0.0	0.0
365243.6	3766257.5	0.0	0.0	364743.6	3766282.5	0.0	0.0
365218.6	3766282.5	0.0	0.0	365243.6	3766282.5	0.0	0.0
364743.6	3766307.5	0.0	0.0	365218.6	3766307.5	0.0	0.0
365243.6	3766307.5	0.0	0.0	364743.6	3766332.5	0.0	0.0
365218.6	3766332.5	0.0	0.0	365243.6	3766332.5	0.0	0.0
364743.6	3766357.5	0.0	0.0	365218.6	3766357.5	0.0	0.0
365243.6	3766357.5	0.0	0.0	364743.6	3766382.5	0.0	0.0
365218.6	3766382.5	0.0	0.0	365243.6	3766382.5	0.0	0.0
364743.6	3766407.5	0.0	0.0	365218.6	3766407.5	0.0	0.0
365243.6	3766407.5	0.0	0.0	364743.6	3766432.5	0.0	0.0
365218.6	3766432.5	0.0	0.0	365243.6	3766432.5	0.0	0.0
364743.6	3766457.5	0.0	0.0	365218.6	3766457.5	0.0	0.0
365243.6	3766457.5	0.0	0.0	364743.6	3766482.5	0.0	0.0
364768.6	3766482.5	0.0	0.0	364793.6	3766482.5	0.0	0.0
364818.6	3766482.5	0.0	0.0	364843.6	3766482.5	0.0	0.0
364868.6	3766482.5	0.0	0.0	364893.6	3766482.5	0.0	0.0
364918.6	3766482.5	0.0	0.0	364943.6	3766482.5	0.0	0.0
364968.6	3766482.5	0.0	0.0	364993.6	3766482.5	0.0	0.0
365018.6	3766482.5	0.0	0.0	365043.6	3766482.5	0.0	0.0
365068.6	3766482.5	0.0	0.0	365093.6	3766482.5	0.0	0.0
365118.6	3766482.5	0.0	0.0	365143.6	3766482.5	0.0	0.0
365168.6	3766482.5	0.0	0.0	365193.6	3766482.5	0.0	0.0
365218.6	3766482.5	0.0	0.0	365243.6	3766482.5	0.0	0.0
364718.6	3766207.5	0.0	0.0	364768.6	3766207.5	0.0	0.0
364818.6	3766207.5	0.0	0.0	364868.6	3766207.5	0.0	0.0
364918.6	3766207.5	0.0	0.0	364968.6	3766207.5	0.0	0.0
365018.6	3766207.5	0.0	0.0	365068.6	3766207.5	0.0	0.0
365118.6	3766207.5	0.0	0.0	365168.6	3766207.5	0.0	0.0
365218.6	3766207.5	0.0	0.0	365268.6	3766207.5	0.0	0.0
364718.6	3766257.5	0.0	0.0	365268.6	3766257.5	0.0	0.0
364718.6	3766307.5	0.0	0.0	365268.6	3766307.5	0.0	0.0
364718.6	3766357.5	0.0	0.0	365268.6	3766357.5	0.0	0.0
364718.6	3766407.5	0.0	0.0	365268.6	3766407.5	0.0	0.0
364718.6	3766457.5	0.0	0.0	365268.6	3766457.5	0.0	0.0
364718.6	3766507.5	0.0	0.0	364768.6	3766507.5	0.0	0.0
364818.6	3766507.5	0.0	0.0	364868.6	3766507.5	0.0	0.0
364918.6	3766507.5	0.0	0.0	364968.6	3766507.5	0.0	0.0
365018.6	3766507.5	0.0	0.0	365068.6	3766507.5	0.0	0.0
365118.6	3766507.5	0.0	0.0	365168.6	3766507.5	0.0	0.0
365218.6	3766507.5	0.0	0.0	365268.6	3766507.5	0.0	0.0
364668.6	3766157.5	0.0	0.0	364743.6	3766157.5	0.0	0.0
364818.6	3766157.5	0.0	0.0	364893.6	3766157.5	0.0	0

DEFAULT

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

```
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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

```

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009093	364768.6	3766257.5	-6.12
L0009093	364788.6	3766257.5	-19.27
L0009093	364808.6	3766257.5	-15.48
L0009093	364828.6	3766257.5	0.45
L0009093	364768.6	3766277.5	-10.98
L0009093	364768.6	3766297.5	-2.49
L0009093	364787.8	3766259.5	-20.81
L0009094	364808.6	3766257.5	-3.30
L0009094	364828.6	3766257.5	-11.74
L0009094	364848.6	3766257.5	-6.49
L0009094	364868.6	3766277.5	0.44
L0009095	364868.6	3766257.5	-3.10
L0009095	364868.6	3766277.5	-23.08

NOxGrad.POU.txt
L0009095 364888.6 3766277.5 -11.96
L0009096 364888.6 3766277.5 -9.72
L0009096 364908.6 3766277.5 -13.90
L0009096 364928.6 3766277.5 -3.65
L0009097 364928.6 3766277.5 -3.77
L0009097 364948.6 3766277.5 -4.79
L0009097 364968.6 3766297.5 -6.81
L0009098 364968.6 3766297.5 -15.81
L0009098 364988.6 3766297.5 -14.06
L0009098 365008.6 3766297.5 0.34
L0009099 364988.6 3766297.5 0.35
L0009099 365008.6 3766297.5 -8.28
L0009099 365028.6 3766297.5 -4.66
L0009099 365048.6 3766317.5 -0.71
L0009100 365048.6 3766297.5 0.14
L0009100 365048.6 3766317.5 -19.85
L0009100 365068.6 3766317.5 -11.37
L0009101 365068.6 3766317.5 -6.23
L0009101 365088.6 3766317.5 -11.21
L0009101 365108.6 3766317.5 -2.74
L0009102 365108.6 3766317.5 -0.32
L0009102 365128.6 3766317.5 -2.26
L0009102 365128.6 3766337.5 -21.48
L0009102 365148.6 3766337.5 -7.16
L0009103 365128.6 3766337.5 0.49
L0009103 365148.6 3766337.5 -12.11
L0009103 365168.6 3766337.5 -12.01

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009103	365188.6	3766337.5	0.69
L0009104	365188.6	3766337.5	-4.76
L0009104	365208.6	3766337.5	-2.54
L0009104	365208.6	3766357.5	-19.12
L0009104	365208.6	3766377.5	-21.46
L0009104	365208.6	3766397.5	-6.17
L0009104	365218.6	3766357.5	-10.76
L0009104	365218.6	3766382.5	-10.29
L0009104	365206.8	3766357.8	-20.55
L0009105	364788.6	3766257.5	0.13
L0009105	364768.6	3766277.5	-8.92
L0009105	364768.6	3766297.5	-14.78
L0009105	364768.6	3766317.5	-5.61
L0009105	364787.8	3766259.5	-1.80
L0009107	364868.6	3766277.5	-2.40
L0009112	365048.6	3766317.5	0.62
L0009114	365128.6	3766337.5	-0.96
L0009116	365208.6	3766357.5	-0.99
L0009116	365208.6	3766377.5	-16.73
L0009116	365208.6	3766397.5	-19.30
L0009116	365208.6	3766417.5	-5.37
L0009116	365218.6	3766382.5	-9.88
L0009116	365218.6	3766407.5	-5.67
L0009116	365206.8	3766357.8	-1.96
L0009117	364768.6	3766297.5	-11.15
L0009117	364768.6	3766317.5	-17.45
L0009117	364768.6	3766337.5	-7.24
L0009128	365208.6	3766377.5	0.43
L0009128	365208.6	3766397.5	-13.55
L0009128	365208.6	3766417.5	-14.84
L0009128	365188.6	3766437.5	-8.81
L0009128	365208.6	3766437.5	-2.03
L0009128	365218.6	3766407.5	-6.48
L0009129	364768.6	3766317.5	-14.89
L0009129	364768.6	3766337.5	-21.41
L0009129	364768.6	3766357.5	-8.98
L0009129	364769.3	3766358.2	-8.76
L0009130	364808.6	3766377.5	-0.38
L0009130	364828.6	3766377.5	-1.38
L0009131	364848.6	3766377.5	-9.61

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009132	364888.6	3766397.5	0.93
L0009133	364908.6	3766397.5	-1.46
L0009133	364928.6	3766397.5	-8.06
L0009135	364988.6	3766417.5	-2.63
L0009135	365008.6	3766417.5	-4.65
L0009136	365008.6	3766417.5	0.54
L0009137	365068.6	3766437.5	-1.81
L0009137	365088.6	3766437.5	0.36
L0009138	365088.6	3766437.5	-2.85
L0009139	365148.6	3766457.5	0.45
L0009140	365208.6	3766417.5	-10.01
L0009140	365188.6	3766437.5	-27.03
L0009140	365208.6	3766437.5	-10.75
L0009140	365168.6	3766457.5	-4.67
L0009140	365188.6	3766457.5	-7.90
L0009140	365208.6	3766457.5	0.96
L0009140	365218.6	3766432.5	-2.10
L0009140	365180.3	3766456.2	-9.38
L0009141	364768.6	3766317.5	-1.52
L0009141	364768.6	3766337.5	-18.82
L0009141	364768.6	3766357.5	-23.09
L0009141	364768.6	3766377.5	-7.96
L0009141	364788.6	3766377.5	-9.86
L0009141	364808.6	3766377.5	0.71
L0009141	364743.6	3766357.5	0.90

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1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\Expo\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS:  CONC          URBAN  FLAT          DEFAULT
* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
  LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

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1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\Expo\Expo HRA\PM10 New\PM10-24.isc ***
***                                     ***
***                                     ***

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[illegible]

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
*** ***

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

FILE: C:\AERMOD~1\METDAT~1\WESTLA.ASC
 SURFACE STATION NO.: 52158
 NAME: UNKNOWN
 YEAR: 1981

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,F9.4,f10.1,f8.4,i4,f7.2)
 UPPER AIR STATION NO.: 91919
 NAME: UNKNOWN
 YEAR: 1981

YEAR	MONTH	DAY	HOUR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
81	1	1	1	67.3	1.00	285.9	7	387.1	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	2	79.9	1.00	286.5	7	397.2	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	3	62.5	1.00	285.9	6	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	4	98.5	1.00	285.9	5	417.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	5	354.0	1.00	285.4	4	427.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	6	139.5	1.00	283.7	5	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	7	94.5	1.00	283.7	6	447.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	8	112.2	1.00	284.3	5	70.1	201.5	0.0000	0.0	0.0000	0	0.00
81	1	1	9	186.5	1.00	287.0	4	144.7	254.3	0.0000	0.0	0.0000	0	0.00
81	1	1	10	256.6	1.00	291.5	3	219.4	307.0	0.0000	0.0	0.0000	0	0.00
81	1	1	11	314.1	1.00	294.8	2	294.0	359.8	0.0000	0.0	0.0000	0	0.00
81	1	1	12	35.6	2.68	290.9	3	368.7	412.5	0.0000	0.0	0.0000	0	0.00
81	1	1	13	64.7	2.24	289.8	3	443.3	465.3	0.0000	0.0	0.0000	0	0.00
81	1	1	14	34.2	2.24	290.4	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	15	44.8	1.34	290.4	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	16	53.2	1.79	289.3	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	17	42.6	0.00	288.1	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	18	30.1	1.00	287.6	5	518.0	468.5	0.0000	0.0	0.0000	0	0.00
81	1	1	19	20.5	0.00	287.0	6	518.0	425.9	0.0000	0.0	0.0000	0	0.00
81	1	1	20	55.7	1.00	287.0	7	518.0	383.4	0.0000	0.0	0.0000	0	0.00
81	1	1	21	43.6	0.00	287.6	7	518.0	340.8	0.0000	0.0	0.0000	0	0.00
81	1	1	22	137.0	1.00	287.0	7	518.0	298.2	0.0000	0.0	0.0000	0	0.00
81	1	1	23	90.7	1.00	286.5	7	518.0	255.6	0.0000	0.0	0.0000	0	0.00
81	1	1	24	67.2	1.00	286.5	6	518.0	213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
 L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
 L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365195.56	3766329.25	0.00005	365046.69	3766293.00	0.00005
364925.03	3766265.00	0.00004	364810.06	3766234.50	0.00002
365230.94	3766352.75	0.00006	365358.03	3766388.00	0.00003
365384.34	3766356.75	0.00002	365410.66	3766309.75	0.00001
365214.22	3766258.25	0.00003	365061.88	3766221.00	0.00002
364950.50	3766192.75	0.00002	364851.97	3766170.25	0.00001
364936.41	3766071.00	0.00001	365000.66	3766093.75	0.00001
365093.69	3766117.00	0.00001	365250.94	3766158.50	0.00001
365455.34	3766211.75	0.00001	364768.56	3766257.50	0.00002
364788.56	3766257.50	0.00002	364808.56	3766257.50	0.00002
364828.56	3766257.50	0.00003	364848.56	3766257.50	0.00003
364868.56	3766257.50	0.00004	364888.56	3766257.50	0.00004
364908.56	3766257.50	0.00004	364928.56	3766257.50	0.00004
364948.56	3766257.50	0.00004	364968.56	3766257.50	0.00004
364988.56	3766257.50	0.00004	365008.56	3766257.50	0.00004
365028.56	3766257.50	0.00003	365048.56	3766257.50	0.00003
365068.56	3766257.50	0.00003	365088.56	3766257.50	0.00003
365108.56	3766257.50	0.00003	365128.56	3766257.50	0.00003
365148.56	3766257.50	0.00003	365168.56	3766257.50	0.00003
365188.56	3766257.50	0.00003	365208.56	3766257.50	0.00003
364768.56	3766277.50	0.00002	364868.56	3766277.50	0.00004
364888.56	3766277.50	0.00005	364908.56	3766277.50	0.00005
364928.56	3766277.50	0.00005	364948.56	3766277.50	0.00005
364968.56	3766277.50	0.00005	364988.56	3766277.50	0.00005
365008.56	3766277.50	0.00005	365028.56	3766277.50	0.00005
365048.56	3766277.50	0.00004	365068.56	3766277.50	0.00004
365088.56	3766277.50	0.00004	365108.56	3766277.50	0.00004
365128.56	3766277.50	0.00004	365148.56	3766277.50	0.00003
365168.56	3766277.50	0.00003	365188.56	3766277.50	0.00003
365208.56	3766277.50	0.00003	364768.56	3766297.50	0.00003
364968.56	3766297.50	0.00006	364988.56	3766297.50	0.00006
365008.56	3766297.50	0.00006	365028.56	3766297.50	0.00006
365048.56	3766297.50	0.00006	365068.56	3766297.50	0.00005
365088.56	3766297.50	0.00005	365108.56	3766297.50	0.00005
365128.56	3766297.50	0.00005	365148.56	3766297.50	0.00004
365168.56	3766297.50	0.00004	365188.56	3766297.50	0.00004
365208.56	3766297.50	0.00004	364768.56	3766317.50	0.00004
365048.56	3766317.50	0.00007	365068.56	3766317.50	0.00007
365088.56	3766317.50	0.00006	365108.56	3766317.50	0.00006
365128.56	3766317.50	0.00006	365148.56	3766317.50	0.00006

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
 L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
 L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365168.56	3766317.50	0.00005	365188.56	3766317.50	0.00005
365208.56	3766317.50	0.00005	364768.56	3766337.50	0.00004
365128.56	3766337.50	0.00007	365148.56	3766337.50	0.00007
365168.56	3766337.50	0.00006	365188.56	3766337.50	0.00006
365208.56	3766337.50	0.00006	364768.56	3766357.50	0.00005

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NOXGrad.POU.txt
365208.56 3766357.50 0.00007 364768.56 3766377.50 0.00004
364788.56 3766377.50 0.00005 364808.56 3766377.50 0.00007
364828.56 3766377.50 0.00008 364848.56 3766377.50 0.00010
365208.56 3766377.50 0.00008 364768.56 3766397.50 0.00004
364788.56 3766397.50 0.00005 364808.56 3766397.50 0.00007
364828.56 3766397.50 0.00008 364848.56 3766397.50 0.00009
364868.56 3766397.50 0.00010 364888.56 3766397.50 0.00011
364908.56 3766397.50 0.00011 364928.56 3766397.50 0.00013
365208.56 3766397.50 0.00009 364768.56 3766417.50 0.00004
364788.56 3766417.50 0.00004 364808.56 3766417.50 0.00005
364828.56 3766417.50 0.00006 364848.56 3766417.50 0.00007
364868.56 3766417.50 0.00009 364888.56 3766417.50 0.00010
364908.56 3766417.50 0.00010 364928.56 3766417.50 0.00011
364948.56 3766417.50 0.00012 364968.56 3766417.50 0.00012
364988.56 3766417.50 0.00012 365008.56 3766417.50 0.00013
365208.56 3766417.50 0.00010 364768.56 3766437.50 0.00003
364788.56 3766437.50 0.00003 364808.56 3766437.50 0.00004
364828.56 3766437.50 0.00005 364848.56 3766437.50 0.00006
364868.56 3766437.50 0.00007 364888.56 3766437.50 0.00007
364908.56 3766437.50 0.00008 364928.56 3766437.50 0.00009
364948.56 3766437.50 0.00010 364968.56 3766437.50 0.00011
364988.56 3766437.50 0.00011 365008.56 3766437.50 0.00011
365028.56 3766437.50 0.00013 365048.56 3766437.50 0.00012
365068.56 3766437.50 0.00013 365088.56 3766437.50 0.00012
365188.56 3766437.50 0.00012 365208.56 3766437.50 0.00010
364768.56 3766457.50 0.00002 364788.56 3766457.50 0.00003
364808.56 3766457.50 0.00003 364828.56 3766457.50 0.00004
364848.56 3766457.50 0.00004 364868.56 3766457.50 0.00005
364888.56 3766457.50 0.00006 364908.56 3766457.50 0.00006
364928.56 3766457.50 0.00007 364948.56 3766457.50 0.00008
364968.56 3766457.50 0.00008 364988.56 3766457.50 0.00009
365008.56 3766457.50 0.00010 365028.56 3766457.50 0.00010
365048.56 3766457.50 0.00011 365068.56 3766457.50 0.00011
365088.56 3766457.50 0.00012 365108.56 3766457.50 0.00012
365128.56 3766457.50 0.00011 365148.56 3766457.50 0.00011
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365168.56	3766457.50	0.00011	365188.56	3766457.50	0.00011
365208.56	3766457.50	0.00010	364743.56	3766232.50	0.00001
364768.56	3766232.50	0.00001	364793.56	3766232.50	0.00001
364818.56	3766232.50	0.00002	364843.56	3766232.50	0.00002
364868.56	3766232.50	0.00003	364893.56	3766232.50	0.00003
364918.56	3766232.50	0.00003	364943.56	3766232.50	0.00003
364968.56	3766232.50	0.00003	364993.56	3766232.50	0.00003
365018.56	3766232.50	0.00003	365043.56	3766232.50	0.00003
365068.56	3766232.50	0.00002	365093.56	3766232.50	0.00002
365118.56	3766232.50	0.00002	365143.56	3766232.50	0.00002
365168.56	3766232.50	0.00002	365193.56	3766232.50	0.00002
365218.56	3766232.50	0.00002	365243.56	3766232.50	0.00002
364743.56	3766257.50	0.00002	365218.56	3766257.50	0.00002
365243.56	3766257.50	0.00002	364743.56	3766282.50	0.00003
365218.56	3766282.50	0.00003	365243.56	3766282.50	0.00003
364743.56	3766307.50	0.00004	365218.56	3766307.50	0.00004
365243.56	3766307.50	0.00003	364743.56	3766332.50	0.00004
365218.56	3766332.50	0.00005	365243.56	3766332.50	0.00004
364743.56	3766357.50	0.00004	365218.56	3766357.50	0.00007
365243.56	3766357.50	0.00006	364743.56	3766382.50	0.00004
365218.56	3766382.50	0.00008	365243.56	3766382.50	0.00008
364743.56	3766407.50	0.00003	365218.56	3766407.50	0.00010
365243.56	3766407.50	0.00009	364743.56	3766432.50	0.00002
365218.56	3766432.50	0.00011	365243.56	3766432.50	0.00009
364743.56	3766457.50	0.00002	365218.56	3766457.50	0.00011
365243.56	3766457.50	0.00009	364743.56	3766482.50	0.00002
364768.56	3766482.50	0.00002	364793.56	3766482.50	0.00002
364818.56	3766482.50	0.00003	364843.56	3766482.50	0.00003
364868.56	3766482.50	0.00004	364893.56	3766482.50	0.00004
364918.56	3766482.50	0.00005	364943.56	3766482.50	0.00006
364968.56	3766482.50	0.00006	364993.56	3766482.50	0.00007
365018.56	3766482.50	0.00007	365043.56	3766482.50	0.00008
365068.56	3766482.50	0.00009	365093.56	3766482.50	0.00009
365118.56	3766482.50	0.00010	365143.56	3766482.50	0.00010
365168.56	3766482.50	0.00010	365193.56	3766482.50	0.00009
365218.56	3766482.50	0.00009	365243.56	3766482.50	0.00008
364718.56	3766207.50	0.00001	364768.56	3766207.50	0.00001
364818.56	3766207.50	0.00001	364868.56	3766207.50	0.00002
364918.56	3766207.50	0.00002	364968.56	3766207.50	0.00002
365018.56	3766207.50	0.00002	365068.56	3766207.50	0.00002

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365118.56	3766207.50	0.00002	365168.56	3766207.50	0.00002
365218.56	3766207.50	0.00002	365268.56	3766207.50	0.00002
364718.56	3766257.50	0.00002	365268.56	3766257.50	0.00002
364718.56	3766307.50	0.00003	365268.56	3766307.50	0.00003
364718.56	3766357.50	0.00003	365268.56	3766357.50	0.00005
364718.56	3766407.50	0.00002	365268.56	3766407.50	0.00007
364718.56	3766457.50	0.00002	365268.56	3766457.50	0.00007
364718.56	3766507.50	0.00001	364768.56	3766507.50	0.00002
364818.56	3766507.50	0.00002	364868.56	3766507.50	0.00003
364918.56	3766507.50	0.00004	364968.56	3766507.50	0.00005
365018.56	3766507.50	0.00006	365068.56	3766507.50	0.00006

NOxGrad.POU.txt

365118.56	3766507.50	0.00007	365168.56	3766507.50	0.00008
365218.56	3766507.50	0.00007	365268.56	3766507.50	0.00005
364668.56	3766157.50	0.00000	364743.56	3766157.50	0.00000
364818.56	3766157.50	0.00001	364893.56	3766157.50	0.00001
364968.56	3766157.50	0.00001	365043.56	3766157.50	0.00001
365118.56	3766157.50	0.00001	365193.56	3766157.50	0.00001
365268.56	3766157.50	0.00001	365343.56	3766157.50	0.00001
364668.56	3766232.50	0.00001	365268.56	3766232.50	0.00002
365343.56	3766232.50	0.00001	364668.56	3766307.50	0.00002
365268.56	3766307.50	0.00003	365343.56	3766307.50	0.00002
364668.56	3766382.50	0.00002	365268.56	3766382.50	0.00006
365343.56	3766382.50	0.00003	364668.56	3766457.50	0.00001
365268.56	3766457.50	0.00007	365343.56	3766457.50	0.00003
364668.56	3766532.50	0.00001	364743.56	3766532.50	0.00001
364818.56	3766532.50	0.00002	364893.56	3766532.50	0.00003
364968.56	3766532.50	0.00004	365043.56	3766532.50	0.00005
365118.56	3766532.50	0.00005	365193.56	3766532.50	0.00006
365268.56	3766532.50	0.00005	365343.56	3766532.50	0.00003
364568.56	3766057.50	0.00000	364668.56	3766057.50	0.00000
364768.56	3766057.50	0.00000	364868.56	3766057.50	0.00000
364968.56	3766057.50	0.00001	365068.56	3766057.50	0.00001
365168.56	3766057.50	0.00001	365268.56	3766057.50	0.00001
365368.56	3766057.50	0.00001	364568.56	3766157.50	0.00000
365368.56	3766157.50	0.00001	364568.56	3766257.50	0.00001
365368.56	3766257.50	0.00001	364568.56	3766357.50	0.00001
365368.56	3766357.50	0.00002	364568.56	3766457.50	0.00001
365368.56	3766457.50	0.00003	364568.56	3766557.50	0.00001
365368.56	3766557.50	0.00003	364568.56	3766657.50	0.00000
364668.56	3766657.50	0.00001	364768.56	3766657.50	0.00001

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
 L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
 L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364868.56	3766657.50	0.00001	364968.56	3766657.50	0.00001
365068.56	3766657.50	0.00002	365168.56	3766657.50	0.00002
365268.56	3766657.50	0.00002	365368.56	3766657.50	0.00002
364268.56	3765757.50	0.00000	364393.56	3765757.50	0.00000
364518.56	3765757.50	0.00000	364643.56	3765757.50	0.00000
364768.56	3765757.50	0.00000	364893.56	3765757.50	0.00000
365018.56	3765757.50	0.00000	365143.56	3765757.50	0.00000
365268.56	3765757.50	0.00000	365393.56	3765757.50	0.00000
365518.56	3765757.50	0.00000	365643.56	3765757.50	0.00000
365768.56	3765757.50	0.00000	364268.56	3765882.50	0.00000
364393.56	3765882.50	0.00000	364518.56	3765882.50	0.00000
364643.56	3765882.50	0.00000	364768.56	3765882.50	0.00000
364893.56	3765882.50	0.00000	365018.56	3765882.50	0.00000
365143.56	3765882.50	0.00000	365268.56	3765882.50	0.00000
365393.56	3765882.50	0.00000	365518.56	3765882.50	0.00000
365643.56	3765882.50	0.00000	365768.56	3765882.50	0.00000
364268.56	3766007.50	0.00000	364393.56	3766007.50	0.00000
364518.56	3766007.50	0.00000	364643.56	3766007.50	0.00000
364768.56	3766007.50	0.00000	364893.56	3766007.50	0.00000
365018.56	3766007.50	0.00000	365143.56	3766007.50	0.00001
365268.56	3766007.50	0.00001	365393.56	3766007.50	0.00001
365518.56	3766007.50	0.00000	365643.56	3766007.50	0.00000
365768.56	3766007.50	0.00000	364268.56	3766132.50	0.00000
364393.56	3766132.50	0.00000	364518.56	3766132.50	0.00000
365518.56	3766132.50	0.00001	365643.56	3766132.50	0.00000
365768.56	3766132.50	0.00000	364268.56	3766257.50	0.00000
364393.56	3766257.50	0.00000	364518.56	3766257.50	0.00001
365518.56	3766257.50	0.00001	365643.56	3766257.50	0.00001
365768.56	3766257.50	0.00000	364268.56	3766382.50	0.00000
364393.56	3766382.50	0.00000	364518.56	3766382.50	0.00001
365518.56	3766382.50	0.00001	365643.56	3766382.50	0.00001
365768.56	3766382.50	0.00001	364268.56	3766507.50	0.00000
364393.56	3766507.50	0.00000	364518.56	3766507.50	0.00001
365518.56	3766507.50	0.00001	365643.56	3766507.50	0.00001
365768.56	3766507.50	0.00001	364268.56	3766632.50	0.00000
364393.56	3766632.50	0.00000	364518.56	3766632.50	0.00000
365518.56	3766632.50	0.00001	365643.56	3766632.50	0.00001
365768.56	3766632.50	0.00001	364268.56	3766757.50	0.00000
364393.56	3766757.50	0.00000	364518.56	3766757.50	0.00000
364643.56	3766757.50	0.00000	364768.56	3766757.50	0.00001

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
 L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
 L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364893.56	3766757.50	0.00001	365018.56	3766757.50	0.00001
365143.56	3766757.50	0.00001	365268.56	3766757.50	0.00001
365393.56	3766757.50	0.00001	365518.56	3766757.50	0.00001
365643.56	3766757.50	0.00001	365768.56	3766757.50	0.00001
364268.56	3766882.50	0.00000	364393.56	3766882.50	0.00000
364518.56	3766882.50	0.00000	364643.56	3766882.50	0.00000
364768.56	3766882.50	0.00000	364893.56	3766882.50	0.00000
365018.56	3766882.50	0.00001	365143.56	3766882.50	0.00001
365268.56	3766882.50	0.00001	365393.56	3766882.50	0.00001
365518.56	3766882.50	0.00001	365643.56	3766882.50	0.00001
365768.56	3766882.50	0.00001	364268.56	3767007.50	0.00000
364393.56	3767007.50	0.00000	364518.56	3767007.50	0.00000
364643.56	3767007.50	0.00000	364768.56	3767007.50	0.00000
364893.56	3767007.50	0.00000	365018.56	3767007.50	0.00000
365143.56	3767007.50	0.00000	365268.56	3767007.50	0.00000
365393.56	3767007.50	0.00001	365518.56	3767007.50	0.00001
365643.56	3767007.50	0.00001	365768.56	3767007.50	0.00000

NOxGrad.POU.txt
364787.78 3766259.50 0.00002 365206.84 3766357.75 0.00007
365180.28 3766456.25 0.00011 364769.34 3766358.25 0.00005
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
** CONC OF NOX				IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365195.56	3766329.25	0.00038	(81050901)	365046.69	3766293.00	0.00033	(81012507)
364925.03	3766265.00	0.00035	(81040303)	364810.06	3766234.50	0.00037	(81042007)
365230.94	3766352.75	0.00045	(81071903)	365358.03	3766388.00	0.00031	(81072724)
365384.34	3766356.75	0.00026	(81091907)	365410.66	3766309.75	0.00021	(81031605)
365214.22	3766258.25	0.00022	(81122622)	365061.88	3766221.00	0.00020	(81021803)
364950.50	3766192.75	0.00020	(81120407)	364851.97	3766170.25	0.00021	(81011201)
364936.41	3766071.00	0.00013	(81111906)	365000.66	3766093.75	0.00013	(81020802)
365093.69	3766117.00	0.00013	(81100604)	365250.94	3766158.50	0.00014	(81092005)
365455.34	3766211.75	0.00014	(81021804)	364768.56	3766257.50	0.00047	(81020601)
364788.56	3766257.50	0.00046	(81112923)	364808.56	3766257.50	0.00042	(81011604)
364828.56	3766257.50	0.00042	(81040607)	364848.56	3766257.50	0.00038	(81122004)
364868.56	3766257.50	0.00038	(81042007)	364888.56	3766257.50	0.00037	(81032003)
364908.56	3766257.50	0.00034	(81030605)	364928.56	3766257.50	0.00033	(81011203)
364948.56	3766257.50	0.00030	(81070401)	364968.56	3766257.50	0.00029	(81101901)
364988.56	3766257.50	0.00028	(81100903)	365008.56	3766257.50	0.00026	(81112922)
365028.56	3766257.50	0.00025	(81032402)	365048.56	3766257.50	0.00025	(81032703)
365068.56	3766257.50	0.00025	(81052303)	365088.56	3766257.50	0.00024	(81030806)
365108.56	3766257.50	0.00024	(81020503)	365128.56	3766257.50	0.00023	(81071224)
365148.56	3766257.50	0.00023	(81021605)	365168.56	3766257.50	0.00022	(81120401)
365188.56	3766257.50	0.00022	(81041204)	365208.56	3766257.50	0.00022	(81032006)
364768.56	3766277.50	0.00049	(81022523)	364868.56	3766277.50	0.00044	(81070406)
364888.56	3766277.50	0.00039	(81011924)	364908.56	3766277.50	0.00040	(81042007)
364928.56	3766277.50	0.00036	(81101206)	364948.56	3766277.50	0.00036	(81110108)
364968.56	3766277.50	0.00032	(81011203)	364988.56	3766277.50	0.00031	(81022805)
365008.56	3766277.50	0.00030	(81011201)	365028.56	3766277.50	0.00029	(81040521)
365048.56	3766277.50	0.00029	(81040420)	365068.56	3766277.50	0.00029	(81103103)
365088.56	3766277.50	0.00028	(81061805)	365108.56	3766277.50	0.00027	(81082203)
365128.56	3766277.50	0.00027	(81071805)	365148.56	3766277.50	0.00026	(81071805)
365168.56	3766277.50	0.00025	(81122701)	365188.56	3766277.50	0.00025	(81022301)
365208.56	3766277.50	0.00024	(81080806)	364768.56	3766297.50	0.00052	(81122522)
364968.56	3766297.50	0.00036	(81042007)	364988.56	3766297.50	0.00033	(81101604)
365008.56	3766297.50	0.00032	(81021002)	365028.56	3766297.50	0.00033	(81101604)
365048.56	3766297.50	0.00035	(81111101)	365068.56	3766297.50	0.00033	(81101604)
365088.56	3766297.50	0.00033	(81111101)	365108.56	3766297.50	0.00032	(81071204)
365128.56	3766297.50	0.00031	(81031606)	365148.56	3766297.50	0.00031	(81031606)
365168.56	3766297.50	0.00030	(81031606)	365188.56	3766297.50	0.00029	(81031606)
365208.56	3766297.50	0.00028	(81022101)	364768.56	3766317.50	0.00053	(81012306)
365048.56	3766317.50	0.00036	(81091624)	365068.56	3766317.50	0.00037	(81021822)
365088.56	3766317.50	0.00039	(81011807)	365108.56	3766317.50	0.00036	(81031605)
365128.56	3766317.50	0.00037	(81022106)	365148.56	3766317.50	0.00035	(81121422)

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
** CONC OF NOX				IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365168.56	3766317.50	0.00035	(81061505)	365188.56	3766317.50	0.00034	(81022601)
365208.56	3766317.50	0.00033	(81051006)	364768.56	3766337.50	0.00053	(81081505)
365128.56	3766337.50	0.00044	(81110622)	365148.56	3766337.50	0.00040	(81120902)
365168.56	3766337.50	0.00042	(81103120)	365188.56	3766337.50	0.00039	(81051003)
365208.56	3766337.50	0.00040	(81020620)	364768.56	3766357.50	0.00049	(81070606)
365208.56	3766357.50	0.00046	(81031106)	364768.56	3766377.50	0.00043	(81111619)
364788.56	3766377.50	0.00041	(81102806)	364808.56	3766377.50	0.00045	(81030120)
364828.56	3766377.50	0.00042	(81060501)	364848.56	3766377.50	0.00047	(81112524)
365208.56	3766377.50	0.00051	(81091703)	364768.56	3766397.50	0.00036	(81031608)
364788.56	3766397.50	0.00037	(81111902)	364808.56	3766397.50	0.00038	(81050807)
364828.56	3766397.50	0.00037	(81122919)	364848.56	3766397.50	0.00040	(81021603)
364868.56	3766397.50	0.00039	(81121903)	364888.56	3766397.50	0.00042	(81121903)
364908.56	3766397.50	0.00039	(81092305)	364928.56	3766397.50	0.00039	(81092305)
365208.56	3766397.50	0.00053	(81121404)	364768.56	3766417.50	0.00030	(81070801)
364788.56	3766417.50	0.00031	(81070801)	364808.56	3766417.50	0.00032	(81070801)
364828.56	3766417.50	0.00033	(81061202)	364848.56	3766417.50	0.00034	(81070724)
364868.56	3766417.50	0.00033	(81111205)	364888.56	3766417.50	0.00035	(81031222)
364908.56	3766417.50	0.00035	(81022323)	364928.56	3766417.50	0.00037	(81030124)
364948.56	3766417.50	0.00035	(81051007)	364968.56	3766417.50	0.00034	(81070403)
364988.56	3766417.50	0.00035	(81082502)	365008.56	3766417.50	0.00038	(81073022)
365208.56	3766417.50	0.00052	(81020220)	364768.56	3766437.50	0.00026	(81031806)
364788.56	3766437.50	0.00026	(81031806)	364808.56	3766437.50	0.00027	(81112705)
364828.56	3766437.50	0.00028	(81120319)	364848.56	3766437.50	0.00028	(81051302)
364868.56	3766437.50	0.00029	(81032521)	364888.56	3766437.50	0.00030	(81110523)
364908.56	3766437.50	0.00030	(81101808)	364928.56	3766437.50	0.00031	(81032521)
364948.56	3766437.50	0.00031	(81110523)	364968.56	3766437.50	0.00032	(81030406)
364988.56	3766437.50	0.00034	(81072619)	365008.56	3766437.50	0.00034	(81092601)
365028.56	3766437.50	0.00038	(81031718)	365048.56	3766437.50	0.00037	(81101102)
365068.56	3766437.50	0.00043	(81051821)	365088.56	3766437.50	0.00041	(81102023)
365188.56	3766437.50	0.00055	(81051922)	365208.56	3766437.50	0.00050	(81021321)
364768.56	3766457.50	0.00023	(81030406)	364788.56	3766457.50	0.00023	(81032208)
364808.56	3766457.50	0.00023	(81092521)	364828.56	3766457.50	0.00024	(81061823)
364848.56	3766457.50	0.00024	(81051621)	364868.56	3766457.50	0.00025	(81112905)
364888.56	3766457.50	0.00025	(81051304)	364908.56	3766457.50	0.00026	(81041903)
364928.56	3766457.50	0.00026	(81082422)	364948.56	3766457.50	0.00027	(81081921)
364968.56	3766457.50	0.00028	(81101905)	364988.56	3766457.50	0.00029	(81010918)
365008.56	3766457.50	0.00031	(81043024)	365028.56	3766457.50	0.00032	(81031104)
365048.56	3766457.50	0.00035	(81091802)	365068.56	3766457.50	0.00036	(81110319)
365088.56	3766457.50	0.00038	(81042120)	365108.56	3766457.50	0.00040	(81102723)
365128.56	3766457.50	0.00041	(81120901)	365148.56	3766457.50	0.00045	(81051620)

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,

L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
 L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365168.56	3766457.50	0.00045	(81081222)	365188.56	3766457.50	0.00049	(81032105)
365208.56	3766457.50	0.00047	(81032121)	364743.56	3766232.50	0.00041	(81070406)
364768.56	3766232.50	0.00041	(81030604)	364793.56	3766232.50	0.00037	(81111008)
364818.56	3766232.50	0.00036	(81101206)	364843.56	3766232.50	0.00033	(81122321)
364868.56	3766232.50	0.00031	(81011205)	364893.56	3766232.50	0.00029	(81122006)
364918.56	3766232.50	0.00027	(81040306)	364943.56	3766232.50	0.00026	(81011201)
364968.56	3766232.50	0.00024	(81012102)	364993.56	3766232.50	0.00023	(81020602)
365018.56	3766232.50	0.00022	(81011222)	365043.56	3766232.50	0.00021	(81020324)
365068.56	3766232.50	0.00021	(81101823)	365093.56	3766232.50	0.00021	(81101723)
365118.56	3766232.50	0.00020	(81111624)	365143.56	3766232.50	0.00020	(81052101)
365168.56	3766232.50	0.00019	(81101002)	365193.56	3766232.50	0.00019	(81050403)
365218.56	3766232.50	0.00019	(81030907)	365243.56	3766232.50	0.00018	(81080302)
364743.56	3766257.50	0.00049	(81021003)	365218.56	3766257.50	0.00021	(81122622)
365243.56	3766257.50	0.00021	(81050503)	364743.56	3766282.50	0.00055	(81042105)
365218.56	3766282.50	0.00025	(81012603)	365243.56	3766282.50	0.00024	(81120306)
364743.56	3766307.50	0.00058	(81111020)	365218.56	3766307.50	0.00030	(81060301)
365243.56	3766307.50	0.00029	(81050424)	364743.56	3766332.50	0.00057	(81081505)
365218.56	3766332.50	0.00037	(81021607)	365243.56	3766332.50	0.00036	(81050901)
364743.56	3766357.50	0.00046	(81010319)	365218.56	3766357.50	0.00044	(81082102)
365243.56	3766357.50	0.00045	(81050623)	364743.56	3766382.50	0.00040	(81080406)
365218.56	3766382.50	0.00049	(81010201)	365243.56	3766382.50	0.00052	(81020801)
364743.56	3766407.50	0.00031	(81022323)	365218.56	3766407.50	0.00050	(81030706)
365243.56	3766407.50	0.00055	(81022105)	364743.56	3766432.50	0.00026	(81040524)
365218.56	3766432.50	0.00052	(81040221)	365243.56	3766432.50	0.00054	(81082002)
364743.56	3766457.50	0.00022	(81032521)	365218.56	3766457.50	0.00054	(81100701)
365243.56	3766457.50	0.00050	(81040706)	364743.56	3766482.50	0.00019	(81030324)
364768.56	3766482.50	0.00020	(81082122)	364793.56	3766482.50	0.00020	(81010609)
364818.56	3766482.50	0.00020	(81041903)	364843.56	3766482.50	0.00021	(81081921)
364868.56	3766482.50	0.00021	(81010221)	364893.56	3766482.50	0.00022	(81092724)
364918.56	3766482.50	0.00022	(81041703)	364943.56	3766482.50	0.00023	(81121202)
364968.56	3766482.50	0.00023	(81022218)	364993.56	3766482.50	0.00025	(81081601)
365018.56	3766482.50	0.00026	(81010918)	365043.56	3766482.50	0.00028	(81071621)
365068.56	3766482.50	0.00030	(81090221)	365093.56	3766482.50	0.00032	(81081620)
365118.56	3766482.50	0.00034	(81061103)	365143.56	3766482.50	0.00036	(81071722)
365168.56	3766482.50	0.00039	(81010120)	365193.56	3766482.50	0.00040	(81060322)
365218.56	3766482.50	0.00044	(81071123)	365243.56	3766482.50	0.00043	(81010722)
364718.56	3766207.50	0.00034	(81011924)	364768.56	3766207.50	0.00032	(81101206)
364818.56	3766207.50	0.00029	(81011205)	364868.56	3766207.50	0.00026	(81110308)
364918.56	3766207.50	0.00023	(81022522)	364968.56	3766207.50	0.00021	(81020602)
365018.56	3766207.50	0.00019	(81050804)	365068.56	3766207.50	0.00018	(81101324)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,

L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
 L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365118.56	3766207.50	0.00018	(81111908)	365168.56	3766207.50	0.00017	(81101704)
365218.56	3766207.50	0.00017	(81091306)	365268.56	3766207.50	0.00016	(81010921)
364718.56	3766257.50	0.00046	(81082024)	365268.56	3766257.50	0.00020	(81050123)
364718.56	3766307.50	0.00052	(81010206)	365268.56	3766307.50	0.00028	(81032705)
364718.56	3766357.50	0.00045	(81032802)	365268.56	3766357.50	0.00040	(81032621)
364718.56	3766407.50	0.00030	(81091322)	365268.56	3766407.50	0.00048	(81121919)
364718.56	3766457.50	0.00021	(81031804)	365268.56	3766457.50	0.00045	(81122508)
364718.56	3766507.50	0.00017	(81041903)	364768.56	3766507.50	0.00017	(81062501)
364818.56	3766507.50	0.00018	(81032523)	364868.56	3766507.50	0.00019	(81041305)
364918.56	3766507.50	0.00019	(81032806)	364968.56	3766507.50	0.00020	(81070522)
365018.56	3766507.50	0.00022	(81012301)	365068.56	3766507.50	0.00025	(81032922)
365118.56	3766507.50	0.00028	(81090620)	365168.56	3766507.50	0.00031	(81053122)
365218.56	3766507.50	0.00035	(81010202)	365268.56	3766507.50	0.00035	(81122424)
364668.56	3766157.50	0.00025	(81042007)	364743.56	3766157.50	0.00024	(81011203)
364818.56	3766157.50	0.00021	(81021002)	364893.56	3766157.50	0.00019	(81112922)
364968.56	3766157.50	0.00017	(81050804)	365043.56	3766157.50	0.00015	(81082103)
365118.56	3766157.50	0.00015	(81110305)	365193.56	3766157.50	0.00014	(81101222)
365268.56	3766157.50	0.00014	(81030802)	365343.56	3766157.50	0.00013	(81020701)
364668.56	3766232.50	0.00035	(81030308)	365268.56	3766232.50	0.00018	(81021605)
365343.56	3766232.50	0.00017	(81101421)	364668.56	3766307.50	0.00040	(81083103)
365268.56	3766307.50	0.00028	(81032705)	365343.56	3766307.50	0.00024	(81101702)
364668.56	3766382.50	0.00032	(81042107)	365268.56	3766382.50	0.00046	(81020106)
365343.56	3766382.50	0.00033	(81103022)	364668.56	3766457.50	0.00020	(81051302)
365268.56	3766457.50	0.00045	(81122508)	365343.56	3766457.50	0.00034	(81071902)
364668.56	3766532.50	0.00015	(81010708)	364743.56	3766532.50	0.00016	(81101123)
364818.56	3766532.50	0.00016	(81040623)	364893.56	3766532.50	0.00017	(81010318)
364968.56	3766532.50	0.00018	(81021219)	365043.56	3766532.50	0.00020	(81012605)
365118.56	3766532.50	0.00023	(81090904)	365193.56	3766532.50	0.00027	(81072824)
365268.56	3766532.50	0.00030	(81082724)	365343.56	3766532.50	0.00028	(81072424)
364568.56	3766057.50	0.00016	(81101206)	364668.56	3766057.50	0.00016	(81070401)
364768.56	3766057.50	0.00015	(81011905)	364868.56	3766057.50	0.00013	(81012024)
364968.56	3766057.50	0.00012	(81031205)	365068.56	3766057.50	0.00011	(81011602)
365168.56	3766057.50	0.00011	(81050406)	365268.56	3766057.50	0.00010	(81042707)
365368.56	3766057.50	0.00010	(81110923)	364568.56	3766157.50	0.00022	(81112923)
365368.56	3766157.50	0.00013	(81061422)	364568.56	3766257.50	0.00027	(81111022)
365368.56	3766257.50	0.00018	(81090301)	364568.56	3766357.50	0.00025	(81032802)
365368.56	3766357.50	0.00028	(81091907)	364568.56	3766457.50	0.00018	(81061202)
365368.56	3766457.50	0.00031	(81101906)	364568.56	3766557.50	0.00013	(81041903)
365368.56	3766557.50	0.00024	(81091807)	364568.56	3766657.50	0.00010	(81080407)
364668.56	3766657.50	0.00010	(81012307)	364768.56	3766657.50	0.00011	(81060503)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,

L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
 L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364868.56	3766657.50	0.00011	(81020202)	364968.56	3766657.50	0.00012	(81032601)
365068.56	3766657.50	0.00013	(81101904)	365168.56	3766657.50	0.00014	(81052323)
365268.56	3766657.50	0.00016	(81081019)	365368.56	3766657.50	0.00017	(81012606)
364268.56	3765757.50	0.00008	(81040303)	364393.56	3765757.50	0.00008	(81022805)
364518.56	3765757.50	0.00008	(81052106)	364643.56	3765757.50	0.00008	(81031404)
364768.56	3765757.50	0.00008	(81111906)	364893.56	3765757.50	0.00007	(81122804)
365018.56	3765757.50	0.00007	(81122705)	365143.56	3765757.50	0.00007	(81121401)
365268.56	3765757.50	0.00007	(81012023)	365393.56	3765757.50	0.00006	(81111724)
365518.56	3765757.50	0.00006	(81050605)	365643.56	3765757.50	0.00006	(81013105)
365768.56	3765757.50	0.00006	(81010907)	364268.56	3765882.50	0.00009	(81111008)
364393.56	3765882.50	0.00010	(81110108)	364518.56	3765882.50	0.00010	(81112503)
364643.56	3765882.50	0.00010	(81112922)	364768.56	3765882.50	0.00010	(81050804)
364893.56	3765882.50	0.00009	(81020802)	365018.56	3765882.50	0.00008	(81121124)
365143.56	3765882.50	0.00008	(81010705)	365268.56	3765882.50	0.00008	(81020403)
365393.56	3765882.50	0.00007	(81101424)	365518.56	3765882.50	0.00007	(81082202)
365643.56	3765882.50	0.00007	(81061802)	365768.56	3765882.50	0.00006	(81101402)
364268.56	3766007.50	0.00011	(81042807)	364393.56	3766007.50	0.00012	(81040607)
364518.56	3766007.50	0.00014	(81122321)	364643.56	3766007.50	0.00014	(81040306)
364768.56	3766007.50	0.00013	(81120407)	364893.56	3766007.50	0.00011	(81111906)
365018.56	3766007.50	0.00010	(81020321)	365143.56	3766007.50	0.00010	(81010707)
365268.56	3766007.50	0.00009	(81111803)	365393.56	3766007.50	0.00009	(81031603)
365518.56	3766007.50	0.00009	(81020324)	365643.56	3766007.50	0.00008	(81061422)
365768.56	3766007.50	0.00008	(81021407)	364268.56	3766132.50	0.00012	(81020723)
364393.56	3766132.50	0.00015	(81042822)	364518.56	3766132.50	0.00019	(81112923)
365518.56	3766132.50	0.00011	(81112223)	365643.56	3766132.50	0.00010	(81071805)
365768.56	3766132.50	0.00009	(81100401)	364268.56	3766257.50	0.00013	(81081922)
364393.56	3766257.50	0.00017	(81100406)	364518.56	3766257.50	0.00023	(81111020)
365518.56	3766257.50	0.00015	(81022601)	365643.56	3766257.50	0.00012	(81092503)
365768.56	3766257.50	0.00010	(81042003)	364268.56	3766382.50	0.00012	(81092922)
364393.56	3766382.50	0.00015	(81080307)	364518.56	3766382.50	0.00021	(81100820)
365518.56	3766382.50	0.00019	(81022723)	365643.56	3766382.50	0.00014	(81051702)
365768.56	3766382.50	0.00011	(81050405)	364268.56	3766507.50	0.00010	(81092823)
364393.56	3766507.50	0.00012	(81061202)	364518.56	3766507.50	0.00014	(81122807)
365518.56	3766507.50	0.00019	(81082002)	365643.56	3766507.50	0.00014	(81033022)
365768.56	3766507.50	0.00011	(81122907)	364268.56	3766632.50	0.00009	(81123106)
364393.56	3766632.50	0.00010	(81010609)	364518.56	3766632.50	0.00011	(81092223)
365518.56	3766632.50	0.00016	(81113006)	365643.56	3766632.50	0.00013	(81081020)
365768.56	3766632.50	0.00011	(81020320)	364268.56	3766757.50	0.00007	(81011618)
364393.56	3766757.50	0.00008	(81070323)	364518.56	3766757.50	0.00008	(81012307)
364643.56	3766757.50	0.00009	(81110120)	364768.56	3766757.50	0.00009	(81122401)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S):

L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111, L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364893.56	3766757.50	0.00009	(81062923)	365018.56	3766757.50	0.00010	(81052621)
365143.56	3766757.50	0.00011	(81081407)	365268.56	3766757.50	0.00012	(81110304)
365393.56	3766757.50	0.00013	(81011317)	365518.56	3766757.50	0.00012	(81070303)
365643.56	3766757.50	0.00011	(81051821)	365768.56	3766757.50	0.00009	(81030819)
364268.56	3766882.50	0.00006	(81022308)	364393.56	3766882.50	0.00007	(81033107)
364518.56	3766882.50	0.00007	(81040621)	364643.56	3766882.50	0.00007	(81111907)
364768.56	3766882.50	0.00007	(81102024)	364893.56	3766882.50	0.00008	(81040421)
365018.56	3766882.50	0.00008	(81072401)	365143.56	3766882.50	0.00009	(81041522)
365268.56	3766882.50	0.00009	(81110719)	365393.56	3766882.50	0.00010	(81051320)
365518.56	3766882.50	0.00009	(81032919)	365643.56	3766882.50	0.00009	(81053122)
365768.56	3766882.50	0.00008	(81091120)	364268.56	3767007.50	0.00006	(81112424)
364393.56	3767007.50	0.00006	(81110120)	364518.56	3767007.50	0.00006	(81012003)
364643.56	3767007.50	0.00006	(81042923)	364768.56	3767007.50	0.00006	(81041101)
364893.56	3767007.50	0.00007	(81121704)	365018.56	3767007.50	0.00007	(81102201)
365143.56	3767007.50	0.00007	(81112604)	365268.56	3767007.50	0.00007	(81120618)
365393.56	3767007.50	0.00008	(81011922)	365518.56	3767007.50	0.00008	(81091321)
365643.56	3767007.50	0.00008	(81102221)	365768.56	3767007.50	0.00007	(81081405)
364787.78	3766259.50	0.00046	(81112923)	365206.84	3766357.75	0.00046	(81031821)
365180.28	3766456.25	0.00050	(81020424)	364769.34	3766358.25	0.00049	(81070606)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.00013 AT (365068.56, 3766437.50,	0.00, 0.00)	DC NA
	2ND HIGHEST VALUE IS	0.00013 AT (365008.56, 3766417.50,	0.00, 0.00)	DC NA
	3RD HIGHEST VALUE IS	0.00013 AT (365028.56, 3766437.50,	0.00, 0.00)	DC NA
	4TH HIGHEST VALUE IS	0.00013 AT (364928.56, 3766397.50,	0.00, 0.00)	DC NA
	5TH HIGHEST VALUE IS	0.00012 AT (365048.56, 3766437.50,	0.00, 0.00)	DC NA
	6TH HIGHEST VALUE IS	0.00012 AT (364988.56, 3766417.50,	0.00, 0.00)	DC NA

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

1 *** ISC3P - VERSION 04269 ***

*** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

PAGE 29

**MODELOPTS: CONC URBAN FLAT DEFAULT

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

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

NOxGrad.POU.txt

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR	(XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.00058	ON 81111020: AT (	364743.56, 3766307.50,	0.00, 0.00)	DC NA

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

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DFAULT

*** Message Summary : ISC3P Model Execution ***
 ----- Summary of Total Messages -----
 A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 1673 Informational Message(s)
 A Total of 1673 Calm Hours Identified

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

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISC3P Finishes Successfully ***

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PM10

```

**
*****
**
** ISC-PRIME Input Produced by:
** AERMOD View Ver. 6.0.0
** Lakes Environmental Software Inc.
** Date: 8/31/2009
** File: C:\AERMOD Projects\EXPO\Expo LST\ISC3 runs\Grading\PM10\PM10Grad.PIN
**
*****
**
**
*****
** ISC-PRIME Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc
  MODELOPT DFAULT CONC URBAN
  AVERTIME 24 ANNUAL
  POLLUTID PM-10
  TERRHGTs FLAT
  RUNORNOT RUN
CO FINISHED
**
*****
** ISC-PRIME Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** LOCATION AREA1 AREA 364796.290 3766260.790
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE1
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.45E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364785.07, 3766272.26, 0.00, 5.00, 0.0
** 365204.52, 3766371.86, 0.00, 5.00, 17.38
** -----
** LOCATION L0008973 VOLUME 364794.793 3766274.558
** LOCATION L0008974 VOLUME 364831.157 3766283.184
** LOCATION L0008975 VOLUME 364867.521 3766291.810
** LOCATION L0008976 VOLUME 364903.886 3766300.435
** LOCATION L0008977 VOLUME 364940.250 3766309.061
** LOCATION L0008978 VOLUME 364976.615 3766317.687
** LOCATION L0008979 VOLUME 365012.979 3766326.313
** LOCATION L0008980 VOLUME 365049.344 3766334.939
** LOCATION L0008981 VOLUME 365085.708 3766343.565
** LOCATION L0008982 VOLUME 365122.072 3766352.190
** LOCATION L0008983 VOLUME 365158.437 3766360.816
** LOCATION L0008984 VOLUME 365194.801 3766369.442
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE2
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.45E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364781.36, 3766292.87, 0.00, 5.00, 0.0
** 365201.75, 3766392.48, 0.00, 5.00, 17.42
** -----
** LOCATION L0008985 VOLUME 364791.105 3766295.059
** LOCATION L0008986 VOLUME 364827.552 3766303.707
** LOCATION L0008987 VOLUME 364863.999 3766312.356
** LOCATION L0008988 VOLUME 364900.445 3766321.004
** LOCATION L0008989 VOLUME 364936.892 3766329.652
** LOCATION L0008990 VOLUME 364973.339 3766338.301
** LOCATION L0008991 VOLUME 365009.786 3766346.949
** LOCATION L0008992 VOLUME 365046.233 3766355.598
** LOCATION L0008993 VOLUME 365082.680 3766364.246
** LOCATION L0008994 VOLUME 365119.126 3766372.894
** LOCATION L0008995 VOLUME 365155.573 3766381.543
** LOCATION L0008996 VOLUME 365192.020 3766390.191
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE3
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.45E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364778.52, 3766312.48, 0.00, 5.00, 0.0
** 365197.51, 3766411.14, 0.00, 5.00, 17.36
** -----
** LOCATION L0008997 VOLUME 364788.265 3766314.794
** LOCATION L0008998 VOLUME 364824.583 3766323.354
** LOCATION L0008999 VOLUME 364860.901 3766331.914
** LOCATION L0009000 VOLUME 364897.220 3766340.475
** LOCATION L0009001 VOLUME 364933.538 3766349.035
** LOCATION L0009002 VOLUME 364969.856 3766357.595
** LOCATION L0009003 VOLUME 365006.175 3766366.155
** LOCATION L0009004 VOLUME 365042.493 3766374.715
** LOCATION L0009005 VOLUME 365078.812 3766383.275
** LOCATION L0009006 VOLUME 365115.130 3766391.836
** LOCATION L0009007 VOLUME 365151.448 3766400.396
** LOCATION L0009008 VOLUME 365187.767 3766408.956
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE4
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.45E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33

```

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** Nodes = 2
** 364774.31, 3766331.61, 0.00, 5.00, 0.0
** 365193.30, 3766430.75, 0.00, 5.00, 17.36
**
LOCATION L0009009 VOLUME 364784.043 3766333.805
LOCATION L0009010 VOLUME 364820.362 3766342.409
LOCATION L0009011 VOLUME 364856.681 3766351.012
LOCATION L0009012 VOLUME 364893.000 3766359.616
LOCATION L0009013 VOLUME 364929.319 3766368.220
LOCATION L0009014 VOLUME 364965.637 3766376.823
LOCATION L0009015 VOLUME 365001.956 3766385.427
LOCATION L0009016 VOLUME 365038.275 3766394.030
LOCATION L0009017 VOLUME 365074.594 3766402.634
LOCATION L0009018 VOLUME 365110.913 3766411.238
LOCATION L0009019 VOLUME 365147.232 3766419.841
LOCATION L0009020 VOLUME 365183.551 3766428.445
** End of Line Source
** Line Source represented by Separated Volume Sources
**
** LINE Source ID = SLINES
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.45E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364771.54, 3766348.80, 0.00, 5.00, 0.0
** 365190.53, 3766448.40, 0.00, 5.00, 17.37
**
LOCATION L0009021 VOLUME 364781.259 3766351.066
LOCATION L0009022 VOLUME 364817.582 3766359.713
LOCATION L0009023 VOLUME 364853.904 3766368.360
LOCATION L0009024 VOLUME 364890.226 3766377.007
LOCATION L0009025 VOLUME 364926.548 3766385.654
LOCATION L0009026 VOLUME 364962.870 3766394.301
LOCATION L0009027 VOLUME 364999.192 3766402.949
LOCATION L0009028 VOLUME 365035.514 3766411.596
LOCATION L0009029 VOLUME 365071.837 3766420.243
LOCATION L0009030 VOLUME 365108.159 3766428.890
LOCATION L0009031 VOLUME 365144.481 3766437.537
LOCATION L0009032 VOLUME 365180.803 3766446.184
** End of Line Source
** Source Parameters **
SRCPARAM AREA1 2.35E-07 1.000 418.020 101.120 346.731
SRCPARAM L0008973 1.2083E-09 5.00 17.38 2.33
SRCPARAM L0008974 1.2083E-09 5.00 17.38 2.33
SRCPARAM L0008975 1.2083E-09 5.00 17.38 2.33
SRCPARAM L0008976 1.2083E-09 5.00 17.38 2.33
SRCPARAM L0008977 1.2083E-09 5.00 17.38 2.33
SRCPARAM L0008978 1.2083E-09 5.00 17.38 2.33
SRCPARAM L0008979 1.2083E-09 5.00 17.38 2.33
SRCPARAM L0008980 1.2083E-09 5.00 17.38 2.33
SRCPARAM L0008981 1.2083E-09 5.00 17.38 2.33
SRCPARAM L0008982 1.2083E-09 5.00 17.38 2.33
SRCPARAM L0008983 1.2083E-09 5.00 17.38 2.33
SRCPARAM L0008984 1.2083E-09 5.00 17.38 2.33
SRCPARAM L0008985 1.2083E-09 5.00 17.42 2.33
SRCPARAM L0008986 1.2083E-09 5.00 17.42 2.33
SRCPARAM L0008987 1.2083E-09 5.00 17.42 2.33
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SRCPARAM L0008990 1.2083E-09 5.00 17.42 2.33
SRCPARAM L0008991 1.2083E-09 5.00 17.42 2.33
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SRCPARAM L0008996 1.2083E-09 5.00 17.42 2.33
SRCPARAM L0008997 1.2083E-09 5.00 17.36 2.33
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SRCPARAM L0009003 1.2083E-09 5.00 17.36 2.33
SRCPARAM L0009004 1.2083E-09 5.00 17.36 2.33
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SRCPARAM L0009006 1.2083E-09 5.00 17.36 2.33
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SRCPARAM L0009020 1.2083E-09 5.00 17.36 2.33
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SRCPARAM L0009031 1.2083E-09 5.00 17.37 2.33
SRCPARAM L0009032 1.2083E-09 5.00 17.37 2.33
SRCGROUP ALL
SO FINISHED
**
*****
** ISC-PRIME Receptor Pathway
*****
**
**
RE STARTING
** DESCRREC "Res" "Residential"
DISCCART 365195.56 3766329.20
DISCCART 365046.70 3766293.15
DISCCART 364925.03 3766265.02
DISCCART 364810.05 3766234.54

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DISCCART 365384.34 3766356.86
DISCCART 365410.66 3766309.74
DISCCART 365214.23 3766258.34
DISCCART 365061.86 3766221.01
DISCCART 364950.49 3766192.86
DISCCART 364851.97 3766170.22
DISCCART 364936.41 3766071.09
DISCCART 365000.67 3766093.73
DISCCART 365093.68 3766116.99
DISCCART 365250.94 3766158.60
DISCCART 365455.33 3766211.83
** BEGIN OF NESTED GRID RECEPTORS

** Nested Grid ID = NSTD2
** Grid Count = 5
** Receptor Count = 417
** X Origin of Bounding Box = 364768.57
** Y Origin of Bounding Box = 3766257.55
** X Size of Bounding Box = 440.00
** Y Size of Bounding Box = 200.00
** Grid #1: Distance from Bounding Box = 25.00 Spacing = 25.00
** Grid #2: Distance from Bounding Box = 50.00 Spacing = 50.00
** Grid #3: Distance from Bounding Box = 100.00 Spacing = 75.00
** Grid #4: Distance from Bounding Box = 200.00 Spacing = 100.00
** Grid #5: Distance from Bounding Box = 500.00 Spacing = 125.00
DISCCART 364768.57 3766257.55
DISCCART 364788.57 3766257.55
DISCCART 364808.57 3766257.55
DISCCART 364828.57 3766257.55
DISCCART 364848.57 3766257.55
DISCCART 364868.57 3766257.55
DISCCART 364888.57 3766257.55
DISCCART 364908.57 3766257.55
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DISCCART 364968.57 3766257.55
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DISCCART 365208.57 3766397.55
DISCCART 364768.57 3766417.55

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DISCCART	364918.57	3766207.55
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DISCCART	365018.57	3766207.55
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DISCCART	365068.57	3766507.55
DISCCART	365118.57	3766507.55
DISCCART	365168.57	3766507.55
DISCCART	365218.57	3766507.55
DISCCART	365268.57	3766507.55
DISCCART	364668.57	3766157.55
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DISCCART	364818.57	3766157.55
DISCCART	364893.57	3766157.55
DISCCART	364968.57	3766157.55
DISCCART	365043.57	3766157.55
DISCCART	365118.57	3766157.55
DISCCART	365193.57	3766157.55
DISCCART	365268.57	3766157.55
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DISCCART	365268.57	3766382.55
DISCCART	365343.57	3766382.55
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DISCCART	365268.57	3766457.55
DISCCART	365343.57	3766457.55
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DISCCART	364893.57	3766532.55
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DISCCART	365043.57	3766532.55
DISCCART	365118.57	3766532.55
DISCCART	365193.57	3766532.55
DISCCART	365268.57	3766532.55
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DISCCART	364668.57	3766057.55
DISCCART	364768.57	3766057.55
DISCCART	364868.57	3766057.55
DISCCART	364968.57	3766057.55
DISCCART	365068.57	3766057.55
DISCCART	365168.57	3766057.55
DISCCART	365268.57	3766057.55
DISCCART	365368.57	3766057.55
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DISCCART	364568.57	3766357.55
DISCCART	365368.57	3766357.55
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DISCCART	364568.57	3766657.55
DISCCART	364668.57	3766657.55
DISCCART	364768.57	3766657.55
DISCCART	364868.57	3766657.55
DISCCART	364968.57	3766657.55
DISCCART	365068.57	3766657.55
DISCCART	365168.57	3766657.55
DISCCART	365268.57	3766657.55
DISCCART	365368.57	3766657.55
DISCCART	364268.57	3765757.55
DISCCART	364393.57	3765757.55
DISCCART	364518.57	3765757.55
DISCCART	364643.57	3765757.55
DISCCART	364768.57	3765757.55
DISCCART	364893.57	3765757.55
DISCCART	365018.57	3765757.55
DISCCART	365143.57	3765757.55
DISCCART	365268.57	3765757.55
DISCCART	365393.57	3765757.55
DISCCART	365518.57	3765757.55
DISCCART	365643.57	3765757.55
DISCCART	365768.57	3765757.55
DISCCART	364268.57	3765882.55
DISCCART	364393.57	3765882.55
DISCCART	364518.57	3765882.55
DISCCART	364643.57	3765882.55
DISCCART	364768.57	3765882.55

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DISCCART 364893.57 3765882.55
DISCCART 365018.57 3765882.55
DISCCART 365143.57 3765882.55
DISCCART 365268.57 3765882.55
DISCCART 365393.57 3765882.55
DISCCART 365518.57 3765882.55
DISCCART 365643.57 3765882.55
DISCCART 365768.57 3765882.55
DISCCART 364268.57 3766007.55
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DISCCART 364268.57 3766382.55
DISCCART 364393.57 3766382.55
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DISCCART 365518.57 3766382.55
DISCCART 365643.57 3766382.55
DISCCART 365768.57 3766382.55
DISCCART 364268.57 3766507.55
DISCCART 364393.57 3766507.55
DISCCART 364518.57 3766507.55
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DISCCART 365768.57 3766507.55
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DISCCART 364393.57 3766632.55
DISCCART 364518.57 3766632.55
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DISCCART 365768.57 3766632.55
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DISCCART 365143.57 3766757.55
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DISCCART 365643.57 3766882.55
DISCCART 365768.57 3766882.55
DISCCART 364268.57 3767007.55
DISCCART 364393.57 3767007.55
DISCCART 364518.57 3767007.55
DISCCART 364643.57 3767007.55
DISCCART 364768.57 3767007.55
DISCCART 364893.57 3767007.55
DISCCART 365018.57 3767007.55
DISCCART 365143.57 3767007.55
DISCCART 365268.57 3767007.55
DISCCART 365393.57 3767007.55
DISCCART 365518.57 3767007.55
DISCCART 365643.57 3767007.55
DISCCART 365768.57 3767007.55
** -----
** END OF NESTED GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name SITE
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART 364787.78 3766259.45
DISCCART 365206.82 3766357.85
DISCCART 365180.28 3766456.25
DISCCART 364769.34 3766358.20
RE FINISHED
**
*****
** ISC-PRIME Meteorology Pathway
*****
**
**
ME STARTING
INPUTFIL C:\AERMOD~1\METDAT~1\WESTLA.ASC
ANEMHGH 97 METERS
SURFDATA 52158 1981
UAIRDATA 91919 1981
ME FINISHED
**
*****
** ISC-PRIME Output Pathway
*****
**
**

```

OU STARTING
 RECTABLE ALLAVE 1ST 6TH
 RECTABLE 24 1ST 6TH
 ** Auto-Generated Plotfiles
 PLOTFILE 24 ALL 1ST PM10GRAD.PR\24H1GALL.PLT
 PLOTFILE 24 ALL 6TH PM10GRAD.PR\24H6GALL.PLT
 PLOTFILE ANNUAL ALL PM10GRAD.PR\AN00GALL.PLT
 OU FINISHED

*** Message Summary For ISC3P Model Setup ***

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

A Total of 0 Fatal Error Message(s)
 A Total of 1 Warning Message(s)
 A Total of 0 Informational Message(s)

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

***** WARNING MESSAGES *****
 SO W320 162 APARAM :Source Parameter May Be Out-of-Range for Parameter ANGLE

 *** SETUP Finishes Successfully ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --
 **Model Uses NO DRY DEPLETION. DDPLETE = F
 **Model Uses NO WET DEPLETION. WDPLETE = F
 **NO WET SCAVENGING Data Provided.
 **Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations
 **Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
 1. Final Plume Rise.
 2. Stack-tip Downwash.
 3. Buoyancy-induced Dispersion.
 4. Use Calms Processing Routine.
 5. Not Use Missing Data Processing Routine.
 6. Default wind Profile Exponents.
 7. Default Vertical Potential Temperature Gradients.
 8. "Upper Bound" values for Supersquat Buildings.
 9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 61 Source(s); 1 Source Group(s); and 438 Receptor(s)

**The Model Assumes A Pollutant Type of: PM-10

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

**Output Options Selected:
 Model Outputs Tables of ANNUAL Averages by Receptor
 Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
 Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

**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: Anem. Hgt. (m) = 97.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0008973	0	0.12083E-08	364794.8	3766274.5	0.0	5.00	17.38	2.33	
L0008974	0	0.12083E-08	364831.2	3766283.0	0.0	5.00	17.38	2.33	
L0008975	0	0.12083E-08	364867.5	3766291.8	0.0	5.00	17.38	2.33	
L0008976	0	0.12083E-08	364903.9	3766300.5	0.0	5.00	17.38	2.33	
L0008977	0	0.12083E-08	364940.2	3766309.0	0.0	5.00	17.38	2.33	
L0008978	0	0.12083E-08	364976.6	3766317.5	0.0	5.00	17.38	2.33	
L0008979	0	0.12083E-08	365013.0	3766326.2	0.0	5.00	17.38	2.33	
L0008980	0	0.12083E-08	365049.3	3766335.0	0.0	5.00	17.38	2.33	
L0008981	0	0.12083E-08	365085.7	3766343.5	0.0	5.00	17.38	2.33	
L0008982	0	0.12083E-08	365122.1	3766352.0	0.0	5.00	17.38	2.33	
L0008983	0	0.12083E-08	365158.4	3766360.8	0.0	5.00	17.38	2.33	
L0008984	0	0.12083E-08	365194.8	3766369.5	0.0	5.00	17.38	2.33	
L0008985	0	0.12083E-08	364791.1	3766295.0	0.0	5.00	17.42	2.33	
L0008986	0	0.12083E-08	364827.6	3766303.8	0.0	5.00	17.42	2.33	
L0008987	0	0.12083E-08	364864.0	3766312.2	0.0	5.00	17.42	2.33	
L0008988	0	0.12083E-08	364900.4	3766321.0	0.0	5.00	17.42	2.33	
L0008989	0	0.12083E-08	364936.9	3766329.5	0.0	5.00	17.42	2.33	

PM10Grad.POU.txt
L0008990 0 0.12083E-08 364973.3 3766338.2 0.0 5.00 17.42 2.33
L0008991 0 0.12083E-08 365009.8 3766347.0 0.0 5.00 17.42 2.33
L0008992 0 0.12083E-08 365046.2 3766355.5 0.0 5.00 17.42 2.33
L0008993 0 0.12083E-08 365082.7 3766364.2 0.0 5.00 17.42 2.33
L0008994 0 0.12083E-08 365119.1 3766372.8 0.0 5.00 17.42 2.33
L0008995 0 0.12083E-08 365155.6 3766381.5 0.0 5.00 17.42 2.33
L0008996 0 0.12083E-08 365192.0 3766390.0 0.0 5.00 17.42 2.33
L0008997 0 0.12083E-08 364788.2 3766314.8 0.0 5.00 17.36 2.33
L0008998 0 0.12083E-08 364824.6 3766323.2 0.0 5.00 17.36 2.33
L0008999 0 0.12083E-08 364860.9 3766332.0 0.0 5.00 17.36 2.33
L0009000 0 0.12083E-08 364897.2 3766340.5 0.0 5.00 17.36 2.33
L0009001 0 0.12083E-08 364933.5 3766349.0 0.0 5.00 17.36 2.33
L0009002 0 0.12083E-08 364969.9 3766357.5 0.0 5.00 17.36 2.33
L0009003 0 0.12083E-08 365006.2 3766366.0 0.0 5.00 17.36 2.33
L0009004 0 0.12083E-08 365042.5 3766374.8 0.0 5.00 17.36 2.33
L0009005 0 0.12083E-08 365078.8 3766383.2 0.0 5.00 17.36 2.33
L0009006 0 0.12083E-08 365115.1 3766391.8 0.0 5.00 17.36 2.33
L0009007 0 0.12083E-08 365151.4 3766400.2 0.0 5.00 17.36 2.33
L0009008 0 0.12083E-08 365187.8 3766409.0 0.0 5.00 17.36 2.33
L0009009 0 0.12083E-08 364784.0 3766333.8 0.0 5.00 17.36 2.33
L0009010 0 0.12083E-08 364820.4 3766342.5 0.0 5.00 17.36 2.33
L0009011 0 0.12083E-08 364856.7 3766351.0 0.0 5.00 17.36 2.33
L0009012 0 0.12083E-08 364893.0 3766359.5 0.0 5.00 17.36 2.33
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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 3

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0009013	0	0.12083E-08	364929.3	3766368.2	0.0	5.00	17.36	2.33	
L0009014	0	0.12083E-08	364965.6	3766376.8	0.0	5.00	17.36	2.33	
L0009015	0	0.12083E-08	365002.0	3766385.5	0.0	5.00	17.36	2.33	
L0009016	0	0.12083E-08	365038.2	3766394.0	0.0	5.00	17.36	2.33	
L0009017	0	0.12083E-08	365074.6	3766402.5	0.0	5.00	17.36	2.33	
L0009018	0	0.12083E-08	365110.9	3766411.2	0.0	5.00	17.36	2.33	
L0009019	0	0.12083E-08	365147.2	3766419.8	0.0	5.00	17.36	2.33	
L0009020	0	0.12083E-08	365183.6	3766428.5	0.0	5.00	17.36	2.33	
L0009021	0	0.12083E-08	364781.2	3766351.0	0.0	5.00	17.37	2.33	
L0009022	0	0.12083E-08	364817.6	3766359.8	0.0	5.00	17.37	2.33	
L0009023	0	0.12083E-08	364853.9	3766368.2	0.0	5.00	17.37	2.33	
L0009024	0	0.12083E-08	364890.2	3766377.0	0.0	5.00	17.37	2.33	
L0009025	0	0.12083E-08	364926.5	3766385.5	0.0	5.00	17.37	2.33	
L0009026	0	0.12083E-08	364962.9	3766394.2	0.0	5.00	17.37	2.33	
L0009027	0	0.12083E-08	364999.2	3766403.0	0.0	5.00	17.37	2.33	
L0009028	0	0.12083E-08	365035.5	3766411.5	0.0	5.00	17.37	2.33	
L0009029	0	0.12083E-08	365071.8	3766420.2	0.0	5.00	17.37	2.33	
L0009030	0	0.12083E-08	365108.2	3766428.8	0.0	5.00	17.37	2.33	
L0009031	0	0.12083E-08	365144.5	3766437.5	0.0	5.00	17.37	2.33	
L0009032	0	0.12083E-08	365180.8	3766446.0	0.0	5.00	17.37	2.33	

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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 4

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
AREA1	0	0.23500E-06	364796.3	3766260.8	0.0	1.00	418.02	101.12	346.73	0.00	

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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 5

*** SOURCE IDS DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDS

ALL AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, L0009002, L0009003, L0009004, L0009005, L0009006, L0009007, L0009008, L0009009, L0009010, L0009011, L0009012, L0009013, L0009014, L0009015, L0009016, L0009017, L0009018, L0009019, L0009020, L0009021, L0009022, L0009023, L0009024, L0009025, L0009026, L0009027, L0009028, L0009029, L0009030, L0009031, L0009032,

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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 6

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

(365195.6, 3766329.2,	0.0,	0.0);	(365046.7, 3766293.0,	0.0,	0.0);
(364925.0, 3766265.0,	0.0,	0.0);	(364810.1, 3766234.5,	0.0,	0.0);
(365230.9, 3766352.8,	0.0,	0.0);	(365358.0, 3766388.0,	0.0,	0.0);
(365384.3, 3766356.8,	0.0,	0.0);	(365410.7, 3766309.8,	0.0,	0.0);
(365214.2, 3766258.2,	0.0,	0.0);	(365061.9, 3766221.0,	0.0,	0.0);
(364950.5, 3766192.8,	0.0,	0.0);	(364852.0, 3766170.2,	0.0,	0.0);
(364936.4, 3766071.0,	0.0,	0.0);	(365000.7, 3766093.8,	0.0,	0.0);
(365093.7, 3766117.0,	0.0,	0.0);	(365250.9, 3766158.5,	0.0,	0.0);
(365455.3, 3766211.8,	0.0,	0.0);	(364768.6, 3766257.5,	0.0,	0.0);
(364788.6, 3766257.5,	0.0,	0.0);	(364808.6, 3766257.5,	0.0,	0.0);
(364828.6, 3766257.5,	0.0,	0.0);	(364848.6, 3766257.5,	0.0,	0.0);
(364868.6, 3766257.5,	0.0,	0.0);	(364888.6, 3766257.5,	0.0,	0.0);

PM10Grad.POU.txt
(365268.6, 3766882.5, 0.0, 0.0); (365393.6, 3766882.5, 0.0, 0.0);
(365518.6, 3766882.5, 0.0, 0.0); (365643.6, 3766882.5, 0.0, 0.0);
(365768.6, 3766882.5, 0.0, 0.0); (364268.6, 3767007.5, 0.0, 0.0);
(364393.6, 3767007.5, 0.0, 0.0); (364518.6, 3767007.5, 0.0, 0.0);
(364643.6, 3767007.5, 0.0, 0.0); (364768.6, 3767007.5, 0.0, 0.0);
(364893.6, 3767007.5, 0.0, 0.0); (365018.6, 3767007.5, 0.0, 0.0);
(365143.6, 3767007.5, 0.0, 0.0); (365268.6, 3767007.5, 0.0, 0.0);
(365393.6, 3767007.5, 0.0, 0.0); (365518.6, 3767007.5, 0.0, 0.0);
(365643.6, 3767007.5, 0.0, 0.0); (365768.6, 3767007.5, 0.0, 0.0);
(364787.8, 3766259.5, 0.0, 0.0); (365206.8, 3766357.8, 0.0, 0.0);
(365180.3, 3766456.2, 0.0, 0.0); (364769.3, 3766358.2, 0.0, 0.0);
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0008973	364768.6	3766257.5	-6.12
L0008973	364788.6	3766257.5	-19.27
L0008973	364808.6	3766257.5	-15.48
L0008973	364828.6	3766257.5	0.45
L0008973	364768.6	3766277.5	-10.98
L0008973	364768.6	3766297.5	-2.49
L0008973	364787.8	3766259.5	-20.81
L0008974	364808.6	3766257.5	-3.30
L0008974	364828.6	3766257.5	-11.74
L0008974	364848.6	3766257.5	-6.49
L0008974	364868.6	3766277.5	0.44
L0008975	364868.6	3766257.5	-3.10
L0008975	364868.6	3766277.5	-23.08
L0008975	364888.6	3766277.5	-11.96
L0008976	364888.6	3766277.5	-9.72
L0008976	364908.6	3766277.5	-13.90
L0008976	364928.6	3766277.5	-3.65
L0008977	364928.6	3766277.5	-3.77
L0008977	364948.6	3766277.5	-4.79
L0008977	364968.6	3766297.5	-6.81
L0008978	364968.6	3766297.5	-15.81
L0008978	364988.6	3766297.5	-14.06
L0008978	365008.6	3766297.5	0.34
L0008979	364988.6	3766297.5	0.35
L0008979	365008.6	3766297.5	-8.28
L0008979	365028.6	3766297.5	-4.66
L0008979	365048.6	3766317.5	-0.71
L0008980	365048.6	3766297.5	0.14
L0008980	365048.6	3766317.5	-19.85
L0008980	365068.6	3766317.5	-11.37
L0008981	365068.6	3766317.5	-6.23
L0008981	365088.6	3766317.5	-11.21
L0008981	365108.6	3766317.5	-2.74
L0008982	365108.6	3766317.5	-0.32
L0008982	365128.6	3766317.5	-2.26
L0008982	365128.6	3766337.5	-21.48
L0008982	365148.6	3766337.5	-7.16
L0008983	365128.6	3766337.5	0.49
L0008983	365148.6	3766337.5	-12.11
L0008983	365168.6	3766337.5	-12.01

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0008983	365188.6	3766337.5	0.69
L0008984	365188.6	3766337.5	-4.76
L0008984	365208.6	3766337.5	-2.54
L0008984	365208.6	3766357.5	-19.12
L0008984	365208.6	3766377.5	-21.46
L0008984	365208.6	3766397.5	-6.17
L0008984	365218.6	3766357.5	-10.76
L0008984	365218.6	3766382.5	-10.29
L0008984	365206.8	3766357.8	-20.55
L0008985	364788.6	3766257.5	0.13
L0008985	364768.6	3766277.5	-8.92
L0008985	364768.6	3766297.5	-14.78
L0008985	364768.6	3766317.5	-5.61
L0008985	364787.8	3766259.5	-1.80
L0008987	364868.6	3766277.5	-2.40
L0008992	365048.6	3766317.5	0.62
L0008994	365128.6	3766337.5	-0.96
L0008996	365208.6	3766357.5	-0.99
L0008996	365208.6	3766377.5	-16.73
L0008996	365208.6	3766397.5	-19.30
L0008996	365208.6	3766417.5	-5.37
L0008996	365218.6	3766382.5	-9.88
L0008996	365218.6	3766407.5	-5.67
L0008996	365206.8	3766357.8	-1.96
L0008997	364768.6	3766297.5	-11.15
L0008997	364768.6	3766317.5	-17.45
L0008997	364768.6	3766337.5	-7.24
L0009008	365208.6	3766377.5	0.43
L0009008	365208.6	3766397.5	-13.55
L0009008	365208.6	3766417.5	-14.84
L0009008	365188.6	3766437.5	-8.81
L0009008	365208.6	3766437.5	-2.03
L0009008	365218.6	3766407.5	-6.48
L0009009	364768.6	3766317.5	-14.89
L0009009	364768.6	3766337.5	-21.41
L0009009	364768.6	3766357.5	-8.98
L0009009	364769.3	3766358.2	-8.76
L0009010	364808.6	3766377.5	-0.38
L0009010	364828.6	3766377.5	-1.38
L0009011	364848.6	3766377.5	-9.61

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS:  CONC

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URBAN FLAT

DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	RECEPTOR XR (METERS)	LOCATION YR (METERS)	DISTANCE (METERS)
L00009012	364888.6	3766397.5	0.93
L00009013	364908.6	3766397.5	-1.46
L00009013	364928.6	3766397.5	-8.06
L00009015	364988.6	3766417.5	-2.63
L00009015	365008.6	3766417.5	-4.65
L00009016	365008.6	3766417.5	0.54
L00009017	365068.6	3766437.5	-1.81
L00009017	365088.6	3766437.5	0.36
L00009018	365148.6	3766457.5	-2.83
L00009019	365208.6	3766477.5	0.45
L00009020	365188.6	3766437.5	-10.01
L00009020	365208.6	3766437.5	-27.03
L00009020	365168.6	3766457.5	-10.75
L00009020	365188.6	3766457.5	-4.67
L00009020	365188.6	3766457.5	-7.90
L00009020	365208.6	3766457.5	0.96
L00009020	365218.6	3766432.5	-2.10
L00009020	365180.3	3766456.2	-9.38
L00009021	364768.6	3766317.5	-1.52
L00009021	364768.6	3766337.5	-18.82
L00009021	364768.6	3766357.5	-23.09
L00009021	364768.6	3766377.5	-7.96
L00009021	364788.6	3766377.5	-9.86
L00009021	364808.6	3766377.5	0.71
L00009021	364743.6	3766357.5	0.90
L00009021	364769.3	3766358.2	-23.41
L00009022	364788.6	3766377.5	-3.32
L00009022	364808.6	3766377.5	-17.43
L00009022	364828.6	3766377.5	-16.48
L00009022	364848.6	3766377.5	-1.65
L00009023	364828.6	3766377.5	-10.37
L00009023	364848.6	3766377.5	-26.66
L00009023	364848.6	3766397.5	-7.61
L00009023	364868.6	3766397.5	-4.63
L00009024	364868.6	3766397.5	-7.53
L00009024	364888.6	3766397.5	-16.78
L00009024	364908.6	3766397.5	-9.84
L00009025	364908.6	3766397.5	-15.74
L00009025	364928.6	3766397.5	-25.17
L00009025	364908.6	3766417.5	-0.66

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**MODELOPTS:  CONC
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URBAN FLAT

DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009025	364928.6	3766417.5	-5.28
L0009026	364928.6	3766397.5	-2.88
L0009026	364948.6	3766417.5	-10.04
L0009026	364968.6	3766417.5	-13.41
L0009026	364988.6	3766417.5	-2.70
L0009027	364968.6	3766417.5	-3.46
L0009027	364988.6	3766417.5	-19.37
L0009027	365008.6	3766417.5	-20.08
L0009027	364988.6	3766437.5	-1.59
L0009027	365008.6	3766437.5	-9.75
L0009028	365008.6	3766417.5	0.09
L0009028	365028.6	3766437.5	-10.44
L0009028	365048.6	3766437.5	-8.25
L0009029	365048.6	3766437.5	-8.37
L0009029	365068.6	3766437.5	-19.79
L0009029	365088.6	3766437.5	-13.32
L0009029	365068.6	3766457.5	0.05
L0009030	365088.6	3766437.5	-15.89
L0009030	365088.6	3766457.5	-2.55
L0009030	365108.6	3766457.5	-8.59
L0009030	365128.6	3766457.5	-2.09
L0009031	365128.6	3766457.5	-11.77
L0009031	365148.6	3766457.5	-16.94
L0009031	365168.6	3766457.5	-6.06
L0009032	365188.6	3766437.5	-25.84
L0009032	365208.6	3766437.5	-8.32
L0009032	365148.6	3766457.5	-3.11
L0009032	365168.6	3766457.5	-20.54
L0009032	365188.6	3766457.5	-23.48
L0009032	365208.6	3766457.5	-7.31
L0009032	365180.3	3766456.2	-27.00

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

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**MODELOPTs:  CONC

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URBAN FLAT

DFAULT

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

[illegible]

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	1	2	3	4	5	6
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

FILE: C:\AERMOD~1\METDAT~1\WESTLA.ASC

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)

SURFACE STATION NO.: 52158

UPPER AIR STATION NO.: 91919

NAME: UNKNOWN

NAME: UNKNOWN

YEAR: 1981

YEAR: 1981

YEAR	MONTH	DAY	HOUR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-O (M)	IPCODE	PRATE (mm/HR)
81	1	1	1	67.3	1.00	285.9	7	387.1	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	2	79.9	1.00	286.5	7	397.2	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	3	62.5	1.00	285.9	6	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	4	98.5	1.00	285.9	5	417.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	5	354.0	1.00	285.4	4	427.4	427.4	0.0000	0.0	0.0000	0	0.00
81	1	1	6	139.5	1.00	283.7	5	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	7	94.5	1.00	283.7	6	447.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	8	112.2	1.00	284.3	5	70.1	201.5	0.0000	0.0	0.0000	0	0.00
81	1	1	9	186.5	1.00	287.0	4	144.7	254.3	0.0000	0.0	0.0000	0	0.00
81	1	1	10	256.6	1.00	291.5	3	219.4	307.0	0.0000	0.0	0.0000	0	0.00
81	1	1	11	314.1	1.00	294.8	2	294.0	359.8	0.0000	0.0	0.0000	0	0.00
81	1	1	12	35.6	2.68	290.9	3	368.7	412.5	0.0000	0.0	0.0000	0	0.00
81	1	1	13	64.7	2.24	289.8	3	443.3	465.3	0.0000	0.0	0.0000	0	0.00
81	1	1	14	34.2	2.24	290.4	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	15	44.8	1.34	290.4	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	16	53.2	1.79	289.3	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	17	42.6	0.00	288.1	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	18	30.1	1.00	287.6	5	518.0	468.5	0.0000	0.0	0.0000	0	0.00
81	1	1	19	20.5	0.00	287.0	6	518.0	425.9	0.0000	0.0	0.0000	0	0.00
81	1	1	20	55.7	1.00	287.0	7	518.0	383.4	0.0000	0.0	0.0000	0	0.00
81	1	1	21	43.6	0.00	287.6	7	518.0	340.8	0.0000	0.0	0.0000	0	0.00
81	1	1	22	137.0	1.00	287.0	7	518.0	298.2	0.0000	0.0	0.0000	0	0.00
81	1	1	23	90.7	1.00	286.5	7	518.0	255.6	0.0000	0.0	0.0000	0	0.00
81	1	1	24	67.2	1.00	286.5	6	518.0	213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREA1, L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,

*** 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
365195.56	3766329.25	0.60794	365046.69	3766293.00	0.59787
364925.03	3766265.00	0.50932	364810.06	3766234.50	0.15551
365230.94	3766352.75	0.60357	365358.03	3766388.00	0.20570
365384.34	3766356.75	0.15664	365410.66	3766309.75	0.10873
365214.22	3766258.25	0.21193	365061.88	3766221.00	0.19435
364950.50	3766192.75	0.14778	364851.97	3766170.25	0.07128
364936.41	3766071.00	0.04107	365000.66	3766093.75	0.06238
365093.69	3766117.00	0.08520	365250.94	3766158.50	0.09464
365455.34	3766211.75	0.05986	364768.56	3766257.50	0.18300
364788.56	3766257.50	0.23999	364808.56	3766257.50	0.40541
364828.56	3766257.50	0.49361	364848.56	3766257.50	0.49973
364868.56	3766257.50	0.48475	364888.56	3766257.50	0.46318
364908.56	3766257.50	0.44010	364928.56	3766257.50	0.41763
364948.56	3766257.50	0.39648	364968.56	3766257.50	0.37669
364988.56	3766257.50	0.35840	365008.56	3766257.50	0.34148
365028.56	3766257.50	0.32575	365048.56	3766257.50	0.31117
365068.56	3766257.50	0.29763	365088.56	3766257.50	0.28506
365108.56	3766257.50	0.27346	365128.56	3766257.50	0.26286
365148.56	3766257.50	0.25286	365168.56	3766257.50	0.24231
365188.56	3766257.50	0.22944	365208.56	3766257.50	0.21469
364768.56	3766277.50	0.33175	364868.56	3766277.50	1.18421
364888.56	3766277.50	0.98458	364908.56	3766277.50	0.84122
364928.56	3766277.50	0.73414	364948.56	3766277.50	0.65380
364968.56	3766277.50	0.59110	364988.56	3766277.50	0.54033

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365008.56 3766277.50 0.49813 PM10Grad.POU.txt 365028.56 3766277.50 0.46228
365048.56 3766277.50 0.43120 365068.56 3766277.50 0.40391
365088.56 3766277.50 0.37976 365108.56 3766277.50 0.35823
365128.56 3766277.50 0.33905 365148.56 3766277.50 0.32172
365168.56 3766277.50 0.30495 365188.56 3766277.50 0.28585
365208.56 3766277.50 0.26378 364768.56 3766297.50 0.47848
364968.56 3766297.50 1.18072 364988.56 3766297.50 0.98676
365008.56 3766297.50 0.84632 365028.56 3766297.50 0.74207
365048.56 3766297.50 0.66127 365068.56 3766297.50 0.59686
365088.56 3766297.50 0.54387 365108.56 3766297.50 0.49947
365128.56 3766297.50 0.46166 365148.56 3766297.50 0.42903
365168.56 3766297.50 0.39964 365188.56 3766297.50 0.36931
365208.56 3766297.50 0.33411 364768.56 3766317.50 0.60991
365048.56 3766317.50 1.29888 365068.56 3766317.50 1.07541
365088.56 3766317.50 0.91229 365108.56 3766317.50 0.78979
365128.56 3766317.50 0.69652 365148.56 3766317.50 0.62283
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,
*** 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
365168.56 3766317.50 0.56166 365188.56 3766317.50 0.50585
365208.56 3766317.50 0.44315 364768.56 3766337.50 0.72877
365128.56 3766337.50 1.36545 365148.56 3766337.50 1.11585
365168.56 3766337.50 0.93041 365188.56 3766337.50 0.78639
365208.56 3766337.50 0.64283 364768.56 3766357.50 0.75572
365208.56 3766357.50 1.13108 364768.56 3766377.50 0.47904
364788.56 3766377.50 0.77882 364808.56 3766377.50 1.25360
364828.56 3766377.50 1.82474 364848.56 3766377.50 2.47804
365208.56 3766377.50 1.68900 364768.56 3766397.50 0.34321
364788.56 3766397.50 0.46480 364808.56 3766397.50 0.62860
364828.56 3766397.50 0.83844 364848.56 3766397.50 1.07963
364868.56 3766397.50 1.35333 364888.56 3766397.50 1.68107
364908.56 3766397.50 2.10091 364928.56 3766397.50 2.66506
365208.56 3766397.50 1.70850 364768.56 3766417.50 0.26732
364788.56 3766417.50 0.33651 364808.56 3766417.50 0.42055
364828.56 3766417.50 0.52464 364848.56 3766417.50 0.64840
364868.56 3766417.50 0.78641 364888.56 3766417.50 0.93586
364908.56 3766417.50 1.09870 364928.56 3766417.50 1.28081
364948.56 3766417.50 1.49362 364968.56 3766417.50 1.76070
364988.56 3766417.50 2.11146 365008.56 3766417.50 2.62132
365208.56 3766417.50 1.58934 364768.56 3766437.50 0.21754
364788.56 3766437.50 0.26275 364808.56 3766437.50 0.31531
364828.56 3766437.50 0.37608 364848.56 3766437.50 0.44864
364868.56 3766437.50 0.53155 364888.56 3766437.50 0.62207
364908.56 3766437.50 0.71808 364928.56 3766437.50 0.81914
364948.56 3766437.50 0.92613 364968.56 3766437.50 1.04157
364988.56 3766437.50 1.17025 365008.56 3766437.50 1.31787
365028.56 3766437.50 1.49547 365048.56 3766437.50 1.71901
365068.56 3766437.50 2.02169 365088.56 3766437.50 2.45585
365188.56 3766437.50 2.46849 365208.56 3766437.50 1.40260
364768.56 3766457.50 0.18178 364788.56 3766457.50 0.21364
364808.56 3766457.50 0.24984 364828.56 3766457.50 0.28983
364848.56 3766457.50 0.33597 364868.56 3766457.50 0.38942
364888.56 3766457.50 0.44893 364908.56 3766457.50 0.51281
364928.56 3766457.50 0.57946 364948.56 3766457.50 0.64837
364968.56 3766457.50 0.71940 364988.56 3766457.50 0.79300
365008.56 3766457.50 0.87043 365028.56 3766457.50 0.95319
365048.56 3766457.50 1.04328 365068.56 3766457.50 1.14373
365088.56 3766457.50 1.25828 365108.56 3766457.50 1.39245
365128.56 3766457.50 1.55357 365148.56 3766457.50 1.75000
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,
*** 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
365168.56 3766457.50 1.95902 365188.56 3766457.50 1.72076
365208.56 3766457.50 1.14353 364743.56 3766232.50 0.08567
364768.56 3766232.50 0.09283 364793.56 3766232.50 0.11459
364818.56 3766232.50 0.16551 364843.56 3766232.50 0.21626
364868.56 3766232.50 0.24411 364893.56 3766232.50 0.25527
364918.56 3766232.50 0.25703 364943.56 3766232.50 0.25381
364968.56 3766232.50 0.24811 364993.56 3766232.50 0.24117
365018.56 3766232.50 0.23366 365043.56 3766232.50 0.22591
365068.56 3766232.50 0.21819 365093.56 3766232.50 0.21078
365118.56 3766232.50 0.20389 365143.56 3766232.50 0.19720
365168.56 3766232.50 0.18920 365193.56 3766232.50 0.17857
365218.56 3766232.50 0.16647 365243.56 3766232.50 0.15395
364743.56 3766257.50 0.14478 365218.56 3766257.50 0.20712
365243.56 3766257.50 0.18803 364743.56 3766282.50 0.23474
365218.56 3766282.50 0.26637 365243.56 3766282.50 0.23524
364743.56 3766307.50 0.32103 365218.56 3766307.50 0.35843
365243.56 3766307.50 0.30145 364743.56 3766332.50 0.38418
365218.56 3766332.50 0.52112 365243.56 3766332.50 0.39071
364743.56 3766357.50 0.38333 365218.56 3766357.50 0.84861
365243.56 3766357.50 0.52463 364743.56 3766382.50 0.29953
365218.56 3766382.50 1.21665 365243.56 3766382.50 0.65964
364743.56 3766407.50 0.23076 365218.56 3766407.50 1.26847
365243.56 3766407.50 0.74690 364743.56 3766432.50 0.18432
365218.56 3766432.50 1.17103 365243.56 3766432.50 0.75438
364743.56 3766457.50 0.15141 365218.56 3766457.50 0.97262
365243.56 3766457.50 0.68712 364743.56 3766482.50 0.12693
364768.56 3766482.50 0.14897 364793.56 3766482.50 0.17690
364818.56 3766482.50 0.20842 364843.56 3766482.50 0.24320
364868.56 3766482.50 0.28369 364893.56 3766482.50 0.33090
364918.56 3766482.50 0.38322 364943.56 3766482.50 0.43857

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PM10Grad.POU.txt
364968.56 3766482.50 0.49519 364993.56 3766482.50 0.55239
365018.56 3766482.50 0.60976 365043.56 3766482.50 0.66726
365068.56 3766482.50 0.72488 365093.56 3766482.50 0.78240
365118.56 3766482.50 0.83819 365143.56 3766482.50 0.88783
365168.56 3766482.50 0.92123 365193.56 3766482.50 0.88047
365218.56 3766482.50 0.74747 365243.56 3766482.50 0.59311
364718.56 3766207.50 0.05492 364768.56 3766207.50 0.06006
364818.56 3766207.50 0.09573 364868.56 3766207.50 0.14476
364918.56 3766207.50 0.17237 364968.56 3766207.50 0.17836
365018.56 3766207.50 0.17532 365068.56 3766207.50 0.16898
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 20

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,
*** 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
365118.56	3766207.50	0.16215	365168.56	3766207.50	0.15306
365218.56	3766207.50	0.13755	365268.56	3766207.50	0.12004
364718.56	3766257.50	0.12032	365268.56	3766257.50	0.16926
364718.56	3766307.50	0.22445	365268.56	3766307.50	0.24742
364718.56	3766357.50	0.25656	365268.56	3766357.50	0.37813
364718.56	3766407.50	0.18480	365268.56	3766407.50	0.50243
364718.56	3766457.50	0.12998	365268.56	3766457.50	0.50632
364718.56	3766507.50	0.09546	364768.56	3766507.50	0.12464
364818.56	3766507.50	0.16740	364868.56	3766507.50	0.21834
364918.56	3766507.50	0.28440	364968.56	3766507.50	0.36129
365018.56	3766507.50	0.43886	365068.56	3766507.50	0.51146
365118.56	3766507.50	0.57341	365168.56	3766507.50	0.61005
365218.56	3766507.50	0.55609	365268.56	3766507.50	0.41759
364668.56	3766157.50	0.02985	364743.56	3766157.50	0.03100
364818.56	3766157.50	0.04854	364893.56	3766157.50	0.07782
364968.56	3766157.50	0.10284	365043.56	3766157.50	0.11085
365118.56	3766157.50	0.11157	365193.56	3766157.50	0.10433
365268.56	3766157.50	0.09071	365343.56	3766157.50	0.07558
364668.56	3766232.50	0.06583	365268.56	3766232.50	0.14140
365343.56	3766232.50	0.10313	364668.56	3766307.50	0.13535
365268.56	3766307.50	0.24742	365343.56	3766307.50	0.14815
364668.56	3766382.50	0.13948	365268.56	3766382.50	0.44949
365343.56	3766382.50	0.22353	364668.56	3766457.50	0.09859
365268.56	3766457.50	0.50632	365343.56	3766457.50	0.24426
364668.56	3766532.50	0.06846	364743.56	3766532.50	0.09316
364818.56	3766532.50	0.13803	364893.56	3766532.50	0.19582
364968.56	3766532.50	0.27436	365043.56	3766532.50	0.35677
365118.56	3766532.50	0.42441	365193.56	3766532.50	0.44155
365268.56	3766532.50	0.36079	365343.56	3766532.50	0.23259
364568.56	3766057.50	0.01350	364668.56	3766057.50	0.01385
364768.56	3766057.50	0.01620	364868.56	3766057.50	0.02805
364968.56	3766057.50	0.04202	365068.56	3766057.50	0.05671
365168.56	3766057.50	0.06171	365268.56	3766057.50	0.05768
365368.56	3766057.50	0.05036	364568.56	3766157.50	0.02623
365368.56	3766157.50	0.07013	364568.56	3766257.50	0.05487
365368.56	3766257.50	0.10141	364568.56	3766357.50	0.07430
365368.56	3766357.50	0.17178	364568.56	3766457.50	0.06129
365368.56	3766457.50	0.20278	364568.56	3766557.50	0.04421
365368.56	3766557.50	0.19316	364568.56	3766657.50	0.03216
364668.56	3766657.50	0.04075	364768.56	3766657.50	0.05565

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***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 21

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,
*** 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
364868.56	3766657.50	0.07719	364968.56	3766657.50	0.10146
365068.56	3766657.50	0.13285	365168.56	3766657.50	0.15805
365268.56	3766657.50	0.16161	365368.56	3766657.50	0.14451
364268.56	3765757.50	0.00374	364393.56	3765757.50	0.00398
364518.56	3765757.50	0.00392	364643.56	3765757.50	0.00355
364768.56	3765757.50	0.00521	364893.56	3765757.50	0.00868
365018.56	3765757.50	0.01279	365143.56	3765757.50	0.01579
365268.56	3765757.50	0.01823	365393.56	3765757.50	0.01987
365518.56	3765757.50	0.01985	365643.56	3765757.50	0.01836
365768.56	3765757.50	0.01565	364268.56	3765882.50	0.00550
364393.56	3765882.50	0.00571	364518.56	3765882.50	0.00603
364643.56	3765882.50	0.00565	364768.56	3765882.50	0.00754
364893.56	3765882.50	0.01291	365018.56	3765882.50	0.01954
365143.56	3765882.50	0.02571	365268.56	3765882.50	0.02905
365393.56	3765882.50	0.02878	365518.56	3765882.50	0.02621
365643.56	3765882.50	0.02179	365768.56	3765882.50	0.01706
364268.56	3766007.50	0.00892	364393.56	3766007.50	0.00954
364518.56	3766007.50	0.01008	364643.56	3766007.50	0.01037
364768.56	3766007.50	0.01251	364893.56	3766007.50	0.02298
365018.56	3766007.50	0.03591	365143.56	3766007.50	0.04741
365268.56	3766007.50	0.04708	365393.56	3766007.50	0.04157
365518.56	3766007.50	0.03327	365643.56	3766007.50	0.02439
365768.56	3766007.50	0.01852	364268.56	3766132.50	0.01414
364393.56	3766132.50	0.01719	364518.56	3766132.50	0.02066
365518.56	3766132.50	0.03988	365643.56	3766132.50	0.02876
365768.56	3766132.50	0.02254	364268.56	3766257.50	0.02172
364393.56	3766257.50	0.03011	364518.56	3766257.50	0.04514
365518.56	3766257.50	0.05858	365643.56	3766257.50	0.04314
365768.56	3766257.50	0.03377	364268.56	3766382.50	0.02378
364393.56	3766382.50	0.03476	364518.56	3766382.50	0.05681
365518.56	3766382.50	0.09123	365643.56	3766382.50	0.05991
365768.56	3766382.50	0.04301	364268.56	3766507.50	0.02181
364393.56	3766507.50	0.02986	364518.56	3766507.50	0.04411
365518.56	3766507.50	0.09171	365643.56	3766507.50	0.05967
365768.56	3766507.50	0.04293	364268.56	3766632.50	0.01784
364393.56	3766632.50	0.02320	364518.56	3766632.50	0.03064

365518.56 3766632.50 0.09229 PM10Grad.POU.txt 365643.56 3766632.50 0.05910
365768.56 3766632.50 0.04135 364268.56 3766757.50 0.01456
364393.56 3766757.50 0.01774 364518.56 3766757.50 0.02204
364643.56 3766757.50 0.02738 364768.56 3766757.50 0.03743
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,
*** 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
364893.56 3766757.50 0.05204 365018.56 3766757.50 0.06693
365143.56 3766757.50 0.08477 365268.56 3766757.50 0.09387
365393.56 3766757.50 0.09482 365518.56 3766757.50 0.07862
365643.56 3766757.50 0.05862 365768.56 3766757.50 0.04243
364268.56 3766882.50 0.01173 364393.56 3766882.50 0.01371
364518.56 3766882.50 0.01600 364643.56 3766882.50 0.01928
364768.56 3766882.50 0.02548 364893.56 3766882.50 0.03333
365018.56 3766882.50 0.04083 365143.56 3766882.50 0.04757
365268.56 3766882.50 0.05336 365393.56 3766882.50 0.05846
365518.56 3766882.50 0.05767 365643.56 3766882.50 0.05001
365768.56 3766882.50 0.04078 364268.56 3767007.50 0.00942
364393.56 3767007.50 0.01070 364518.56 3767007.50 0.01220
364643.56 3767007.50 0.01461 364768.56 3767007.50 0.01862
364893.56 3767007.50 0.02359 365018.56 3767007.50 0.02808
365143.56 3767007.50 0.03077 365268.56 3767007.50 0.03341
365393.56 3767007.50 0.03744 365518.56 3767007.50 0.04047
365643.56 3767007.50 0.03915 365768.56 3767007.50 0.03505
364787.78 3766259.50 0.26817 365206.84 3766357.75 1.20591
365180.28 3766456.25 2.11235 364769.34 3766358.25 0.77167
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,
*** 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)
365195.56 3766329.25 2.24065c (81103124) 365046.69 3766293.00 2.32877c (81103124)
364925.03 3766265.00 2.43894c (81011224) 364810.06 3766234.50 1.04797 (81122224)
365230.94 3766352.75 1.79955c (81110224) 365358.03 3766388.00 0.71758 (81032624)
365384.34 3766356.75 0.54793 (81032624) 365410.66 3766309.75 0.42399c (81071824)
365214.22 3766258.25 0.98258c (81103024) 365061.88 3766221.00 0.93698 (81122224)
364950.50 3766192.75 0.92451 (81122224) 364851.97 3766170.25 0.68655 (81122224)
364936.41 3766071.00 0.48594 (81122224) 365000.66 3766093.75 0.55582 (81122224)
365093.69 3766117.00 0.56214 (81122224) 365250.94 3766158.50 0.52262c (81103024)
365455.34 3766211.75 0.08252c (81110224) 364768.56 3766257.50 1.32498c (81011224)
364788.56 3766257.50 1.86044c (81011224) 364808.56 3766257.50 2.40879c (81011224)
364828.56 3766257.50 2.72364c (81011224) 364848.56 3766257.50 2.67235c (81011224)
364868.56 3766257.50 2.54341c (81011224) 364888.56 3766257.50 2.39190c (81011224)
364908.56 3766257.50 2.23861c (81011224) 364928.56 3766257.50 2.09138c (81011224)
364948.56 3766257.50 1.95447c (81011224) 364968.56 3766257.50 1.82327c (81011224)
364988.56 3766257.50 1.69517c (81011224) 365008.56 3766257.50 1.56623c (81011224)
365028.56 3766257.50 1.43735c (81011224) 365048.56 3766257.50 1.32759c (81103124)
365068.56 3766257.50 1.27515c (81103124) 365088.56 3766257.50 1.22364c (81103124)
365108.56 3766257.50 1.17630c (81103124) 365128.56 3766257.50 1.13422c (81103124)
365148.56 3766257.50 1.09682c (81103124) 365168.56 3766257.50 1.05838c (81103024)
365188.56 3766257.50 1.02722c (81103024) 365208.56 3766257.50 0.99219c (81103024)
364768.56 3766277.50 1.63893c (81030624) 364868.56 3766277.50 4.34459c (81011224)
364888.56 3766277.50 4.06206c (81011224) 364908.56 3766277.50 3.59539c (81103124)
364928.56 3766277.50 3.17957c (81011224) 364948.56 3766277.50 2.84207c (81011224)
364968.56 3766277.50 2.56628c (81011224) 364988.56 3766277.50 2.33265c (81103124)
365008.56 3766277.50 2.12143c (81011224) 365028.56 3766277.50 1.92565c (81011224)
365048.56 3766277.50 1.77123c (81103124) 365068.56 3766277.50 1.67312c (81103124)
365088.56 3766277.50 1.58394c (81103124) 365108.56 3766277.50 1.50119c (81103124)
365128.56 3766277.50 1.42688c (81103124) 365148.56 3766277.50 1.36158c (81103124)
365168.56 3766277.50 1.29725c (81103124) 365188.56 3766277.50 1.21167c (81103024)
365208.56 3766277.50 1.15928c (81103024) 364768.56 3766297.50 2.24879c (81112724)
364968.56 3766297.50 4.23347c (81011224) 364988.56 3766297.50 3.71705c (81011224)
365008.56 3766297.50 3.23474c (81011224) 365028.56 3766297.50 2.84074c (81011224)
365048.56 3766297.50 2.52811c (81103124) 365068.56 3766297.50 2.32624c (81103124)
365088.56 3766297.50 2.15215c (81103124) 365108.56 3766297.50 2.00069c (81103124)
365128.56 3766297.50 1.86525c (81103124) 365148.56 3766297.50 1.74617c (81103124)
365168.56 3766297.50 1.64035c (81103124) 365188.56 3766297.50 1.49579c (81103124)
365208.56 3766297.50 1.39327c (81103024) 364768.56 3766317.50 2.83239c (81112724)
365048.56 3766317.50 4.21091c (81011224) 365068.56 3766317.50 3.66761c (81103124)
365088.56 3766317.50 3.26003c (81103124) 365108.56 3766317.50 2.91000c (81103124)
365128.56 3766317.50 2.63936c (81103124) 365148.56 3766317.50 2.39290c (81103124)
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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,
*** 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)
365168.56 3766317.50 2.18535c (81103124) 365188.56 3766317.50 1.95678c (81103124)
365208.56 3766317.50 1.74643c (81103024) 364768.56 3766337.50 3.33647c (81112724)
365128.56 3766337.50 4.05269c (81103124) 365148.56 3766337.50 3.74413c (81103124)
365168.56 3766337.50 3.32851c (81103124) 365188.56 3766337.50 2.83384c (81103124)
365208.56 3766337.50 2.32392c (81103024) 364768.56 3766357.50 3.41081c (81112724)
365208.56 3766357.50 3.04081c (81110224) 364768.56 3766377.50 2.13593c (81123124)
364788.56 3766377.50 2.77355c (81123124) 364808.56 3766377.50 3.35084c (81123124)
Page 16

364828.56 3766377.50 4.02381c (81123124) PM10Grad.POU.txt 364848.56 3766377.50 4.65798c (81041924)
365208.56 3766377.50 3.37646c (81010624) 364768.56 3766397.50 1.57501c (81123124)
364788.56 3766397.50 1.89979c (81123124) 364808.56 3766397.50 2.11403c (81123124)
364828.56 3766397.50 2.35286c (81123124) 364848.56 3766397.50 2.67320c (81123124)
364868.56 3766397.50 3.05991c (81123124) 364888.56 3766397.50 3.54357c (81123124)
364908.56 3766397.50 4.10112c (81123124) 364928.56 3766397.50 4.61184c (81123124)
365208.56 3766397.50 3.16615c (81012624) 364768.56 3766417.50 1.25973c (81123124)
364788.56 3766417.50 1.46236c (81123124) 364808.56 3766417.50 1.58703c (81123124)
364828.56 3766417.50 1.70111c (81123124) 364848.56 3766417.50 1.84118c (81123124)
364868.56 3766417.50 2.02314c (81123124) 364888.56 3766417.50 2.22857c (81123124)
364908.56 3766417.50 2.46774c (81123124) 364928.56 3766417.50 2.74391c (81123124)
364948.56 3766417.50 3.07009c (81123124) 364968.56 3766417.50 3.47362c (81123124)
364988.56 3766417.50 3.98515c (81123124) 365008.56 3766417.50 4.51166c (81123124)
365208.56 3766417.50 2.93469c (81032624) 364768.56 3766437.50 1.05215c (81123124)
364788.56 3766437.50 1.19132c (81123124) 364808.56 3766437.50 1.27806c (81123124)
364828.56 3766437.50 1.34303c (81123124) 364848.56 3766437.50 1.41578c (81123124)
364868.56 3766437.50 1.50530c (81123124) 364888.56 3766437.50 1.61454c (81123124)
364908.56 3766437.50 1.74099c (81123124) 364928.56 3766437.50 1.88004c (81123124)
364948.56 3766437.50 2.03130c (81123124) 364968.56 3766437.50 2.19873c (81123124)
364988.56 3766437.50 2.38226c (81123124) 365008.56 3766437.50 2.59801c (81123124)
365028.56 3766437.50 2.84861c (81123124) 365048.56 3766437.50 3.17261c (81123124)
365068.56 3766437.50 3.57919c (81123124) 365088.56 3766437.50 4.13815c (81082524)
365188.56 3766437.50 4.39976c (81051424) 365208.56 3766437.50 2.77530c (81051424)
364768.56 3766457.50 0.89228c (81123124) 364788.56 3766457.50 0.99195c (81123124)
364808.56 3766457.50 1.05461c (81123124) 364828.56 3766457.50 1.09487c (81123124)
364848.56 3766457.50 1.13432c (81123124) 364868.56 3766457.50 1.19477c (81021424)
364888.56 3766457.50 1.29805c (81021424) 364908.56 3766457.50 1.38341c (81021424)
364928.56 3766457.50 1.46059c (81021424) 364948.56 3766457.50 1.53764c (81021424)
364968.56 3766457.50 1.61727c (81021424) 364988.56 3766457.50 1.70415c (81021424)
365008.56 3766457.50 1.79902c (81021424) 365028.56 3766457.50 1.90405c (81021424)
365048.56 3766457.50 2.02010c (81021424) 365068.56 3766457.50 2.19229c (81082524)
365088.56 3766457.50 2.42343c (81082524) 365108.56 3766457.50 2.69297c (81082524)
365128.56 3766457.50 3.00262c (81082524) 365148.56 3766457.50 3.30847c (81082524)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 25
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,

*** 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)
365168.56 3766457.50 3.84237c (81081024) 365188.56 3766457.50 3.84447c (81081024)
365208.56 3766457.50 2.62162c (81051424) 364743.56 3766232.50 0.81603c (81030624)
364768.56 3766232.50 1.00017c (81011224) 364793.56 3766232.50 0.96025c (81011224)
364818.56 3766232.50 1.30210 (81122224) 364843.56 3766232.50 1.56425 (81122224)
364868.56 3766232.50 1.51458 (81122224) 364893.56 3766232.50 1.46362c (81011224)
364918.56 3766232.50 1.44063c (81011224) 364943.56 3766232.50 1.38224c (81011224)
364968.56 3766232.50 1.29937c (81011224) 364993.56 3766232.50 1.20163c (81011224)
365018.56 3766232.50 1.09330c (81011224) 365043.56 3766232.50 1.04447 (81122224)
365068.56 3766232.50 1.00112 (81122224) 365093.56 3766232.50 0.96210 (81122224)
365118.56 3766232.50 0.93269c (81103024) 365143.56 3766232.50 0.90603c (81103024)
365168.56 3766232.50 0.88067c (81103024) 365193.56 3766232.50 0.85623c (81103024)
365218.56 3766232.50 0.82204c (81103024) 365243.56 3766232.50 0.72835c (81103024)
364743.56 3766257.50 0.99550c (81030624) 365218.56 3766257.50 0.96253c (81103024)
365243.56 3766257.50 0.80572c (81103024) 364743.56 3766282.50 1.14330c (81030624)
365218.56 3766282.50 1.15525c (81103024) 365243.56 3766282.50 0.88661c (81103024)
364743.56 3766307.50 1.68673c (81112724) 365218.56 3766307.50 1.41232c (81103024)
365243.56 3766307.50 1.04837c (81110224) 364743.56 3766332.50 2.07905c (81112724)
365218.56 3766332.50 1.72307c (81103024) 365243.56 3766332.50 1.32647c (81110224)
364743.56 3766357.50 2.11956c (81030124) 365218.56 3766357.50 2.36171c (81110224)
365243.56 3766357.50 1.46951c (81110224) 364743.56 3766382.50 1.50824c (81123124)
365218.56 3766382.50 2.52421c (81010624) 365243.56 3766382.50 1.61209c (81121424)
364743.56 3766407.50 1.21700c (81123124) 365218.56 3766407.50 2.51604 (81032624)
365243.56 3766407.50 1.71793 (81032624) 364743.56 3766432.50 0.98320c (81123124)
365218.56 3766432.50 2.30472c (81051424) 365243.56 3766432.50 1.58279 (81032624)
364743.56 3766457.50 0.80773c (81123124) 365218.56 3766457.50 2.26235c (81051424)
365243.56 3766457.50 1.62193c (81051424) 364743.56 3766482.50 0.66830c (81123124)
364768.56 3766482.50 0.73098c (81123124) 364793.56 3766482.50 0.81082c (81123124)
364818.56 3766482.50 0.85241c (81123124) 364843.56 3766482.50 0.87433c (81123124)
364868.56 3766482.50 0.94774c (81021424) 364893.56 3766482.50 1.05537c (81021424)
364918.56 3766482.50 1.13599c (81021424) 364943.56 3766482.50 1.20180c (81021424)
364968.56 3766482.50 1.26098c (81021424) 364993.56 3766482.50 1.31802c (81021424)
365018.56 3766482.50 1.37389c (81021424) 365043.56 3766482.50 1.42743c (81021424)
365068.56 3766482.50 1.49850c (81082524) 365093.56 3766482.50 1.62258c (81082524)
365118.56 3766482.50 1.71620c (81082524) 365143.56 3766482.50 1.75530c (81050224)
365168.56 3766482.50 1.95482c (81050224) 365193.56 3766482.50 2.13742c (81050224)
365218.56 3766482.50 1.75080c (81050224) 365243.56 3766482.50 1.50623c (81101124)
364718.56 3766207.50 0.59088c (81011224) 364768.56 3766207.50 0.68794c (81011224)
364818.56 3766207.50 0.67350 (81122224) 364868.56 3766207.50 1.14845 (81122224)
364918.56 3766207.50 1.07791 (81122224) 364968.56 3766207.50 0.99162 (81122224)
365018.56 3766207.50 0.91774 (81122224) 365068.56 3766207.50 0.85546 (81122224)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 26
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,

*** 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)
365118.56 3766207.50 0.80154 (81122224) 365168.56 3766207.50 0.75082c (81103024)
365218.56 3766207.50 0.71355c (81103024) 365268.56 3766207.50 0.55814c (81103024)
364718.56 3766257.50 0.77321c (81030624) 365268.56 3766257.50 0.63106c (81110224)
364718.56 3766307.50 1.25646c (81112724) 365268.56 3766307.50 0.90987c (81110224)
364718.56 3766357.50 1.61758c (81030124) 365268.56 3766357.50 1.04635c (81110224)
364718.56 3766407.50 1.00921c (81123124) 365268.56 3766407.50 1.23364 (81032624)
364718.56 3766457.50 0.75887c (81123124) 365268.56 3766457.50 1.17867c (81051424)
364718.56 3766507.50 0.53197c (81123124) 364768.56 3766507.50 0.59598c (81123124)
364818.56 3766507.50 0.67550c (81123124) 364868.56 3766507.50 0.77228c (81021424)
364918.56 3766507.50 0.93495c (81021424) 364968.56 3766507.50 1.02185c (81021424)
365018.56 3766507.50 1.07419c (81021424) 365068.56 3766507.50 1.12356c (81082524)
365118.56 3766507.50 1.15502c (81050224) 365168.56 3766507.50 1.35966c (81050224)
365218.56 3766507.50 1.43007c (81050224) 365268.56 3766507.50 1.14925c (81101124)

364668.56 3766157.50 0.37774c (81011224) PM10Grad.POU.txt 364743.56 3766157.50 0.43545c (81011224)
364818.56 3766157.50 0.38988c (81011224) 364893.56 3766157.50 0.76281 (81122224)
364968.56 3766157.50 0.74307 (81122224) 365043.56 3766157.50 0.68679 (81122224)
365118.56 3766157.50 0.63781 (81122224) 365193.56 3766157.50 0.56488c (81103024)
365268.56 3766157.50 0.48285c (81103024) 365343.56 3766157.50 0.34742c (81011224)
364668.56 3766232.50 0.47025c (81030624) 365268.56 3766232.50 0.59525c (81103024)
365343.56 3766232.50 0.43319c (81110224) 364668.56 3766307.50 0.81087c (81112724)
365268.56 3766307.50 0.90987c (81110224) 365343.56 3766307.50 0.55562c (81110224)
364668.56 3766382.50 0.95374c (81030124) 365268.56 3766382.50 1.24003c (81121424)
365343.56 3766382.50 0.77068 (81032624) 364668.56 3766457.50 0.60362c (81123124)
365268.56 3766457.50 1.17867c (81051424) 365343.56 3766457.50 0.68492c (81032224)
364668.56 3766532.50 0.41576c (81123124) 364743.56 3766532.50 0.45102c (81123124)
364818.56 3766532.50 0.53666c (81123124) 364893.56 3766532.50 0.71784c (81021424)
364968.56 3766532.50 0.84255c (81021424) 365043.56 3766532.50 0.86365c (81021424)
365118.56 3766532.50 0.89769c (81050224) 365193.56 3766532.50 1.10963c (81050224)
365268.56 3766532.50 0.94253c (81101124) 365343.56 3766532.50 0.72140c (81101124)
364568.56 3766057.50 0.21485c (81011224) 364668.56 3766057.50 0.25921c (81011224)
364768.56 3766057.50 0.20414c (81011224) 364868.56 3766057.50 0.26836 (81122224)
364968.56 3766057.50 0.48270 (81122224) 365068.56 3766057.50 0.47671 (81122224)
365168.56 3766057.50 0.43265 (81122224) 365268.56 3766057.50 0.36016c (81103024)
365368.56 3766057.50 0.25986c (81011224) 364568.56 3766157.50 0.25839c (81030624)
365368.56 3766157.50 0.31190c (81011224) 364568.56 3766257.50 0.37626c (81030224)
365368.56 3766257.50 0.44796c (81110224) 364568.56 3766357.50 0.65358c (81030124)
365368.56 3766357.50 0.59043 (81032624) 364568.56 3766457.50 0.40556c (81123124)
365368.56 3766457.50 0.59261c (81032224) 364568.56 3766557.50 0.28111c (81123124)
365368.56 3766557.50 0.62994c (81101124) 364568.56 3766657.50 0.18979c (81102124)
364668.56 3766657.50 0.21976c (81102124) 364768.56 3766657.50 0.24814c (81021424)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 27
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,
*** 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)
364868.56 3766657.50 0.28650c (81021424) 364968.56 3766657.50 0.38862c (81021424)
365068.56 3766657.50 0.41354c (81021424) 365168.56 3766657.50 0.42340c (81050224)
365268.56 3766657.50 0.49598c (81050224) 365368.56 3766657.50 0.39924c (81102724)
364268.56 3765757.50 0.09147c (81011224) 364393.56 3765757.50 0.10958c (81011224)
364518.56 3765757.50 0.07885c (81011224) 364643.56 3765757.50 0.05066 (81020824)
364768.56 3765757.50 0.10189 (81020824) 364893.56 3765757.50 0.10029 (81020824)
365018.56 3765757.50 0.17747 (81122224) 365143.56 3765757.50 0.23582 (81122224)
365268.56 3765757.50 0.20667 (81122224) 365393.56 3765757.50 0.17531c (81103024)
365518.56 3765757.50 0.13210c (81103024) 365643.56 3765757.50 0.10930c (81011224)
365768.56 3765757.50 0.08647c (81011224) 364268.56 3765882.50 0.09706c (81030624)
364393.56 3765882.50 0.12110c (81011224) 364518.56 3765882.50 0.14725c (81011224)
364643.56 3765882.50 0.09892c (81011224) 364768.56 3765882.50 0.12671 (81020824)
364893.56 3765882.50 0.13642 (81020824) 365018.56 3765882.50 0.27232 (81122224)
365143.56 3765882.50 0.30662 (81122224) 365268.56 3765882.50 0.24576c (81103024)
365393.56 3765882.50 0.19529c (81103024) 365518.56 3765882.50 0.15032c (81011224)
365643.56 3765882.50 0.11355c (81011224) 365768.56 3765882.50 0.09495c (81101824)
364268.56 3766007.50 0.08717c (81030624) 364393.56 3766007.50 0.14196c (81030624)
364518.56 3766007.50 0.17636c (81011224) 364643.56 3766007.50 0.21030c (81011224)
364768.56 3766007.50 0.16400 (81020824) 364893.56 3766007.50 0.24836 (81122224)
365018.56 3766007.50 0.41684 (81122224) 365143.56 3766007.50 0.39786 (81122224)
365268.56 3766007.50 0.31927c (81103024) 365393.56 3766007.50 0.22277c (81011224)
365518.56 3766007.50 0.16379c (81011224) 365643.56 3766007.50 0.12872c (81110224)
365768.56 3766007.50 0.10748c (81030824) 364268.56 3766132.50 0.10644c (81030224)
364393.56 3766132.50 0.13030c (81101124) 364518.56 3766132.50 0.20409c (81030624)
365518.56 3766132.50 0.19903c (81110224) 365643.56 3766132.50 0.15696c (81030824)
365768.56 3766132.50 0.11451c (81030824) 364268.56 3766257.50 0.13917c (81112724)
364393.56 3766257.50 0.19905c (81030224) 364518.56 3766257.50 0.31502c (81030224)
365518.56 3766257.50 0.23865c (81071824) 365643.56 3766257.50 0.19604c (81071824)
365768.56 3766257.50 0.16200c (81071824) 364268.56 3766382.50 0.24814c (81030124)
364393.56 3766382.50 0.35396c (81030124) 364518.56 3766382.50 0.53531c (81030124)
365518.56 3766382.50 0.38162 (81032624) 365643.56 3766382.50 0.26680 (81032624)
365768.56 3766382.50 0.19947 (81032624) 364268.56 3766507.50 0.18357c (81030124)
364393.56 3766507.50 0.23833c (81123124) 364518.56 3766507.50 0.30567c (81123124)
365518.56 3766507.50 0.31300c (81032224) 365643.56 3766507.50 0.20886c (81012624)
365768.56 3766507.50 0.15872c (81121024) 364268.56 3766632.50 0.13640c (81123124)
364393.56 3766632.50 0.14720c (81123124) 364518.56 3766632.50 0.18188c (81030424)
365518.56 3766632.50 0.32790c (81101124) 365643.56 3766632.50 0.18960c (81051424)
365768.56 3766632.50 0.13672c (81032224) 364268.56 3766757.50 0.09510c (81012724)
364393.56 3766757.50 0.11009c (81102124) 364518.56 3766757.50 0.13406c (81102124)
364643.56 3766757.50 0.14317c (81102124) 364768.56 3766757.50 0.17178c (81021424)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 28
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,
*** 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)
364893.56 3766757.50 0.19687c (81021424) 365018.56 3766757.50 0.26969c (81021424)
365143.56 3766757.50 0.23205c (81021424) 365268.56 3766757.50 0.31461c (81050224)
365393.56 3766757.50 0.30298c (81050224) 365518.56 3766757.50 0.26312c (81102724)
365643.56 3766757.50 0.23000c (81101124) 365768.56 3766757.50 0.15819c (81101124)
364268.56 3766882.50 0.07843c (81081124) 364393.56 3766882.50 0.08511c (81102124)
364518.56 3766882.50 0.09670c (81082524) 364643.56 3766882.50 0.11470c (81082524)
364768.56 3766882.50 0.12376c (81021424) 364893.56 3766882.50 0.13384c (81021424)
365018.56 3766882.50 0.16770c (81021424) 365143.56 3766882.50 0.15670c (81021424)
365268.56 3766882.50 0.17908c (81050224) 365393.56 3766882.50 0.21971c (81050224)
365518.56 3766882.50 0.18456c (81050224) 365643.56 3766882.50 0.16966c (81102724)
365768.56 3766882.50 0.16052c (81102724) 364268.56 3767007.50 0.06098c (81060524)
364393.56 3767007.50 0.06705c (81102124) 364518.56 3767007.50 0.09131c (81082524)
364643.56 3767007.50 0.08499c (81082524) 364768.56 3767007.50 0.09789c (81021424)
364893.56 3767007.50 0.09941c (81021424) 365018.56 3767007.50 0.10976c (81021424)
365143.56 3767007.50 0.10929c (81091824) 365268.56 3767007.50 0.11096c (81021424)
365393.56 3767007.50 0.14396c (81050224) 365518.56 3767007.50 0.16047c (81050224)
365643.56 3767007.50 0.12682c (81032924) 365768.56 3767007.50 0.11721c (81102724)
364787.78 3766259.50 1.91961c (81011224) 365206.84 3766357.75 3.14723c (81110224)
365180.28 3766456.25 4.43695c (81081024) 364769.34 3766358.25 3.44537c (81041924)

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 29

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,

*** 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)
365195.56	3766329.25	1.71681c	(81011124)	365046.69	3766293.00	1.73971c	(81121124)
364925.03	3766265.00	1.64438c	(81122324)	364810.06	3766234.50	0.88040	(81020824)
365230.94	3766352.75	1.47979c	(81103124)	365358.03	3766388.00	0.54495c	(81031324)
365384.34	3766356.75	0.43084c	(81121424)	365410.66	3766309.75	0.30469c	(81121424)
365214.22	3766258.25	0.73126	(81122224)	365061.88	3766221.00	0.73787c	(81121124)
364950.50	3766192.75	0.64488c	(81011124)	364851.97	3766170.25	0.39735c	(81112924)
364936.41	3766071.00	0.23952	(81020824)	365000.66	3766093.75	0.30441c	(81121124)
365093.69	3766117.00	0.37839c	(81011124)	365250.94	3766158.50	0.36539c	(81101324)
365455.34	3766211.75	0.19663c	(81101424)	364768.56	3766257.50	0.97226c	(81122024)
364788.56	3766257.50	1.33363c	(81112824)	364808.56	3766257.50	1.68096c	(81103124)
364828.56	3766257.50	1.93220c	(81122324)	364848.56	3766257.50	1.88142c	(81122324)
364868.56	3766257.50	1.77813c	(81122324)	364888.56	3766257.50	1.66059c	(81122324)
364908.56	3766257.50	1.53919c	(81122324)	364928.56	3766257.50	1.42272c	(81122324)
364948.56	3766257.50	1.32718c	(81121124)	364968.56	3766257.50	1.26061c	(81121124)
364988.56	3766257.50	1.20138c	(81121124)	365008.56	3766257.50	1.14870c	(81121124)
365028.56	3766257.50	1.10109c	(81121124)	365048.56	3766257.50	1.05932c	(81121124)
365068.56	3766257.50	1.02024c	(81121124)	365088.56	3766257.50	0.98510c	(81121124)
365108.56	3766257.50	0.94621c	(81011124)	365128.56	3766257.50	0.89601c	(81102924)
365148.56	3766257.50	0.86620c	(81102924)	365168.56	3766257.50	0.83551c	(81102924)
365188.56	3766257.50	0.78459c	(81011224)	365208.56	3766257.50	0.74164c	(81013124)
364768.56	3766277.50	1.42617c	(81011224)	364868.56	3766277.50	2.88264c	(81013124)
364888.56	3766277.50	2.71131c	(81013124)	364908.56	3766277.50	2.41177c	(81013124)
364928.56	3766277.50	2.14844c	(81013124)	364948.56	3766277.50	1.93142c	(81013124)
364968.56	3766277.50	1.76553c	(81121124)	364988.56	3766277.50	1.63765c	(81121124)
365008.56	3766277.50	1.52885c	(81121124)	365028.56	3766277.50	1.43717c	(81121124)
365048.56	3766277.50	1.35757c	(81121124)	365068.56	3766277.50	1.28795c	(81121124)
365088.56	3766277.50	1.22672c	(81121124)	365108.56	3766277.50	1.15977c	(81011124)
365128.56	3766277.50	1.09440c	(81011224)	365148.56	3766277.50	1.04047c	(81011124)
365168.56	3766277.50	0.99564c	(81011124)	365188.56	3766277.50	0.92082c	(81121124)
365208.56	3766277.50	0.86637c	(81110224)	364768.56	3766297.50	1.76249	(81030524)
364968.56	3766297.50	2.91703	(81122224)	364988.56	3766297.50	2.61817c	(81013124)
365008.56	3766297.50	2.30008c	(81013124)	365028.56	3766297.50	2.06434c	(81102924)
365048.56	3766297.50	1.88107c	(81102924)	365068.56	3766297.50	1.73325c	(81121124)
365088.56	3766297.50	1.61226c	(81121124)	365108.56	3766297.50	1.50981c	(81121124)
365128.56	3766297.50	1.40992c	(81102924)	365148.56	3766297.50	1.29300c	(81011124)
365168.56	3766297.50	1.21677c	(81011124)	365188.56	3766297.50	1.13158c	(81121124)
365208.56	3766297.50	1.02905c	(81102924)	364768.56	3766317.50	2.01225c	(81101224)
365048.56	3766317.50	3.06486c	(81013124)	365068.56	3766317.50	2.72155c	(81102924)
365088.56	3766317.50	2.42951c	(81102924)	365108.56	3766317.50	2.18462c	(81102924)
365128.56	3766317.50	1.96798c	(81011124)	365148.56	3766317.50	1.79653c	(81121124)

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 30

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,

*** 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)
365168.56	3766317.50	1.59073c	(81011124)	365188.56	3766317.50	1.47495c	(81011124)
365208.56	3766317.50	1.27776c	(81102924)	364768.56	3766337.50	2.39145c	(81123124)
365128.56	3766337.50	3.12979c	(81102924)	365148.56	3766337.50	2.84574c	(81102924)
365168.56	3766337.50	2.44984c	(81110224)	365188.56	3766337.50	2.10516c	(81121124)
365208.56	3766337.50	1.73132c	(81101824)	364768.56	3766357.50	2.68532c	(81092924)
365208.56	3766357.50	2.68063c	(81103024)	364768.56	3766377.50	1.62582c	(81030124)
364788.56	3766377.50	1.98437c	(81112424)	364808.56	3766377.50	2.58415c	(81030324)
364828.56	3766377.50	3.10396	(81041524)	364848.56	3766377.50	3.71823c	(81123024)
365208.56	3766377.50	3.05743c	(81052224)	364768.56	3766397.50	1.06617c	(81030124)
364788.56	3766397.50	1.27904c	(81012724)	364808.56	3766397.50	1.55938c	(81040624)
364828.56	3766397.50	1.84854c	(81030324)	364848.56	3766397.50	2.11625	(81041524)
364868.56	3766397.50	2.42934	(81041524)	364888.56	3766397.50	2.85993c	(81082524)
364908.56	3766397.50	3.34697c	(81030324)	364928.56	3766397.50	3.94291c	(81092924)
365208.56	3766397.50	2.98422c	(81052224)	364768.56	3766417.50	0.84544c	(81102124)
364788.56	3766417.50	0.95391c	(81012724)	364808.56	3766417.50	1.14003c	(81040624)
364828.56	3766417.50	1.31212c	(81040624)	364848.56	3766417.50	1.45705	(81041524)
364868.56	3766417.50	1.61966c	(81030324)	364888.56	3766417.50	1.80014	(81041524)
364908.56	3766417.50	1.97664c	(81082524)	364928.56	3766417.50	2.19491	(81041524)
364948.56	3766417.50	2.44501	(81041524)	364968.56	3766417.50	2.77709c	(81011324)
364988.56	3766417.50	3.27746c	(81030324)	365008.56	3766417.50	3.95494c	(81050224)
365208.56	3766417.50	2.72008c	(81010624)	364768.56	3766437.50	0.70990c	(81102124)
364788.56	3766437.50	0.76180c	(81102124)	364808.56	3766437.50	0.89945c	(81040624)
364828.56	3766437.50	1.02233c	(81040624)	364848.56	3766437.50	1.10974c	(81030424)
364868.56	3766437.50	1.21174c	(81092924)	364888.56	3766437.50	1.30265c	(81092924)
364908.56	3766437.50	1.40360c	(81040624)	364928.56	3766437.50	1.53922c	(81082524)
364948.56	3766437.50	1.67863c	(81041924)	364968.56	3766437.50	1.80912c	(81041924)
364988.56	3766437.50	1.96033c	(81041924)	365008.56	3766437.50	2.15650	(81041524)
365028.56	3766437.50	2.38663c	(81032924)	365048.56	3766437.50	2.73266c	(81081024)
365068.56	3766437.50	3.13939c	(81011324)	365088.56	3766437.50	3.73902c	(81051924)
365188.56	3766437.50	4.02982c	(81081424)	365208.56	3766437.50	2.50361c	(81091524)
364768.56	3766457.50	0.59471c	(81021424)	364788.56	3766457.50	0.65131c	(81102124)
364808.56	3766457.50	0.74162c	(81040624)	364828.56	3766457.50	0.83028c	(81092924)
364848.56	3766457.50	0.88399	(81041524)	364868.56	3766457.50	0.93940c	(81092924)
364888.56	3766457.50	1.00490c	(81102124)	364908.56	3766457.50	1.07714c	(81030324)
364928.56	3766457.50	1.16253c	(81030324)	364948.56	3766457.50	1.24828c	(81102124)
364968.56	3766457.50	1.33302c	(81102124)	364988.56	3766457.50	1.41969c	(81102124)
365008.56	3766457.50	1.52259c	(81032924)	365028.56	3766457.50	1.63624	(81041524)
365048.56	3766457.50	1.74803c	(81030324)	365068.56	3766457.50	1.87850c	(81082724)
365088.56	3766457.50	2.10155c	(81032924)	365108.56	3766457.50	2.30798c	(81032924)
365128.56	3766457.50	2.56175c	(81051924)	365148.56	3766457.50	2.85995c	(81032924)

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 31

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
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PM10Grad.POU.txt
INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,

*** 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)
365168.56	3766457.50	3.35253c	(81051424)	365188.56	3766457.50	3.27902c	(81101124)
365208.56	3766457.50	2.23172c	(81082624)	364743.56	3766232.50	0.57365	(81040324)
364768.56	3766232.50	0.60804c	(81112924)	364793.56	3766232.50	0.66930c	(81112924)
364818.56	3766232.50	0.85285c	(81103124)	364843.56	3766232.50	0.99189c	(81122324)
364868.56	3766232.50	1.06932c	(81122324)	364893.56	3766232.50	1.07166c	(81122324)
364918.56	3766232.50	1.03195c	(81122324)	364943.56	3766232.50	0.97153c	(81122324)
364968.56	3766232.50	0.92496c	(81121124)	364993.56	3766232.50	0.89163c	(81121124)
365018.56	3766232.50	0.85972c	(81121124)	365043.56	3766232.50	0.83080c	(81121124)
365068.56	3766232.50	0.80420c	(81121124)	365093.56	3766232.50	0.77949c	(81121124)
365118.56	3766232.50	0.74995c	(81011224)	365143.56	3766232.50	0.71712c	(81011224)
365168.56	3766232.50	0.68931c	(81011224)	365193.56	3766232.50	0.65534c	(81102924)
365218.56	3766232.50	0.60752c	(81013124)	365243.56	3766232.50	0.55263c	(81110224)
364743.56	3766257.50	0.72211	(81040324)	365218.56	3766257.50	0.70332c	(81110224)
365243.56	3766257.50	0.65255c	(81013124)	364743.56	3766282.50	1.06932c	(81030224)
365218.56	3766282.50	0.87235c	(81011224)	365243.56	3766282.50	0.74655c	(81011124)
364743.56	3766307.50	1.25637c	(81041924)	365218.56	3766307.50	1.08419c	(81011224)
365243.56	3766307.50	0.87927c	(81013124)	364743.56	3766332.50	1.42218c	(81061224)
365218.56	3766332.50	1.43955c	(81013124)	365243.56	3766332.50	1.01018c	(81101324)
364743.56	3766357.50	1.49987c	(81061224)	365218.56	3766357.50	1.99324c	(81010624)
365243.56	3766357.50	1.28758c	(81071824)	364743.56	3766382.50	1.22997c	(81030424)
365218.56	3766382.50	2.37396c	(81031324)	365243.56	3766382.50	1.43909c	(81030724)
364743.56	3766407.50	0.84019c	(81030124)	365218.56	3766407.50	2.31886c	(81010624)
365243.56	3766407.50	1.52121c	(81031324)	364743.56	3766432.50	0.68351c	(81102124)
365218.56	3766432.50	2.12205c	(81091524)	365243.56	3766432.50	1.48942c	(81121024)
364743.56	3766457.50	0.55633c	(81012724)	365218.56	3766457.50	1.93702c	(81082624)
365243.56	3766457.50	1.42295c	(81081424)	364743.56	3766482.50	0.44917c	(81012724)
364768.56	3766482.50	0.51980c	(81021424)	364793.56	3766482.50	0.56155c	(81102124)
364818.56	3766482.50	0.63665c	(81040624)	364843.56	3766482.50	0.68563c	(81030324)
364868.56	3766482.50	0.73933c	(81102124)	364893.56	3766482.50	0.78067c	(81030324)
364918.56	3766482.50	0.83819c	(81030324)	364943.56	3766482.50	0.92031c	(81082524)
364968.56	3766482.50	0.97669c	(81030324)	364993.56	3766482.50	1.04676c	(81030324)
365018.56	3766482.50	1.10838c	(81123124)	365043.56	3766482.50	1.17112c	(81030324)
365068.56	3766482.50	1.25920c	(81082724)	365093.56	3766482.50	1.35582c	(81081024)
365118.56	3766482.50	1.50981c	(81081024)	365143.56	3766482.50	1.59235c	(81051924)
365168.56	3766482.50	1.61314c	(81091524)	365193.56	3766482.50	1.71534c	(81080824)
365218.56	3766482.50	1.64090c	(81102724)	365243.56	3766482.50	1.31772c	(81082624)
364718.56	3766207.50	0.39059c	(81101224)	364768.56	3766207.50	0.40330c	(81112924)
364818.56	3766207.50	0.58431	(81040324)	364868.56	3766207.50	0.66856c	(81122324)
364918.56	3766207.50	0.75765c	(81011124)	364968.56	3766207.50	0.73278c	(81102924)
365018.56	3766207.50	0.69961c	(81121124)	365068.56	3766207.50	0.66422c	(81121124)

1 *** ISC3P - VERSION 04269 ***

*** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,

*** 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)
365118.56	3766207.50	0.62914c	(81011224)	365168.56	3766207.50	0.58668c	(81121124)
365218.56	3766207.50	0.51686c	(81013124)	365268.56	3766207.50	0.44550c	(81110224)
364718.56	3766257.50	0.58438c	(81112924)	365268.56	3766257.50	0.56454c	(81013124)
364718.56	3766307.50	0.89776c	(81101224)	365268.56	3766307.50	0.67194c	(81013124)
364718.56	3766357.50	1.04916c	(81123124)	365268.56	3766357.50	0.95394c	(81112224)
364718.56	3766407.50	0.76353c	(81112724)	365268.56	3766407.50	1.12169c	(81012624)
364718.56	3766457.50	0.49730c	(81092924)	365268.56	3766457.50	1.07947c	(81032224)
364718.56	3766507.50	0.35834c	(81041924)	364768.56	3766507.50	0.44312c	(81092924)
364818.56	3766507.50	0.52191c	(81102124)	364868.56	3766507.50	0.60522c	(81030324)
364918.56	3766507.50	0.66355c	(81030324)	364968.56	3766507.50	0.74567c	(81030324)
365018.56	3766507.50	0.80851c	(81011724)	365068.56	3766507.50	0.91843c	(81082724)
365118.56	3766507.50	1.04769c	(81081024)	365168.56	3766507.50	1.07032c	(81102724)
365218.56	3766507.50	1.17558c	(81101124)	365268.56	3766507.50	0.94701c	(81082624)
364668.56	3766157.50	0.22013c	(81101224)	364743.56	3766157.50	0.22231c	(81112824)
364818.56	3766157.50	0.29119c	(81122324)	364893.56	3766157.50	0.40518c	(81101524)
364968.56	3766157.50	0.47489c	(81121124)	365043.56	3766157.50	0.47745c	(81011124)
365118.56	3766157.50	0.47275c	(81011124)	365193.56	3766157.50	0.43617c	(81102924)
365268.56	3766157.50	0.34512c	(81100524)	365343.56	3766157.50	0.29055c	(81110224)
364668.56	3766232.50	0.34043c	(81042824)	365268.56	3766232.50	0.50155c	(81013124)
365343.56	3766232.50	0.33047c	(81101324)	364668.56	3766307.50	0.57738	(81030524)
365268.56	3766307.50	0.67194c	(81013124)	365343.56	3766307.50	0.41338c	(81120124)
364668.56	3766382.50	0.59725c	(81061224)	365268.56	3766382.50	1.08045c	(81112524)
365343.56	3766382.50	0.58594c	(81031324)	364668.56	3766457.50	0.39378c	(81112724)
365268.56	3766457.50	1.07947c	(81032224)	365343.56	3766457.50	0.58723c	(81030724)
364668.56	3766532.50	0.27046c	(81092924)	364743.56	3766532.50	0.33325c	(81011324)
364818.56	3766532.50	0.42716	(81041524)	364893.56	3766532.50	0.52790c	(81123124)
364968.56	3766532.50	0.58663c	(81030324)	365043.56	3766532.50	0.65299c	(81091824)
365118.56	3766532.50	0.78424c	(81081024)	365193.56	3766532.50	0.84113c	(81081424)
365268.56	3766532.50	0.84179c	(81082724)	365343.56	3766532.50	0.58160c	(81091524)
364568.56	3766057.50	0.10047c	(81101224)	364668.56	3766057.50	0.10602c	(81122324)
364768.56	3766057.50	0.11357c	(81031024)	364868.56	3766057.50	0.18644c	(81101524)
364968.56	3766057.50	0.22808c	(81121124)	365068.56	3766057.50	0.28543c	(81101524)
365168.56	3766057.50	0.29381c	(81011124)	365268.56	3766057.50	0.24539c	(81013124)
365368.56	3766057.50	0.21115c	(81101824)	364568.56	3766157.50	0.16382c	(81012024)
365368.56	3766157.50	0.25784c	(81110124)	364568.56	3766257.50	0.27132	(81032724)
365368.56	3766257.50	0.30331c	(81120124)	364568.56	3766357.50	0.33919c	(81100124)
365368.56	3766357.50	0.46971c	(81110724)	364568.56	3766457.50	0.27621c	(81122824)
365368.56	3766457.50	0.51930c	(81070124)	364568.56	3766557.50	0.19098c	(81022324)
365368.56	3766557.50	0.48643c	(81051424)	364568.56	3766657.50	0.14710c	(81040624)
364668.56	3766657.50	0.16453c	(81060524)	364768.56	3766657.50	0.19648	(81041524)

1 *** ISC3P - VERSION 04269 ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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                                PM10Grad.POU.txt
** CONC OF PM-10          IN MICROGRAMS/M**3          **

X-COORD (M)  Y-COORD (M)  CONC  (YYMMDDHH)  X-COORD (M)  Y-COORD (M)  CONC  (YYMMDDHH)
-----
364868.56  3766657.50  0.23427c  (81123124)  364968.56  3766657.50  0.24632c  (81040624)
365068.56  3766657.50  0.27910c  (81020324)  365168.56  3766657.50  0.31646c  (81041124)
365268.56  3766657.50  0.35332c  (81082524)  365368.56  3766657.50  0.32487c  (81100224)
364268.56  3765757.50  0.03388c  (81110124)  364393.56  3765757.50  0.03798c  (81010824)
364518.56  3765757.50  0.03652c  (81102824)  364643.56  3765757.50  0.03307c  (81020624)
364768.56  3765757.50  0.04026c  (81022024)  364893.56  3765757.50  0.07124c  (81103124)
365018.56  3765757.50  0.09720c  (81102924)  365143.56  3765757.50  0.10440c  (81101524)
365268.56  3765757.50  0.09503c  (81101624)  365393.56  3765757.50  0.10429c  (81101624)
365518.56  3765757.50  0.09117c  (81010624)  365643.56  3765757.50  0.08504c  (81103024)
365768.56  3765757.50  0.06929c  (81101324)  364268.56  3765882.50  0.05224c  (81112924)
364393.56  3765882.50  0.04721c  (81020924)  364518.56  3765882.50  0.05532c  (81021024)
364643.56  3765882.50  0.04575c  (81102824)  364768.56  3765882.50  0.05323c  (81031524)
364893.56  3765882.50  0.10070c  (81101524)  365018.56  3765882.50  0.12841c  (81012424)
365143.56  3765882.50  0.14039c  (81121124)  365268.56  3765882.50  0.13421c  (81011224)
365393.56  3765882.50  0.12564c  (81103124)  365518.56  3765882.50  0.11432c  (81101124)
365643.56  3765882.50  0.09489c  (81042024)  365768.56  3765882.50  0.07485c  (81042024)
364268.56  3766007.50  0.05496c  (81012024)  364393.56  3766007.50  0.07416c  (81122024)
364518.56  3766007.50  0.07663c  (81070424)  364643.56  3766007.50  0.08214c  (81122324)
364768.56  3766007.50  0.09210c  (81022024)  364893.56  3766007.50  0.16284c  (81103124)
365018.56  3766007.50  0.19700c  (81121124)  365143.56  3766007.50  0.22578c  (81011124)
365268.56  3766007.50  0.20522c  (81103124)  365393.56  3766007.50  0.17854c  (81101824)
365518.56  3766007.50  0.13357c  (81013124)  365643.56  3766007.50  0.10363c  (81101324)
365768.56  3766007.50  0.08080c  (81080324)  364268.56  3766132.50  0.08376c  (81112524)
364393.56  3766132.50  0.09305c  (81030224)  364518.56  3766132.50  0.12924c  (81012024)
365518.56  3766132.50  0.14902c  (81080324)  365643.56  3766132.50  0.10537c  (81120124)
365768.56  3766132.50  0.08669c  (81110724)  364268.56  3766257.50  0.11557c  (81121724)
364393.56  3766257.50  0.15297c  (81042924)  364518.56  3766257.50  0.22463c  (81032724)
365518.56  3766257.50  0.18684c  (81030824)  365643.56  3766257.50  0.13028c  (81121424)
365768.56  3766257.50  0.10238c  (81110924)  364268.56  3766382.50  0.11504c  (81041924)
364393.56  3766382.50  0.18074c  (81041924)  364518.56  3766382.50  0.28427c  (81022824)
365518.56  3766382.50  0.25458c  (81121424)  365643.56  3766382.50  0.17367c  (81122524)
365768.56  3766382.50  0.12955c  (81112224)  364268.56  3766507.50  0.11362c  (81022424)
364393.56  3766507.50  0.15617c  (81012724)  364518.56  3766507.50  0.19837c  (81092924)
365518.56  3766507.50  0.25887c  (81121924)  365643.56  3766507.50  0.19185c  (81010624)
365768.56  3766507.50  0.14162c  (81010624)  364268.56  3766632.50  0.08846c  (81112724)
364393.56  3766632.50  0.11398c  (81022324)  364518.56  3766632.50  0.14561c  (81092924)
365518.56  3766632.50  0.24629c  (81051424)  365643.56  3766632.50  0.16813c  (81082624)
365768.56  3766632.50  0.12250c  (81051424)  364268.56  3766757.50  0.07871c  (81083124)
364393.56  3766757.50  0.09088c  (81012724)  364518.56  3766757.50  0.10945c  (81040624)
364643.56  3766757.50  0.10919c  (81041324)  364768.56  3766757.50  0.14003c  (81041524)
1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc      ***
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**MODELOPTS: CONC          URBAN  FLAT          DEFAULT

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0008973, L0008974, L0008975, L0008976, L0008977, L0008978,
L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990,
L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, . . . ,

*** 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)
-----
364893.56  3766757.50  0.15336c  (81012524)  365018.56  3766757.50  0.17009c  (81012224)
365143.56  3766757.50  0.19625c  (81083024)  365268.56  3766757.50  0.20638c  (81081624)
365393.56  3766757.50  0.22858c  (81041424)  365518.56  3766757.50  0.19452c  (81073124)
365643.56  3766757.50  0.16187c  (81032624)  365768.56  3766757.50  0.12131c  (81082624)
364268.56  3766882.50  0.06207c  (81011324)  364393.56  3766882.50  0.06974c  (81011324)
364518.56  3766882.50  0.07004c  (81112424)  364643.56  3766882.50  0.07861c  (81021424)
364768.56  3766882.50  0.09562c  (81031524)  364893.56  3766882.50  0.10417c  (81121024)
365018.56  3766882.50  0.11780c  (81041524)  365143.56  3766882.50  0.12581c  (81110824)
365268.56  3766882.50  0.12939c  (81082524)  365393.56  3766882.50  0.15023c  (81082524)
365518.56  3766882.50  0.14084c  (81041424)  365643.56  3766882.50  0.12689c  (81073124)
365768.56  3766882.50  0.11554c  (81073124)  364268.56  3767007.50  0.05232c  (81112424)
364393.56  3767007.50  0.05135c  (81112424)  364518.56  3767007.50  0.04923c  (81011324)
364643.56  3767007.50  0.05760c  (81041524)  364768.56  3767007.50  0.06917c  (81112424)
364893.56  3767007.50  0.08121c  (81121724)  365018.56  3767007.50  0.08636c  (81102224)
365143.56  3767007.50  0.09301c  (81020324)  365268.56  3767007.50  0.08868c  (81101924)
365393.56  3767007.50  0.09338c  (81041124)  365518.56  3767007.50  0.10745c  (81081024)
365643.56  3767007.50  0.09584c  (81070624)  365768.56  3767007.50  0.08929c  (81073124)
364787.78  3766259.50  1.41453c  (81012024)  365206.84  3766357.75  2.87573c  (81010624)
365180.28  3766456.25  3.87817c  (81082724)  364769.34  3766358.25  2.82602c  (81092924)
1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc      ***
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**MODELOPTS: CONC          URBAN  FLAT          DEFAULT

*** THE SUMMARY OF MAXIMUM PERIOD ( 8760 HRS) RESULTS ***

** CONC OF PM-10          IN MICROGRAMS/M**3          **

GROUP ID          AVERAGE CONC          RECEPTOR (XR, YR, ZELEV, ZFLAG)  OF TYPE  NETWORK GRID-ID
-----
ALL      1ST HIGHEST VALUE IS      2.66506 AT ( 364928.56, 3766397.50, 0.00, 0.00) DC      NA
        2ND HIGHEST VALUE IS      2.62132 AT ( 365008.56, 3766417.50, 0.00, 0.00) DC      NA
        3RD HIGHEST VALUE IS      2.47804 AT ( 364848.56, 3766377.50, 0.00, 0.00) DC      NA
        4TH HIGHEST VALUE IS      2.46849 AT ( 365188.56, 3766437.50, 0.00, 0.00) DC      NA
        5TH HIGHEST VALUE IS      2.45585 AT ( 365088.56, 3766437.50, 0.00, 0.00) DC      NA
        6TH HIGHEST VALUE IS      2.11235 AT ( 365180.28, 3766456.25, 0.00, 0.00) DC      NA

*** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc      ***
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**MODELOPTS: CONC          URBAN  FLAT          DEFAULT

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM-10          IN MICROGRAMS/M**3          **

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

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ALL HIGH 1ST HIGH VALUE IS 4.65798c ON 81041924: AT (364848.56, 3766377.50, 0.00, 0.00) DC NA
HIGH 6TH HIGH VALUE IS 4.02982c ON 81081424: AT (365188.56, 3766437.50, 0.00, 0.00) DC NA

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

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

**MODELOPTS: CONC URBAN FLAT DFAULT

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*** Message Summary : ISC3P Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 1 Warning Message(s)
A Total of 1673 Informational Message(s)
A Total of 1673 Calm Hours Identified

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

***** WARNING MESSAGES *****
SO W320 162 APARM :Source Parameter May Be Out-of-Range for Parameter ANGLE

*** ISC3P Finishes Successfully ***

PM2.5

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**
*****
**
** ISC-PRIME Input Produced by:
** AERMOD View Ver. 6.0.0
** Lakes Environmental Software Inc.
** Date: 8/31/2009
** File: C:\AERMOD Projects\EXPO\Expo LST\ISC3 runs\Grading\PM25\PM25Grad.PIN
**
*****
**
**
*****
** ISC-PRIME Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc
  MODELOPT DFAULT CONC URBAN
  AVERTIME 24 ANNUAL
  POLLUTID PM2.5
  TERRHGTs FLAT
  RUNORNOT RUN
CO FINISHED
**
*****
** ISC-PRIME Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION AREA1 AREA 364796.290 3766260.790
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE1
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.33E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364785.07, 3766272.26, 0.00, 5.00, 0.0
** 365204.52, 3766371.86, 0.00, 5.00, 17.38
** -----
LOCATION L0009033 VOLUME 364794.793 3766274.558
LOCATION L0009034 VOLUME 364831.157 3766283.184
LOCATION L0009035 VOLUME 364867.521 3766291.810
LOCATION L0009036 VOLUME 364903.886 3766300.435
LOCATION L0009037 VOLUME 364940.250 3766309.061
LOCATION L0009038 VOLUME 364976.615 3766317.687
LOCATION L0009039 VOLUME 365012.979 3766326.313
LOCATION L0009040 VOLUME 365049.344 3766334.939
LOCATION L0009041 VOLUME 365085.708 3766343.565
LOCATION L0009042 VOLUME 365122.072 3766352.190
LOCATION L0009043 VOLUME 365158.437 3766360.816
LOCATION L0009044 VOLUME 365194.801 3766369.442
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE2
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.33E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364781.36, 3766292.87, 0.00, 5.00, 0.0
** 365201.75, 3766392.48, 0.00, 5.00, 17.42
** -----
LOCATION L0009045 VOLUME 364791.105 3766295.059
LOCATION L0009046 VOLUME 364827.552 3766303.707
LOCATION L0009047 VOLUME 364863.999 3766312.356
LOCATION L0009048 VOLUME 364900.445 3766321.004
LOCATION L0009049 VOLUME 364936.892 3766329.652
LOCATION L0009050 VOLUME 364973.339 3766338.301
LOCATION L0009051 VOLUME 365009.786 3766346.949
LOCATION L0009052 VOLUME 365046.233 3766355.598
LOCATION L0009053 VOLUME 365082.680 3766364.246
LOCATION L0009054 VOLUME 365119.126 3766372.894
LOCATION L0009055 VOLUME 365155.573 3766381.543
LOCATION L0009056 VOLUME 365192.020 3766390.191
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE3
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.33E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364778.52, 3766312.48, 0.00, 5.00, 0.0
** 365197.51, 3766411.14, 0.00, 5.00, 17.36
** -----
LOCATION L0009057 VOLUME 364788.265 3766314.794
LOCATION L0009058 VOLUME 364824.583 3766323.354
LOCATION L0009059 VOLUME 364860.901 3766331.914
LOCATION L0009060 VOLUME 364897.220 3766340.475
LOCATION L0009061 VOLUME 364933.538 3766349.035
LOCATION L0009062 VOLUME 364969.856 3766357.595
LOCATION L0009063 VOLUME 365006.175 3766366.155
LOCATION L0009064 VOLUME 365042.493 3766374.715
LOCATION L0009065 VOLUME 365078.812 3766383.275
LOCATION L0009066 VOLUME 365115.130 3766391.836
LOCATION L0009067 VOLUME 365151.448 3766400.396
LOCATION L0009068 VOLUME 365187.767 3766408.956
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE4
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.33E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33

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** Nodes = 2
** 364774.31, 3766331.61, 0.00, 5.00, 0.0
** 365193.30, 3766430.75, 0.00, 5.00, 17.36
**
LOCATION L0009069 VOLUME 364784.043 3766333.805
LOCATION L0009070 VOLUME 364820.362 3766342.409
LOCATION L0009071 VOLUME 364856.681 3766351.012
LOCATION L0009072 VOLUME 364893.000 3766359.616
LOCATION L0009073 VOLUME 364929.319 3766368.220
LOCATION L0009074 VOLUME 364965.637 3766376.823
LOCATION L0009075 VOLUME 365001.956 3766385.427
LOCATION L0009076 VOLUME 365038.275 3766394.030
LOCATION L0009077 VOLUME 365074.594 3766402.634
LOCATION L0009078 VOLUME 365110.913 3766411.238
LOCATION L0009079 VOLUME 365147.232 3766419.841
LOCATION L0009080 VOLUME 365183.551 3766428.445
** End of Line Source
** Line Source represented by Separated Volume Sources
**
** LINE Source ID = SLINES
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 1.33E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364771.54, 3766348.80, 0.00, 5.00, 0.0
** 365190.53, 3766448.40, 0.00, 5.00, 17.37
**
LOCATION L0009081 VOLUME 364781.259 3766351.066
LOCATION L0009082 VOLUME 364817.582 3766359.713
LOCATION L0009083 VOLUME 364853.904 3766368.360
LOCATION L0009084 VOLUME 364890.226 3766377.007
LOCATION L0009085 VOLUME 364926.548 3766385.654
LOCATION L0009086 VOLUME 364962.870 3766394.301
LOCATION L0009087 VOLUME 364999.192 3766402.949
LOCATION L0009088 VOLUME 365035.514 3766411.596
LOCATION L0009089 VOLUME 365071.837 3766420.243
LOCATION L0009090 VOLUME 365108.159 3766428.890
LOCATION L0009091 VOLUME 365144.481 3766437.537
LOCATION L0009092 VOLUME 365180.803 3766446.184
** End of Line Source
** Source Parameters **
SRCPARAM AREA1 5.0E-08 1.000 418.020 101.120 346.731
SRCPARAM L0009033 1.1083E-09 5.00 17.38 2.33
SRCPARAM L0009034 1.1083E-09 5.00 17.38 2.33
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SRCPARAM L0009091 1.1083E-09 5.00 17.37 2.33
SRCPARAM L0009092 1.1083E-09 5.00 17.37 2.33
SRCGROUP ALL
SO FINISHED
**
*****
** ISC-PRIME Receptor Pathway
*****
**
**
RE STARTING
** DESCRREC "Res" "Residential"
DISCCART 365195.56 3766329.20
DISCCART 365046.70 3766293.15
DISCCART 364925.03 3766265.02
DISCCART 364810.05 3766234.54

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DISCCART 365000.67 3766093.73
DISCCART 365093.68 3766116.99
DISCCART 365250.94 3766158.60
DISCCART 365455.33 3766211.83
** BEGIN OF NESTED GRID RECEPTORS

** Nested Grid ID = NSTD2
** Grid Count = 5
** Receptor Count = 417
** X Origin of Bounding Box = 364768.57
** Y Origin of Bounding Box = 3766257.55
** X Size of Bounding Box = 440.00
** Y Size of Bounding Box = 200.00
** Grid #1: Distance from Bounding Box = 25.00 Spacing = 25.00
** Grid #2: Distance from Bounding Box = 50.00 Spacing = 50.00
** Grid #3: Distance from Bounding Box = 100.00 Spacing = 75.00
** Grid #4: Distance from Bounding Box = 200.00 Spacing = 100.00
** Grid #5: Distance from Bounding Box = 500.00 Spacing = 125.00
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DISCCART	364768.57	3765882.55

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DISCCART 365518.57 3767007.55
DISCCART 365643.57 3767007.55
DISCCART 365768.57 3767007.55
** -----
** END OF NESTED GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name SITE
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART 364787.78 3766259.45
DISCCART 365206.82 3766357.85
DISCCART 365180.28 3766456.25
DISCCART 364769.34 3766358.20
RE FINISHED
**
*****
** ISC-PRIME Meteorology Pathway
*****
**
**
ME STARTING
INPUTFIL C:\AERMOD~1\METDAT~1\WESTLA.ASC
ANEMHGH 97 METERS
SURFDATA 52158 1981
UAIRDATA 91919 1981
ME FINISHED
**
*****
** ISC-PRIME Output Pathway
*****
**
**

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OU STARTING
 RECTABLE ALLAVE 1ST 6TH
 RECTABLE 24 1ST 6TH
 ** Auto-Generated Plotfiles
 PLOTFILE 24 ALL 1ST PM25GRAD.PR\24H1GALL.PLT
 PLOTFILE 24 ALL 6TH PM25GRAD.PR\24H6GALL.PLT
 PLOTFILE ANNUAL ALL PM25GRAD.PR\AN00GALL.PLT
 OU FINISHED

*** Message Summary For ISC3P Model Setup ***

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

A Total of 0 Fatal Error Message(s)
 A Total of 1 Warning Message(s)
 A Total of 0 Informational Message(s)

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

***** WARNING MESSAGES *****
 SO W320 162 APARAM :Source Parameter May Be Out-of-Range for Parameter ANGLE

 *** SETUP Finishes Successfully ***

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PAGE 1

**MODELOPTS: CONC URBAN FLAT DEFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --
 **Model Uses NO DRY DEPLETION. DDPLETE = F
 **Model Uses NO WET DEPLETION. WDPLETE = F
 **NO WET SCAVENGING Data Provided.
 **Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations
 **Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
 1. Final Plume Rise.
 2. Stack-tip Downwash.
 3. Buoyancy-induced Dispersion.
 4. Use Calms Processing Routine.
 5. Not Use Missing Data Processing Routine.
 6. Default wind Profile Exponents.
 7. Default Vertical Potential Temperature Gradients.
 8. "Upper Bound" values for Supersquat Buildings.
 9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 61 Source(s); 1 Source Group(s); and 438 Receptor(s)

**The Model Assumes A Pollutant Type of: PM2.5

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

**Output Options Selected:
 Model Outputs Tables of ANNUAL Averages by Receptor
 Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
 Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)

**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: Anem. Hgt. (m) = 97.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

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PAGE 2

**MODELOPTS: CONC URBAN FLAT DEFAULT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0009033	0	0.11083E-08	364794.8	3766274.5	0.0	5.00	17.38	2.33	
L0009034	0	0.11083E-08	364831.2	3766283.0	0.0	5.00	17.38	2.33	
L0009035	0	0.11083E-08	364867.5	3766291.8	0.0	5.00	17.38	2.33	
L0009036	0	0.11083E-08	364903.9	3766300.5	0.0	5.00	17.38	2.33	
L0009037	0	0.11083E-08	364940.2	3766309.0	0.0	5.00	17.38	2.33	
L0009038	0	0.11083E-08	364976.6	3766317.5	0.0	5.00	17.38	2.33	
L0009039	0	0.11083E-08	365013.0	3766326.2	0.0	5.00	17.38	2.33	
L0009040	0	0.11083E-08	365049.3	3766335.0	0.0	5.00	17.38	2.33	
L0009041	0	0.11083E-08	365085.7	3766343.5	0.0	5.00	17.38	2.33	
L0009042	0	0.11083E-08	365122.1	3766352.0	0.0	5.00	17.38	2.33	
L0009043	0	0.11083E-08	365158.4	3766360.8	0.0	5.00	17.38	2.33	
L0009044	0	0.11083E-08	365194.8	3766369.5	0.0	5.00	17.38	2.33	
L0009045	0	0.11083E-08	364791.1	3766295.0	0.0	5.00	17.42	2.33	
L0009046	0	0.11083E-08	364827.6	3766303.8	0.0	5.00	17.42	2.33	
L0009047	0	0.11083E-08	364864.0	3766312.2	0.0	5.00	17.42	2.33	
L0009048	0	0.11083E-08	364900.4	3766321.0	0.0	5.00	17.42	2.33	
L0009049	0	0.11083E-08	364936.9	3766329.5	0.0	5.00	17.42	2.33	

PM25Grad.POU.txt
L0009050 0 0.11083E-08 364973.3 3766338.2 0.0 5.00 17.42 2.33
L0009051 0 0.11083E-08 365009.8 3766347.0 0.0 5.00 17.42 2.33
L0009052 0 0.11083E-08 365046.2 3766355.5 0.0 5.00 17.42 2.33
L0009053 0 0.11083E-08 365082.7 3766364.2 0.0 5.00 17.42 2.33
L0009054 0 0.11083E-08 365119.1 3766372.8 0.0 5.00 17.42 2.33
L0009055 0 0.11083E-08 365155.6 3766381.5 0.0 5.00 17.42 2.33
L0009056 0 0.11083E-08 365192.0 3766390.0 0.0 5.00 17.42 2.33
L0009057 0 0.11083E-08 364788.2 3766314.8 0.0 5.00 17.36 2.33
L0009058 0 0.11083E-08 364824.6 3766323.2 0.0 5.00 17.36 2.33
L0009059 0 0.11083E-08 364860.9 3766332.0 0.0 5.00 17.36 2.33
L0009060 0 0.11083E-08 364897.2 3766340.5 0.0 5.00 17.36 2.33
L0009061 0 0.11083E-08 364933.5 3766349.0 0.0 5.00 17.36 2.33
L0009062 0 0.11083E-08 364969.9 3766357.5 0.0 5.00 17.36 2.33
L0009063 0 0.11083E-08 365006.2 3766366.0 0.0 5.00 17.36 2.33
L0009064 0 0.11083E-08 365042.5 3766374.8 0.0 5.00 17.36 2.33
L0009065 0 0.11083E-08 365078.8 3766383.2 0.0 5.00 17.36 2.33
L0009066 0 0.11083E-08 365115.1 3766391.8 0.0 5.00 17.36 2.33
L0009067 0 0.11083E-08 365151.4 3766400.2 0.0 5.00 17.36 2.33
L0009068 0 0.11083E-08 365187.8 3766409.0 0.0 5.00 17.36 2.33
L0009069 0 0.11083E-08 364784.0 3766333.8 0.0 5.00 17.36 2.33
L0009070 0 0.11083E-08 364820.4 3766342.5 0.0 5.00 17.36 2.33
L0009071 0 0.11083E-08 364856.7 3766351.0 0.0 5.00 17.36 2.33
L0009072 0 0.11083E-08 364893.0 3766359.5 0.0 5.00 17.36 2.33
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 3

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0009073	0	0.11083E-08	364929.3	3766368.2	0.0	5.00	17.36	2.33	
L0009074	0	0.11083E-08	364965.6	3766376.8	0.0	5.00	17.36	2.33	
L0009075	0	0.11083E-08	365002.0	3766385.5	0.0	5.00	17.36	2.33	
L0009076	0	0.11083E-08	365038.2	3766394.0	0.0	5.00	17.36	2.33	
L0009077	0	0.11083E-08	365074.6	3766402.5	0.0	5.00	17.36	2.33	
L0009078	0	0.11083E-08	365110.9	3766411.2	0.0	5.00	17.36	2.33	
L0009079	0	0.11083E-08	365147.2	3766419.8	0.0	5.00	17.36	2.33	
L0009080	0	0.11083E-08	365183.6	3766428.5	0.0	5.00	17.36	2.33	
L0009081	0	0.11083E-08	364781.2	3766351.0	0.0	5.00	17.37	2.33	
L0009082	0	0.11083E-08	364817.6	3766359.8	0.0	5.00	17.37	2.33	
L0009083	0	0.11083E-08	364853.9	3766368.2	0.0	5.00	17.37	2.33	
L0009084	0	0.11083E-08	364890.2	3766377.0	0.0	5.00	17.37	2.33	
L0009085	0	0.11083E-08	364926.5	3766385.5	0.0	5.00	17.37	2.33	
L0009086	0	0.11083E-08	364962.9	3766394.2	0.0	5.00	17.37	2.33	
L0009087	0	0.11083E-08	364999.2	3766403.0	0.0	5.00	17.37	2.33	
L0009088	0	0.11083E-08	365035.5	3766411.5	0.0	5.00	17.37	2.33	
L0009089	0	0.11083E-08	365071.8	3766420.2	0.0	5.00	17.37	2.33	
L0009090	0	0.11083E-08	365108.2	3766428.8	0.0	5.00	17.37	2.33	
L0009091	0	0.11083E-08	365144.5	3766437.5	0.0	5.00	17.37	2.33	
L0009092	0	0.11083E-08	365180.8	3766446.0	0.0	5.00	17.37	2.33	
1 *** ISC3P - VERSION 04269 ***			*** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc						***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 4

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
AREA1	0	0.50000E-07	364796.3	3766260.8	0.0	1.00	418.02	101.12	346.73	0.00	
1 *** ISC3P - VERSION 04269 ***			*** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc								***

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*** SOURCE IDS DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDS

ALL AREA1 , L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, L0009063, L0009064, L0009065, L0009066, L0009067, L0009068, L0009069, L0009070, L0009071, L0009072, L0009073, L0009074, L0009075, L0009076, L0009077, L0009078, L0009079, L0009080, L0009081, L0009082, L0009083, L0009084, L0009085, L0009086, L0009087, L0009088, L0009089, L0009090, L0009091, L0009092,

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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

(365195.6, 3766329.2,	0.0,	0.0);	(365046.7, 3766293.0,	0.0,	0.0);
(364925.0, 3766265.0,	0.0,	0.0);	(364810.1, 3766234.5,	0.0,	0.0);
(365230.9, 3766352.8,	0.0,	0.0);	(365358.0, 3766388.0,	0.0,	0.0);
(365384.3, 3766356.8,	0.0,	0.0);	(365410.7, 3766309.8,	0.0,	0.0);
(365214.2, 3766258.2,	0.0,	0.0);	(365061.9, 3766221.0,	0.0,	0.0);
(364950.5, 3766192.8,	0.0,	0.0);	(364852.0, 3766170.2,	0.0,	0.0);
(364936.4, 3766071.0,	0.0,	0.0);	(365000.7, 3766093.8,	0.0,	0.0);
(365093.7, 3766117.0,	0.0,	0.0);	(365250.9, 3766158.5,	0.0,	0.0);
(365455.3, 3766211.8,	0.0,	0.0);	(364768.6, 3766257.5,	0.0,	0.0);
(364788.6, 3766257.5,	0.0,	0.0);	(364808.6, 3766257.5,	0.0,	0.0);
(364828.6, 3766257.5,	0.0,	0.0);	(364848.6, 3766257.5,	0.0,	0.0);
(364868.6, 3766257.5,	0.0,	0.0);	(364888.6, 3766257.5,	0.0,	0.0);

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PM25Grad.POU.txt
(365268.6, 3766882.5, 0.0, 0.0); (365393.6, 3766882.5, 0.0, 0.0);
(365518.6, 3766882.5, 0.0, 0.0); (365643.6, 3766882.5, 0.0, 0.0);
(365768.6, 3766882.5, 0.0, 0.0); (364268.6, 3767007.5, 0.0, 0.0);
(364393.6, 3767007.5, 0.0, 0.0); (364518.6, 3767007.5, 0.0, 0.0);
(364643.6, 3767007.5, 0.0, 0.0); (364768.6, 3767007.5, 0.0, 0.0);
(364893.6, 3767007.5, 0.0, 0.0); (365018.6, 3767007.5, 0.0, 0.0);
(365143.6, 3767007.5, 0.0, 0.0); (365268.6, 3767007.5, 0.0, 0.0);
(365393.6, 3767007.5, 0.0, 0.0); (365518.6, 3767007.5, 0.0, 0.0);
(365643.6, 3767007.5, 0.0, 0.0); (365768.6, 3767007.5, 0.0, 0.0);
(364787.8, 3766259.5, 0.0, 0.0); (365206.8, 3766357.8, 0.0, 0.0);
(365180.3, 3766456.2, 0.0, 0.0); (364769.3, 3766358.2, 0.0, 0.0);
1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009033	364768.6	3766257.5	-6.12
L0009033	364788.6	3766257.5	-19.27
L0009033	364808.6	3766257.5	-15.48
L0009033	364828.6	3766257.5	0.45
L0009033	364768.6	3766277.5	-10.98
L0009033	364768.6	3766297.5	-2.49
L0009033	364787.8	3766259.5	-20.81
L0009034	364808.6	3766257.5	-3.30
L0009034	364828.6	3766257.5	-11.74
L0009034	364848.6	3766257.5	-6.49
L0009034	364868.6	3766277.5	0.44
L0009035	364868.6	3766257.5	-3.10
L0009035	364868.6	3766277.5	-23.08
L0009035	364888.6	3766277.5	-11.96
L0009036	364888.6	3766277.5	-9.72
L0009036	364908.6	3766277.5	-13.90
L0009036	364928.6	3766277.5	-3.65
L0009037	364928.6	3766277.5	-3.77
L0009037	364948.6	3766277.5	-4.79
L0009037	364968.6	3766297.5	-6.81
L0009038	364968.6	3766297.5	-15.81
L0009038	364988.6	3766297.5	-14.06
L0009038	365008.6	3766297.5	0.34
L0009039	364988.6	3766297.5	0.35
L0009039	365008.6	3766297.5	-8.28
L0009039	365028.6	3766297.5	-4.66
L0009039	365048.6	3766317.5	-0.71
L0009040	365048.6	3766297.5	0.14
L0009040	365048.6	3766317.5	-19.85
L0009040	365068.6	3766317.5	-11.37
L0009041	365068.6	3766317.5	-6.23
L0009041	365088.6	3766317.5	-11.21
L0009041	365108.6	3766317.5	-2.74
L0009042	365108.6	3766317.5	-0.32
L0009042	365128.6	3766317.5	-2.26
L0009042	365128.6	3766337.5	-21.48
L0009042	365148.6	3766337.5	-7.16
L0009043	365128.6	3766337.5	0.49
L0009043	365148.6	3766337.5	-12.11
L0009043	365168.6	3766337.5	-12.01

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**MODELOPTS: CONC

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009043	365188.6	3766337.5	0.69
L0009044	365188.6	3766337.5	-4.76
L0009044	365208.6	3766337.5	-2.54
L0009044	365208.6	3766357.5	-19.12
L0009044	365208.6	3766377.5	-21.46
L0009044	365208.6	3766397.5	-6.17
L0009044	365218.6	3766357.5	-10.76
L0009044	365218.6	3766382.5	-10.29
L0009044	365206.8	3766357.8	-20.55
L0009045	364788.6	3766257.5	0.13
L0009045	364768.6	3766277.5	-8.92
L0009045	364768.6	3766297.5	-14.78
L0009045	364768.6	3766317.5	-5.61
L0009045	364787.8	3766259.5	-1.80
L0009047	364868.6	3766277.5	-2.40
L0009052	365048.6	3766317.5	0.62
L0009054	365128.6	3766337.5	-0.96
L0009056	365208.6	3766357.5	-0.99
L0009056	365208.6	3766377.5	-16.73
L0009056	365208.6	3766397.5	-19.30
L0009056	365208.6	3766417.5	-5.37
L0009056	365218.6	3766382.5	-9.88
L0009056	365218.6	3766407.5	-5.67
L0009056	365206.8	3766357.8	-1.96
L0009057	364768.6	3766297.5	-11.15
L0009057	364768.6	3766317.5	-17.45
L0009057	364768.6	3766337.5	-7.24
L0009068	365208.6	3766377.5	0.43
L0009068	365208.6	3766397.5	-13.55
L0009068	365208.6	3766417.5	-14.84
L0009068	365188.6	3766437.5	-8.81
L0009068	365208.6	3766437.5	-2.03
L0009068	365218.6	3766407.5	-6.48
L0009069	364768.6	3766317.5	-14.89
L0009069	364768.6	3766337.5	-21.41
L0009069	364768.6	3766357.5	-8.98
L0009069	364769.3	3766358.2	-8.76
L0009070	364808.6	3766377.5	-0.38
L0009070	364828.6	3766377.5	-1.38
L0009071	364848.6	3766377.5	-9.61

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URBAN FLAT DEFAULT

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)

L00009072	364888.6	3766397.5	0.93
L00009073	364908.6	3766397.5	-1.46
L00009073	364928.6	3766397.5	-8.06
L00009075	364988.6	3766417.5	-2.63
L00009075	365008.6	3766417.5	-4.65
L00009076	365008.6	3766417.5	0.54
L00009077	365068.6	3766437.5	-1.81
L00009077	365088.6	3766437.5	0.36
L00009078	365088.6	3766437.5	-2.85
L00009079	365148.6	3766457.5	0.45
L00009080	365208.6	3766417.5	-10.01
L00009080	365188.6	3766437.5	-27.03
L00009080	365208.6	3766437.5	-10.75
L00009080	365168.6	3766457.5	-4.67
L00009080	365188.6	3766457.5	-7.90
L00009080	365208.6	3766457.5	0.96
L00009080	365218.6	3766432.5	-2.10
L00009080	365180.3	3766456.2	-9.38
L00009081	364768.6	3766317.5	-1.52
L00009081	364768.6	3766337.5	-18.82
L00009081	364768.6	3766357.5	-23.09
L00009081	364768.6	3766377.5	-7.96
L00009081	364788.6	3766377.5	-9.86
L00009081	364808.6	3766377.5	0.71
L00009081	364743.6	3766357.5	0.90
L00009081	364769.3	3766358.2	-23.41
L00009082	364788.6	3766377.5	-3.32
L00009082	364808.6	3766377.5	-17.43
L00009082	364828.6	3766377.5	-16.48
L00009082	364848.6	3766377.5	-1.65
L00009083	364828.6	3766377.5	-10.37
L00009083	364848.6	3766377.5	-26.66
L00009083	364848.6	3766397.5	-7.61
L00009083	364868.6	3766397.5	-4.63
L00009084	364868.6	3766397.5	-7.53
L00009084	364888.6	3766397.5	-16.78
L00009084	364908.6	3766397.5	-9.84
L00009085	364908.6	3766397.5	-15.74
L00009085	364928.6	3766397.5	-25.17
L00009085	364908.6	3766417.5	-0.66

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

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URBAN FLAT DFAULT

SOURCE ID	- - RECEPTOR LOCATION - - XR (METERS) YR (METERS)	DISTANCE (METERS)

L00009085	364928.6	3766417.5	-5.28
L00009086	364928.6	3766397.5	-2.88
L00009086	364928.6	3766417.5	-10.04
L00009086	364968.6	3766417.5	-13.41
L00009086	364988.6	3766417.5	-2.70
L00009087	364968.6	3766417.5	-3.46
L00009087	364988.6	3766417.5	-19.37
L00009087	365008.6	3766417.5	-2.05
L00009087	364988.6	3766437.5	-1.59
L00009087	365008.6	3766437.5	-2.28
L00009088	365008.6	3766417.5	-9.75
L00009088	365008.6	3766437.5	0.09
L00009088	365028.6	3766437.5	-10.44
L00009088	365048.6	3766437.5	-8.25
L00009089	365048.6	3766437.5	-8.37
L00009089	365068.6	3766437.5	-19.79
L00009089	365088.6	3766437.5	-13.32
L00009089	365068.6	3766457.5	0.05
L00009090	365088.6	3766437.5	-15.89
L00009090	365088.6	3766457.5	-2.55
L00009090	365108.6	3766457.5	-8.59
L00009090	365128.6	3766457.5	-2.09
L00009091	365128.6	3766457.5	-11.77
L00009091	365148.6	3766457.5	-16.94
L00009091	365168.6	3766457.5	-6.06
L00009092	365188.6	3766437.5	-25.84
L00009092	365208.6	3766437.5	-8.32
L00009092	365148.6	3766457.5	-3.11
L00009092	365168.6	3766457.5	-20.54
L00009092	365188.6	3766457.5	-23.48
L00009092	365208.6	3766457.5	-7.31
L00009092	365180.3	3766456.2	-27.00

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

```

URBAN FLAT DFAULT

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

[illegible]

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	1	2	3	4	5	6
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

FILE: C:\AERMOD~1\METDAT~1\WESTLA.ASC
SURFACE STATION NO.: 52158
NAME: UNKNOWN
YEAR: 1981

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
UPPER AIR STATION NO.: 91919
NAME: UNKNOWN
YEAR: 1981

YEAR	MONTH	DAY	HOUR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-O (M)	IPCODE	PRATE (mm/HR)
81	1	1	1	67.3	1.00	285.9	7	387.1	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	2	79.9	1.00	286.5	7	397.2	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	3	62.5	1.00	285.9	6	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	4	98.5	1.00	285.9	5	417.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	5	354.0	1.00	285.4	4	427.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	6	139.5	1.00	283.7	5	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	7	94.5	1.00	283.7	6	447.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	8	112.2	1.00	284.3	5	70.1	201.5	0.0000	0.0	0.0000	0	0.00
81	1	1	9	186.5	1.00	287.0	4	144.7	254.3	0.0000	0.0	0.0000	0	0.00
81	1	1	10	256.6	1.00	291.5	3	219.4	307.0	0.0000	0.0	0.0000	0	0.00
81	1	1	11	314.1	1.00	294.8	2	294.0	359.8	0.0000	0.0	0.0000	0	0.00
81	1	1	12	35.6	2.68	290.9	3	368.7	412.5	0.0000	0.0	0.0000	0	0.00
81	1	1	13	64.7	2.24	289.8	3	443.3	465.3	0.0000	0.0	0.0000	0	0.00
81	1	1	14	34.2	2.24	290.4	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	15	44.8	1.34	290.4	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	16	53.2	1.79	289.3	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	17	42.6	0.00	288.1	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	18	30.1	1.00	287.6	5	518.0	468.5	0.0000	0.0	0.0000	0	0.00
81	1	1	19	20.5	0.00	287.0	6	518.0	425.9	0.0000	0.0	0.0000	0	0.00
81	1	1	20	55.7	1.00	287.0	7	518.0	383.4	0.0000	0.0	0.0000	0	0.00
81	1	1	21	43.6	0.00	287.6	7	518.0	340.8	0.0000	0.0	0.0000	0	0.00
81	1	1	22	137.0	1.00	287.0	7	518.0	298.2	0.0000	0.0	0.0000	0	0.00
81	1	1	23	90.7	1.00	286.5	7	518.0	255.6	0.0000	0.0	0.0000	0	0.00
81	1	1	24	67.2	1.00	286.5	6	518.0	213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): AREA1, L0009033, L0009034, L0009035, L0009036, L0009037, L0009038,
L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050,
L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365195.56	3766329.25	0.12935	365046.69	3766293.00	0.12721
364925.03	3766265.00	0.10837	364810.06	3766234.50	0.03309
365230.94	3766352.75	0.12842	365358.03	3766388.00	0.04377
365384.34	3766356.75	0.03333	365410.66	3766309.75	0.02313
365214.22	3766258.25	0.04509	365061.88	3766221.00	0.04135
364950.50	3766192.75	0.03144	364851.97	3766170.25	0.01517
364936.41	3766071.00	0.00874	365000.66	3766093.75	0.01327
365093.69	3766117.00	0.01813	365250.94	3766158.50	0.02014
365455.34	3766211.75	0.01274	364768.56	3766257.50	0.03894
364788.56	3766257.50	0.05106	364808.56	3766257.50	0.08626
364828.56	3766257.50	0.10502	364848.56	3766257.50	0.10633
364868.56	3766257.50	0.10314	364888.56	3766257.50	0.09855
364908.56	3766257.50	0.09364	364928.56	3766257.50	0.08886
364948.56	3766257.50	0.08436	364968.56	3766257.50	0.08015
364988.56	3766257.50	0.07626	365008.56	3766257.50	0.07266
365028.56	3766257.50	0.06931	365048.56	3766257.50	0.06621
365068.56	3766257.50	0.06333	365088.56	3766257.50	0.06065
365108.56	3766257.50	0.05818	365128.56	3766257.50	0.05593
365148.56	3766257.50	0.05380	365168.56	3766257.50	0.05156
365188.56	3766257.50	0.04882	365208.56	3766257.50	0.04568
364768.56	3766277.50	0.07059	364868.56	3766277.50	0.25196
364888.56	3766277.50	0.20949	364908.56	3766277.50	0.17898
364928.56	3766277.50	0.15620	364948.56	3766277.50	0.13911
364968.56	3766277.50	0.12577	364988.56	3766277.50	0.11496

365008.56 3766277.50 0.10598 PM25Grad.POU.txt 365028.56 3766277.50 0.09836
365048.56 3766277.50 0.09175 365068.56 3766277.50 0.08594
365088.56 3766277.50 0.08080 365108.56 3766277.50 0.07622
365128.56 3766277.50 0.07214 365148.56 3766277.50 0.06845
365168.56 3766277.50 0.06488 365188.56 3766277.50 0.06082
365208.56 3766277.50 0.05612 364768.56 3766297.50 0.10181
364968.56 3766297.50 0.25122 364988.56 3766297.50 0.20995
365008.56 3766297.50 0.18007 365028.56 3766297.50 0.15789
365048.56 3766297.50 0.14070 365068.56 3766297.50 0.12699
365088.56 3766297.50 0.11572 365108.56 3766297.50 0.10627
365128.56 3766297.50 0.09823 365148.56 3766297.50 0.09128
365168.56 3766297.50 0.08503 365188.56 3766297.50 0.07858
365208.56 3766297.50 0.07109 364768.56 3766317.50 0.12977
365048.56 3766317.50 0.27636 365068.56 3766317.50 0.22881
365088.56 3766317.50 0.19410 365108.56 3766317.50 0.16804
365128.56 3766317.50 0.14819 365148.56 3766317.50 0.13252
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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0009033, L0009034, L0009035, L0009036, L0009037, L0009038,
L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050,
L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365168.56 3766317.50 0.11950 365188.56 3766317.50 0.10763
365208.56 3766317.50 0.09429 364768.56 3766337.50 0.15506
365128.56 3766337.50 0.29052 365148.56 3766337.50 0.23741
365168.56 3766337.50 0.19796 365188.56 3766337.50 0.16732
365208.56 3766337.50 0.13677 364768.56 3766357.50 0.16079
365208.56 3766357.50 0.24065 364768.56 3766377.50 0.10192
364788.56 3766377.50 0.16571 364808.56 3766377.50 0.26672
364828.56 3766377.50 0.38824 364848.56 3766377.50 0.52724
365208.56 3766377.50 0.35936 364768.56 3766397.50 0.07302
364788.56 3766397.50 0.09889 364808.56 3766397.50 0.13375
364828.56 3766397.50 0.17839 364848.56 3766397.50 0.22971
364868.56 3766397.50 0.28794 364888.56 3766397.50 0.35767
364908.56 3766397.50 0.44700 364928.56 3766397.50 0.56703
365208.56 3766397.50 0.36351 364768.56 3766417.50 0.05688
364788.56 3766417.50 0.07160 364808.56 3766417.50 0.08948
364828.56 3766417.50 0.11163 364848.56 3766417.50 0.13796
364868.56 3766417.50 0.16732 364888.56 3766417.50 0.19912
364908.56 3766417.50 0.23376 364928.56 3766417.50 0.27251
364948.56 3766417.50 0.31779 364968.56 3766417.50 0.37462
364988.56 3766417.50 0.44925 365008.56 3766417.50 0.55773
365208.56 3766417.50 0.33816 364768.56 3766437.50 0.04628
364788.56 3766437.50 0.05590 364808.56 3766437.50 0.06709
364828.56 3766437.50 0.08002 364848.56 3766437.50 0.09545
364868.56 3766437.50 0.11310 364888.56 3766437.50 0.13236
364908.56 3766437.50 0.15278 364928.56 3766437.50 0.17429
364948.56 3766437.50 0.19705 364968.56 3766437.50 0.22161
364988.56 3766437.50 0.24899 365008.56 3766437.50 0.28040
365028.56 3766437.50 0.31819 365048.56 3766437.50 0.36575
365068.56 3766437.50 0.43015 365088.56 3766437.50 0.52252
365188.56 3766437.50 0.52521 365208.56 3766437.50 0.29843
364768.56 3766457.50 0.03868 364788.56 3766457.50 0.04546
364808.56 3766457.50 0.05316 364828.56 3766457.50 0.06167
364848.56 3766457.50 0.07148 364868.56 3766457.50 0.08286
364888.56 3766457.50 0.09552 364908.56 3766457.50 0.10911
364928.56 3766457.50 0.12329 364948.56 3766457.50 0.13795
364968.56 3766457.50 0.15306 364988.56 3766457.50 0.16872
365008.56 3766457.50 0.18520 365028.56 3766457.50 0.20281
365048.56 3766457.50 0.22197 365068.56 3766457.50 0.24335
365088.56 3766457.50 0.26772 365108.56 3766457.50 0.29627
365128.56 3766457.50 0.33055 365148.56 3766457.50 0.37234
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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0009033, L0009034, L0009035, L0009036, L0009037, L0009038,
L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050,
L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365168.56 3766457.50 0.41681 365188.56 3766457.50 0.36612
365208.56 3766457.50 0.24330 364743.56 3766232.50 0.01823
364768.56 3766232.50 0.01975 364793.56 3766232.50 0.02438
364818.56 3766232.50 0.03521 364843.56 3766232.50 0.04601
364868.56 3766232.50 0.05194 364893.56 3766232.50 0.05431
364918.56 3766232.50 0.05469 364943.56 3766232.50 0.05400
364968.56 3766232.50 0.05279 364993.56 3766232.50 0.05131
365018.56 3766232.50 0.04972 365043.56 3766232.50 0.04807
365068.56 3766232.50 0.04642 365093.56 3766232.50 0.04485
365118.56 3766232.50 0.04338 365143.56 3766232.50 0.04196
365168.56 3766232.50 0.04026 365193.56 3766232.50 0.03799
365218.56 3766232.50 0.03542 365243.56 3766232.50 0.03276
364743.56 3766257.50 0.03080 365218.56 3766257.50 0.04407
365243.56 3766257.50 0.04001 364743.56 3766282.50 0.04994
365218.56 3766282.50 0.05667 365243.56 3766282.50 0.05005
364743.56 3766307.50 0.06830 365218.56 3766307.50 0.07626
365243.56 3766307.50 0.06414 364743.56 3766332.50 0.08174
365218.56 3766332.50 0.11088 365243.56 3766332.50 0.08313
364743.56 3766357.50 0.08156 365218.56 3766357.50 0.18056
365243.56 3766357.50 0.11162 364743.56 3766382.50 0.06373
365218.56 3766382.50 0.25886 365243.56 3766382.50 0.14035
364743.56 3766407.50 0.04910 365218.56 3766407.50 0.26989
365243.56 3766407.50 0.15892 364743.56 3766432.50 0.03922
365218.56 3766432.50 0.24915 365243.56 3766432.50 0.16051
364743.56 3766457.50 0.03221 365218.56 3766457.50 0.20694
365243.56 3766457.50 0.14620 364743.56 3766482.50 0.02701
364768.56 3766482.50 0.03170 364793.56 3766482.50 0.03764
364818.56 3766482.50 0.04434 364843.56 3766482.50 0.05174
364868.56 3766482.50 0.06036 364893.56 3766482.50 0.07040
364918.56 3766482.50 0.08154 364943.56 3766482.50 0.09331
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PM25Grad.POU.txt
364968.56 3766482.50 0.10536 364993.56 3766482.50 0.11753
365018.56 3766482.50 0.12974 365043.56 3766482.50 0.14197
365068.56 3766482.50 0.15423 365093.56 3766482.50 0.16647
365118.56 3766482.50 0.17834 365143.56 3766482.50 0.18890
365168.56 3766482.50 0.19601 365193.56 3766482.50 0.18733
365218.56 3766482.50 0.15904 365243.56 3766482.50 0.12619
364718.56 3766207.50 0.01168 364768.56 3766207.50 0.01278
364818.56 3766207.50 0.02037 364868.56 3766207.50 0.03080
364918.56 3766207.50 0.03668 364968.56 3766207.50 0.03795
365018.56 3766207.50 0.03730 365068.56 3766207.50 0.03595
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0009033, L0009034, L0009035, L0009036, L0009037, L0009038,
L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050,
L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365118.56 3766207.50 0.03450 365168.56 3766207.50 0.03257
365218.56 3766207.50 0.02927 365268.56 3766207.50 0.02554
364718.56 3766257.50 0.02560 365268.56 3766257.50 0.03601
364718.56 3766307.50 0.04776 365268.56 3766307.50 0.05264
364718.56 3766357.50 0.05459 365268.56 3766357.50 0.08045
364718.56 3766407.50 0.03932 365268.56 3766407.50 0.10690
364718.56 3766457.50 0.02766 365268.56 3766457.50 0.10773
364718.56 3766507.50 0.02031 364768.56 3766507.50 0.02652
364818.56 3766507.50 0.03562 364868.56 3766507.50 0.04646
364918.56 3766507.50 0.06051 364968.56 3766507.50 0.07687
365018.56 3766507.50 0.09337 365068.56 3766507.50 0.10882
365118.56 3766507.50 0.12200 365168.56 3766507.50 0.12980
365218.56 3766507.50 0.11832 365268.56 3766507.50 0.08885
364668.56 3766157.50 0.00635 364743.56 3766157.50 0.00660
364818.56 3766157.50 0.01033 364893.56 3766157.50 0.01656
364968.56 3766157.50 0.02188 365043.56 3766157.50 0.02358
365118.56 3766157.50 0.02374 365193.56 3766157.50 0.02220
365268.56 3766157.50 0.01930 365343.56 3766157.50 0.01608
364668.56 3766232.50 0.01401 365268.56 3766232.50 0.03008
365343.56 3766232.50 0.02194 364668.56 3766307.50 0.02880
365268.56 3766307.50 0.05264 365343.56 3766307.50 0.03152
364668.56 3766382.50 0.02968 365268.56 3766382.50 0.09564
365343.56 3766382.50 0.04756 364668.56 3766457.50 0.02098
365268.56 3766457.50 0.10773 365343.56 3766457.50 0.05197
364668.56 3766532.50 0.01457 364743.56 3766532.50 0.01982
364818.56 3766532.50 0.02937 364893.56 3766532.50 0.04166
364968.56 3766532.50 0.05837 365043.56 3766532.50 0.07591
365118.56 3766532.50 0.09030 365193.56 3766532.50 0.09395
365268.56 3766532.50 0.07676 365343.56 3766532.50 0.04949
364568.56 3766057.50 0.00287 364668.56 3766057.50 0.00295
364768.56 3766057.50 0.00345 364868.56 3766057.50 0.00597
364968.56 3766057.50 0.00894 365068.56 3766057.50 0.01207
365168.56 3766057.50 0.01313 365268.56 3766057.50 0.01227
365368.56 3766057.50 0.01071 364568.56 3766157.50 0.00558
365368.56 3766157.50 0.01492 364568.56 3766257.50 0.01167
365368.56 3766257.50 0.02158 364568.56 3766357.50 0.01581
365368.56 3766357.50 0.03655 364568.56 3766457.50 0.01304
365368.56 3766457.50 0.04314 364568.56 3766557.50 0.00941
365368.56 3766557.50 0.04110 364568.56 3766657.50 0.00684
364668.56 3766657.50 0.00867 364768.56 3766657.50 0.01184
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0009033, L0009034, L0009035, L0009036, L0009037, L0009038,
L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050,
L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
364868.56 3766657.50 0.01642 364968.56 3766657.50 0.02159
365068.56 3766657.50 0.02827 365168.56 3766657.50 0.03363
365268.56 3766657.50 0.03439 365368.56 3766657.50 0.03075
364268.56 3765757.50 0.00080 364393.56 3765757.50 0.00085
364518.56 3765757.50 0.00083 364643.56 3765757.50 0.00075
364768.56 3765757.50 0.00111 364893.56 3765757.50 0.00185
365018.56 3765757.50 0.00272 365143.56 3765757.50 0.00336
365268.56 3765757.50 0.00388 365393.56 3765757.50 0.00423
365518.56 3765757.50 0.00422 365643.56 3765757.50 0.00391
365768.56 3765757.50 0.00333 364268.56 3765882.50 0.00117
364393.56 3765882.50 0.00122 364518.56 3765882.50 0.00128
364643.56 3765882.50 0.00120 364768.56 3765882.50 0.00161
364893.56 3765882.50 0.00275 365018.56 3765882.50 0.00416
365143.56 3765882.50 0.00547 365268.56 3765882.50 0.00618
365393.56 3765882.50 0.00612 365518.56 3765882.50 0.00558
365643.56 3765882.50 0.00464 365768.56 3765882.50 0.00363
364268.56 3766007.50 0.00190 364393.56 3766007.50 0.00203
364518.56 3766007.50 0.00214 364643.56 3766007.50 0.00221
364768.56 3766007.50 0.00266 364893.56 3766007.50 0.00489
365018.56 3766007.50 0.00764 365143.56 3766007.50 0.01009
365268.56 3766007.50 0.01002 365393.56 3766007.50 0.00884
365518.56 3766007.50 0.00708 365643.56 3766007.50 0.00519
365768.56 3766007.50 0.00394 364268.56 3766132.50 0.00301
364393.56 3766132.50 0.00366 364518.56 3766132.50 0.00440
365518.56 3766132.50 0.00848 365643.56 3766132.50 0.00612
365768.56 3766132.50 0.00479 364268.56 3766257.50 0.00462
364393.56 3766257.50 0.00641 364518.56 3766257.50 0.00960
365518.56 3766257.50 0.01246 365643.56 3766257.50 0.00918
365768.56 3766257.50 0.00719 364268.56 3766382.50 0.00506
364393.56 3766382.50 0.00740 364518.56 3766382.50 0.01209
365518.56 3766382.50 0.01941 365643.56 3766382.50 0.01275
365768.56 3766382.50 0.00915 364268.56 3766507.50 0.00464
364393.56 3766507.50 0.00635 364518.56 3766507.50 0.00938
365518.56 3766507.50 0.01951 365643.56 3766507.50 0.01269
365768.56 3766507.50 0.00913 364268.56 3766632.50 0.00380
364393.56 3766632.50 0.00494 364518.56 3766632.50 0.00652
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365518.56 3766632.50 0.01964 PM25Grad.POU.txt 365643.56 3766632.50 0.01257
365768.56 3766632.50 0.00880 364268.56 3766757.50 0.00310
364393.56 3766757.50 0.00377 364518.56 3766757.50 0.00469
364643.56 3766757.50 0.00583 364768.56 3766757.50 0.00796
1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0009033, L0009034, L0009035, L0009036, L0009037, L0009038,
L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050,
L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
364893.56 3766757.50 0.01107 365018.56 3766757.50 0.01424
365143.56 3766757.50 0.01804 365268.56 3766757.50 0.01997
365393.56 3766757.50 0.02017 365518.56 3766757.50 0.01673
365643.56 3766757.50 0.01247 365768.56 3766757.50 0.00903
364268.56 3766882.50 0.00250 364393.56 3766882.50 0.00292
364518.56 3766882.50 0.00341 364643.56 3766882.50 0.00410
364768.56 3766882.50 0.00542 364893.56 3766882.50 0.00709
365018.56 3766882.50 0.00869 365143.56 3766882.50 0.01012
365268.56 3766882.50 0.01135 365393.56 3766882.50 0.01244
365518.56 3766882.50 0.01227 365643.56 3766882.50 0.01064
365768.56 3766882.50 0.00868 364268.56 3767007.50 0.00200
364393.56 3767007.50 0.00228 364518.56 3767007.50 0.00260
364643.56 3767007.50 0.00311 364768.56 3767007.50 0.00396
364893.56 3767007.50 0.00502 365018.56 3767007.50 0.00597
365143.56 3767007.50 0.00655 365268.56 3767007.50 0.00711
365393.56 3767007.50 0.00797 365518.56 3767007.50 0.00861
365643.56 3767007.50 0.00833 365768.56 3767007.50 0.00746
364787.78 3766259.50 0.05706 365206.84 3766357.75 0.25658
365180.28 3766456.25 0.44943 364769.34 3766358.25 0.16418
1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0009033, L0009034, L0009035, L0009036, L0009037, L0009038,
L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050,
L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
365195.56 3766329.25 0.47674c (81103124) 365046.69 3766293.00 0.49549c (81103124)
364925.03 3766265.00 0.51893c (81011224) 364810.06 3766234.50 0.22298 (81122224)
365230.94 3766352.75 0.38289c (81110224) 365358.03 3766388.00 0.15268 (81032624)
365384.34 3766356.75 0.11658 (81032624) 365410.66 3766309.75 0.09021c (81071824)
365214.22 3766258.25 0.20906c (81103024) 365061.88 3766221.00 0.19936 (81122224)
364950.50 3766192.75 0.19671 (81122224) 364851.97 3766170.25 0.14608 (81122224)
364936.41 3766071.00 0.10339 (81122224) 365000.66 3766093.75 0.11826 (81122224)
365093.69 3766117.00 0.11961 (81122224) 365250.94 3766158.50 0.11120c (81103024)
365455.34 3766211.75 0.06069c (81110224) 364768.56 3766257.50 0.28192c (81011224)
364788.56 3766257.50 0.39584c (81011224) 364808.56 3766257.50 0.51251c (81011224)
364828.56 3766257.50 0.57950c (81011224) 364848.56 3766257.50 0.56859c (81011224)
364868.56 3766257.50 0.54116c (81011224) 364888.56 3766257.50 0.50892c (81011224)
364908.56 3766257.50 0.47631c (81011224) 364928.56 3766257.50 0.44498c (81011224)
364948.56 3766257.50 0.41585c (81011224) 364968.56 3766257.50 0.38794c (81011224)
364988.56 3766257.50 0.36068c (81011224) 365008.56 3766257.50 0.33325c (81011224)
365028.56 3766257.50 0.30582c (81011224) 365048.56 3766257.50 0.28247c (8103124)
365068.56 3766257.50 0.27131c (81103124) 365088.56 3766257.50 0.26035c (81103124)
365108.56 3766257.50 0.25028c (81103124) 365128.56 3766257.50 0.24133c (81103124)
365148.56 3766257.50 0.23337c (81103124) 365168.56 3766257.50 0.22519c (81103024)
365188.56 3766257.50 0.21856c (81103024) 365208.56 3766257.50 0.21111c (81103024)
364768.56 3766277.50 0.34871c (81030624) 364868.56 3766277.50 0.92439c (81011224)
364888.56 3766277.50 0.86427c (81011224) 364908.56 3766277.50 0.76499c (81011224)
364928.56 3766277.50 0.67651c (81011224) 364948.56 3766277.50 0.60470c (81011224)
364968.56 3766277.50 0.54602c (81011224) 364988.56 3766277.50 0.49632c (81011224)
365008.56 3766277.50 0.45138c (81011224) 365028.56 3766277.50 0.40972c (81011224)
365048.56 3766277.50 0.37686c (81103124) 365068.56 3766277.50 0.35599c (81103124)
365088.56 3766277.50 0.33701c (81103124) 365108.56 3766277.50 0.31941c (81103124)
365128.56 3766277.50 0.30360c (81103124) 365148.56 3766277.50 0.28970c (81103124)
365168.56 3766277.50 0.27602c (81103124) 365188.56 3766277.50 0.25781c (81103024)
365208.56 3766277.50 0.24666c (81103024) 364768.56 3766297.50 0.47847c (81112724)
364968.56 3766297.50 0.90074c (81011224) 364988.56 3766297.50 0.79087c (81011224)
365008.56 3766297.50 0.68825c (81011224) 365028.56 3766297.50 0.60442c (81011224)
365048.56 3766297.50 0.53790c (81103124) 365068.56 3766297.50 0.49495c (81103124)
365088.56 3766297.50 0.45791c (81103124) 365108.56 3766297.50 0.42569c (81103124)
365128.56 3766297.50 0.39687c (81103124) 365148.56 3766297.50 0.37153c (81103124)
365168.56 3766297.50 0.34902c (81103124) 365188.56 3766297.50 0.31826c (81103124)
365208.56 3766297.50 0.29645c (81103024) 364768.56 3766317.50 0.60264c (81112724)
365048.56 3766317.50 0.89594c (81011224) 365068.56 3766317.50 0.78035c (81103124)
365088.56 3766317.50 0.69363c (81103124) 365108.56 3766317.50 0.61916c (81103124)
365128.56 3766317.50 0.56157c (81103124) 365148.56 3766317.50 0.50913c (81103124)
1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0009033, L0009034, L0009035, L0009036, L0009037, L0009038,
L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050,
L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
365168.56 3766317.50 0.46498c (81103124) 365188.56 3766317.50 0.41634c (81103124)
365208.56 3766317.50 0.37159c (81103024) 364768.56 3766337.50 0.70989c (81112724)
365128.56 3766337.50 0.86228c (81103124) 365148.56 3766337.50 0.79663c (81103124)
365168.56 3766337.50 0.70820c (81103124) 365188.56 3766337.50 0.60295c (81103124)
365208.56 3766337.50 0.49446c (81103024) 364768.56 3766357.50 0.72571c (81112724)
365208.56 3766357.50 0.64699c (81110224) 364768.56 3766377.50 0.45446c (81123124)
364788.56 3766377.50 0.59012c (81123124) 364808.56 3766377.50 0.71295c (81123124)

364828.56 3766377.50 0.85614c (81123124) PM25Grad.POU.txt 364848.56 3766377.50 0.99107c (81041924)
365208.56 3766377.50 0.71840c (81010624) 364768.56 3766397.50 0.33512c (81123124)
364788.56 3766397.50 0.40422c (81123124) 364808.56 3766397.50 0.44980c (81123124)
364828.56 3766397.50 0.50061c (81123124) 364848.56 3766397.50 0.56877c (81123124)
364868.56 3766397.50 0.65105c (81123124) 364888.56 3766397.50 0.75396c (81123124)
364908.56 3766397.50 0.87259c (81123124) 364928.56 3766397.50 0.98125c (81123124)
365208.56 3766397.50 0.67366c (81012624) 364768.56 3766417.50 0.26803c (81123124)
364788.56 3766417.50 0.31115c (81123124) 364808.56 3766417.50 0.33767c (81123124)
364828.56 3766417.50 0.36619c (81123124) 364848.56 3766417.50 0.39175c (81123124)
364868.56 3766417.50 0.43046c (81123124) 364888.56 3766417.50 0.47417c (81123124)
364908.56 3766417.50 0.52506c (81123124) 364928.56 3766417.50 0.58382c (81123124)
364948.56 3766417.50 0.65322c (81123124) 364968.56 3766417.50 0.73908c (81123124)
364988.56 3766417.50 0.84791c (81123124) 365008.56 3766417.50 0.95993c (81123124)
365208.56 3766417.50 0.62441 (81032624) 364768.56 3766437.50 0.22387c (81123124)
364788.56 3766437.50 0.25348c (81123124) 364808.56 3766437.50 0.27193c (81123124)
364828.56 3766437.50 0.28576c (81123124) 364848.56 3766437.50 0.30124c (81123124)
364868.56 3766437.50 0.32028c (81123124) 364888.56 3766437.50 0.34353c (81123124)
364908.56 3766437.50 0.37043c (81123124) 364928.56 3766437.50 0.40002c (81123124)
364948.56 3766437.50 0.43220c (81123124) 364968.56 3766437.50 0.46782c (81123124)
364988.56 3766437.50 0.50687c (81123124) 365008.56 3766437.50 0.55278c (81123124)
365028.56 3766437.50 0.60610c (81123124) 365048.56 3766437.50 0.67503c (81123124)
365068.56 3766437.50 0.76154c (81123124) 365088.56 3766437.50 0.88046c (81082524)
365188.56 3766437.50 0.93613c (81051424) 365208.56 3766437.50 0.59050c (81051424)
364768.56 3766457.50 0.18985c (81123124) 364788.56 3766457.50 0.21106c (81123124)
364808.56 3766457.50 0.22439c (81123124) 364828.56 3766457.50 0.23296c (81123124)
364848.56 3766457.50 0.24135c (81123124) 364868.56 3766457.50 0.25421c (81021424)
364888.56 3766457.50 0.27619c (81021424) 364908.56 3766457.50 0.29435c (81021424)
364928.56 3766457.50 0.31077c (81021424) 364948.56 3766457.50 0.32716c (81021424)
364968.56 3766457.50 0.34411c (81021424) 364988.56 3766457.50 0.36259c (81021424)
365008.56 3766457.50 0.38278c (81021424) 365028.56 3766457.50 0.40512c (81021424)
365048.56 3766457.50 0.42982c (81021424) 365068.56 3766457.50 0.46645c (81082524)
365088.56 3766457.50 0.51563c (81082524) 365108.56 3766457.50 0.57298c (81082524)
365128.56 3766457.50 0.63886c (81082524) 365148.56 3766457.50 0.70394c (81082524)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 25
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0009033, L0009034, L0009035, L0009036, L0009037, L0009038,
L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050,
L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
365168.56 3766457.50 0.81753c (81081024) 365188.56 3766457.50 0.81798c (81081024)
365208.56 3766457.50 0.55780c (81051424) 364743.56 3766232.50 0.17363c (81030624)
364768.56 3766232.50 0.21281c (81011224) 364793.56 3766232.50 0.20431c (81011224)
364818.56 3766232.50 0.27705 (81122224) 364843.56 3766232.50 0.33282 (81122224)
364868.56 3766232.50 0.32226 (81122224) 364893.56 3766232.50 0.31141c (81011224)
364918.56 3766232.50 0.30652c (81011224) 364943.56 3766232.50 0.29410c (81011224)
364968.56 3766232.50 0.27647c (81011224) 364993.56 3766232.50 0.25567c (81011224)
365018.56 3766232.50 0.23262c (81011224) 365043.56 3766232.50 0.22223 (81122224)
365068.56 3766232.50 0.21301 (81122224) 365093.56 3766232.50 0.20471 (81122224)
365118.56 3766232.50 0.19845c (81103024) 365143.56 3766232.50 0.19278c (81103024)
365168.56 3766232.50 0.18738c (81103024) 365193.56 3766232.50 0.18218c (81103024)
365218.56 3766232.50 0.17491c (81103024) 365243.56 3766232.50 0.15497c (81103024)
364743.56 3766257.50 0.21181c (81030624) 365218.56 3766257.50 0.20480c (81103024)
365243.56 3766257.50 0.17143c (81103024) 364743.56 3766282.50 0.24326c (81030624)
365218.56 3766282.50 0.24522c (81103024) 365243.56 3766282.50 0.18864c (81103024)
364743.56 3766307.50 0.35888c (81112724) 365218.56 3766307.50 0.30050c (81103024)
365243.56 3766307.50 0.22306c (81110224) 364743.56 3766332.50 0.44236c (81112724)
365218.56 3766332.50 0.36662c (81103024) 365243.56 3766332.50 0.28223c (81110224)
364743.56 3766357.50 0.45098c (81030124) 365218.56 3766357.50 0.50250c (81110224)
365243.56 3766357.50 0.31267c (81110224) 364743.56 3766382.50 0.32091c (81123124)
365218.56 3766382.50 0.53707c (81010624) 365243.56 3766382.50 0.34300c (81121424)
364743.56 3766407.50 0.25894c (81123124) 365218.56 3766407.50 0.53533 (81032624)
365243.56 3766407.50 0.36552 (81032624) 364743.56 3766432.50 0.20920c (81123124)
365218.56 3766432.50 0.49037c (81051424) 365243.56 3766432.50 0.33677 (81032624)
364743.56 3766457.50 0.17186c (81123124) 365218.56 3766457.50 0.48136c (81051424)
365243.56 3766457.50 0.34510c (81051424) 364743.56 3766482.50 0.14219c (81123124)
364768.56 3766482.50 0.15553c (81123124) 364793.56 3766482.50 0.17252c (81123124)
364818.56 3766482.50 0.18137c (81123124) 364843.56 3766482.50 0.18603c (81123124)
364868.56 3766482.50 0.20165c (81021424) 364893.56 3766482.50 0.22455c (81021424)
364918.56 3766482.50 0.24171c (81021424) 364943.56 3766482.50 0.25571c (81021424)
364968.56 3766482.50 0.26830c (81021424) 364993.56 3766482.50 0.28044c (81021424)
365018.56 3766482.50 0.29232c (81021424) 365043.56 3766482.50 0.30371c (81021424)
365068.56 3766482.50 0.31883c (81082524) 365093.56 3766482.50 0.34524c (81082524)
365118.56 3766482.50 0.36516c (81082524) 365143.56 3766482.50 0.37347c (81050224)
365168.56 3766482.50 0.41593c (81050224) 365193.56 3766482.50 0.45478c (81050224)
365218.56 3766482.50 0.37525c (81050224) 365243.56 3766482.50 0.32048c (81101124)
364718.56 3766207.50 0.12572c (81011224) 364768.56 3766207.50 0.14637c (81011224)
364818.56 3766207.50 0.14330 (81122224) 364868.56 3766207.50 0.24436 (81122224)
364918.56 3766207.50 0.22935 (81122224) 364968.56 3766207.50 0.21099 (81122224)
365018.56 3766207.50 0.19527 (81122224) 365068.56 3766207.50 0.18202 (81122224)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 26
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0009033, L0009034, L0009035, L0009036, L0009037, L0009038,
L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050,
L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
365118.56 3766207.50 0.17054 (81122224) 365168.56 3766207.50 0.15975c (81103024)
365218.56 3766207.50 0.15182c (81103024) 365268.56 3766207.50 0.11876c (81103024)
364718.56 3766257.50 0.16452c (81030624) 365268.56 3766257.50 0.13427c (81110224)
364718.56 3766307.50 0.26734c (81112724) 365268.56 3766307.50 0.19359c (81110224)
364718.56 3766357.50 0.34417c (81030124) 365268.56 3766357.50 0.22263c (81110224)
364718.56 3766407.50 0.21473c (81123124) 365268.56 3766407.50 0.26248 (81032624)
364718.56 3766457.50 0.16146c (81123124) 365268.56 3766457.50 0.25079c (81051424)
364718.56 3766507.50 0.11319c (81123124) 364768.56 3766507.50 0.12681c (81123124)
364818.56 3766507.50 0.14373c (81123124) 364868.56 3766507.50 0.16432c (81021424)
364918.56 3766507.50 0.19893c (81021424) 364968.56 3766507.50 0.21742c (81021424)
365018.56 3766507.50 0.22856c (81021424) 365068.56 3766507.50 0.23906c (81082524)
365118.56 3766507.50 0.24575c (81050224) 365168.56 3766507.50 0.28930c (81050224)
365218.56 3766507.50 0.30428c (81050224) 365268.56 3766507.50 0.24453c (81101124)
Page 17

364668.56 3766157.50 0.08037c (81011224) PM25Grad.POU.txt 364743.56 3766157.50 0.09265c (81011224)
364818.56 3766157.50 0.08295c (81011224) 364893.56 3766157.50 0.16230 (81122224)
364968.56 3766157.50 0.15810 (81122224) 365043.56 3766157.50 0.14613 (81122224)
365118.56 3766157.50 0.13571 (81122224) 365193.56 3766157.50 0.12019c (81103024)
365268.56 3766157.50 0.10274c (81103024) 365343.56 3766157.50 0.07392c (81011224)
364668.56 3766232.50 0.10006c (81030624) 365268.56 3766232.50 0.12665c (81103024)
365343.56 3766232.50 0.09217c (81110224) 364668.56 3766307.50 0.17253c (81112724)
365268.56 3766307.50 0.19359c (81110224) 365343.56 3766307.50 0.11822c (81110224)
364668.56 3766382.50 0.20293c (81030124) 365268.56 3766382.50 0.26384c (81121424)
365343.56 3766382.50 0.16398 (81032624) 364668.56 3766457.50 0.12843c (81123124)
365268.56 3766457.50 0.25079c (81051424) 365343.56 3766457.50 0.14573c (81032224)
364668.56 3766532.50 0.08846c (81123124) 364743.56 3766532.50 0.09596c (81123124)
364818.56 3766532.50 0.11419c (81123124) 364893.56 3766532.50 0.15274c (81021424)
364968.56 3766532.50 0.17927c (81021424) 365043.56 3766532.50 0.18376c (81021424)
365118.56 3766532.50 0.19100c (81050224) 365193.56 3766532.50 0.23610c (81050224)
365268.56 3766532.50 0.20054c (81101124) 365343.56 3766532.50 0.15349c (81101124)
364568.56 3766057.50 0.04571c (81011224) 364668.56 3766057.50 0.05515c (81011224)
364768.56 3766057.50 0.04343c (81011224) 364868.56 3766057.50 0.05710 (81122224)
364968.56 3766057.50 0.10270 (81122224) 365068.56 3766057.50 0.10143 (81122224)
365168.56 3766057.50 0.09205 (81122224) 365268.56 3766057.50 0.07663c (81103024)
365368.56 3766057.50 0.05529c (81011224) 364568.56 3766157.50 0.05498c (81030624)
365368.56 3766157.50 0.06636c (81011224) 364568.56 3766257.50 0.08006c (81030224)
365368.56 3766257.50 0.09531c (81110224) 364568.56 3766357.50 0.13906c (81030124)
365368.56 3766357.50 0.12563 (81032624) 364568.56 3766457.50 0.08629c (81123124)
365368.56 3766457.50 0.12609c (81032224) 364568.56 3766557.50 0.05981c (81123124)
365368.56 3766557.50 0.13403c (81101124) 364568.56 3766657.50 0.04038c (81102124)
364668.56 3766657.50 0.04676c (81102124) 364768.56 3766657.50 0.05280c (81021424)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 27
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0009033, L0009034, L0009035, L0009036, L0009037, L0009038,
L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050,
L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
364868.56 3766657.50 0.06096c (81021424) 364968.56 3766657.50 0.08269c (81021424)
365068.56 3766657.50 0.08799c (81021424) 365168.56 3766657.50 0.09009c (81050224)
365268.56 3766657.50 0.10553c (81050224) 365368.56 3766657.50 0.08495c (81102724)
364268.56 3765757.50 0.01946c (81011224) 364393.56 3765757.50 0.02332c (81011224)
364518.56 3765757.50 0.01678c (81011224) 364643.56 3765757.50 0.01078 (81020824)
364768.56 3765757.50 0.02168 (81020824) 364893.56 3765757.50 0.02134 (81020824)
365018.56 3765757.50 0.03776 (81122224) 365143.56 3765757.50 0.05018 (81122224)
365268.56 3765757.50 0.04397 (81122224) 365393.56 3765757.50 0.03730c (81103024)
365518.56 3765757.50 0.02811c (81103024) 365643.56 3765757.50 0.02326c (81011224)
365768.56 3765757.50 0.01840c (81011224) 364268.56 3765882.50 0.02065c (81030624)
364393.56 3765882.50 0.02577c (81011224) 364518.56 3765882.50 0.03133c (81011224)
364643.56 3765882.50 0.02105c (81011224) 364768.56 3765882.50 0.02696 (81020824)
364893.56 3765882.50 0.02903 (81020824) 365018.56 3765882.50 0.05794 (81122224)
365143.56 3765882.50 0.06524 (81122224) 365268.56 3765882.50 0.05229c (81103024)
365393.56 3765882.50 0.04155c (81103024) 365518.56 3765882.50 0.03198c (81011224)
365643.56 3765882.50 0.02416c (81011224) 365768.56 3765882.50 0.02020c (81101824)
364268.56 3766007.50 0.01855c (81030624) 364393.56 3766007.50 0.03021c (81030624)
364518.56 3766007.50 0.03752c (81011224) 364643.56 3766007.50 0.04475c (81011224)
364768.56 3766007.50 0.03489 (81020824) 364893.56 3766007.50 0.05284 (81122224)
365018.56 3766007.50 0.08869 (81122224) 365143.56 3766007.50 0.08465 (81122224)
365268.56 3766007.50 0.06793c (81103024) 365393.56 3766007.50 0.04740c (81011224)
365518.56 3766007.50 0.03485c (81011224) 365643.56 3766007.50 0.02739c (81110224)
365768.56 3766007.50 0.02287c (81030824) 364268.56 3766132.50 0.02265c (81030224)
364393.56 3766132.50 0.02772c (81101224) 364518.56 3766132.50 0.04342c (81030624)
365518.56 3766132.50 0.04235c (81110224) 365643.56 3766132.50 0.03340c (81030824)
365768.56 3766132.50 0.02437c (81030824) 364268.56 3766257.50 0.02961c (81112724)
364393.56 3766257.50 0.04235c (81030224) 364518.56 3766257.50 0.06703c (81030224)
365518.56 3766257.50 0.05078c (81071824) 365643.56 3766257.50 0.04171c (81071824)
365768.56 3766257.50 0.03447c (81071824) 364268.56 3766382.50 0.05280c (81030124)
364393.56 3766382.50 0.07531c (81030124) 364518.56 3766382.50 0.11390c (81030124)
365518.56 3766382.50 0.08120 (81032624) 365643.56 3766382.50 0.05677 (81032624)
365768.56 3766382.50 0.04244 (81032624) 364268.56 3766507.50 0.03906c (81030124)
364393.56 3766507.50 0.05071c (81123124) 364518.56 3766507.50 0.06504c (81123124)
365518.56 3766507.50 0.06660c (81032224) 365643.56 3766507.50 0.04444c (81012624)
365768.56 3766507.50 0.03377c (81121024) 364268.56 3766632.50 0.02902c (81123124)
364393.56 3766632.50 0.03132c (81123124) 364518.56 3766632.50 0.03870c (81030424)
365518.56 3766632.50 0.06977c (81101124) 365643.56 3766632.50 0.04034c (81051424)
365768.56 3766632.50 0.02909c (81032224) 364268.56 3766757.50 0.02023c (81012724)
364393.56 3766757.50 0.02342c (81102124) 364518.56 3766757.50 0.02853c (81102124)
364643.56 3766757.50 0.03046c (81102124) 364768.56 3766757.50 0.03655c (81021424)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 28
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , L0009033, L0009034, L0009035, L0009036, L0009037, L0009038,
L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050,
L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
364893.56 3766757.50 0.04189c (81021424) 365018.56 3766757.50 0.05738c (81021424)
365143.56 3766757.50 0.04937c (81021424) 365268.56 3766757.50 0.06694c (81050224)
365393.56 3766757.50 0.06447c (81050224) 365518.56 3766757.50 0.05598c (81102724)
365643.56 3766757.50 0.04894c (81101124) 365768.56 3766757.50 0.03366c (81101124)
364268.56 3766882.50 0.01669c (81081124) 364393.56 3766882.50 0.01811c (81102124)
364518.56 3766882.50 0.02057c (81082524) 364643.56 3766882.50 0.02440c (81082524)
364768.56 3766882.50 0.02633c (81021424) 364893.56 3766882.50 0.02848c (81021424)
365018.56 3766882.50 0.03568c (81021424) 365143.56 3766882.50 0.03334c (81021424)
365268.56 3766882.50 0.03810c (81050224) 365393.56 3766882.50 0.04675c (81050224)
365518.56 3766882.50 0.03927c (81050224) 365643.56 3766882.50 0.03610c (81102724)
365768.56 3766882.50 0.03415c (81102724) 364268.56 3767007.50 0.01297c (81060524)
364393.56 3767007.50 0.01427c (81102124) 364518.56 3767007.50 0.01943c (81082524)
364643.56 3767007.50 0.01808c (81082524) 364768.56 3767007.50 0.02083c (81021424)
364893.56 3767007.50 0.02115c (81021424) 365018.56 3767007.50 0.02335c (81021424)
365143.56 3767007.50 0.02325c (81091824) 365268.56 3767007.50 0.02361c (81021424)
365393.56 3767007.50 0.03063c (81050224) 365518.56 3767007.50 0.03414c (81050224)
365643.56 3767007.50 0.02698c (81032924) 365768.56 3767007.50 0.02494c (81102724)
364787.78 3766259.50 0.40843c (81011224) 365206.84 3766357.75 0.66963c (81110224)
365180.28 3766456.25 0.94404c (81081024) 364769.34 3766358.25 0.73306c (81041924)
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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0009033, L0009034, L0009035, L0009036, L0009037, L0009038,
L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050,
L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365195.56	3766329.25	0.36528c	(81011124)	365046.69	3766293.00	0.37016c	(81121124)
364925.03	3766265.00	0.34987c	(81122324)	364810.06	3766234.50	0.18732c	(81020824)
365230.94	3766352.75	0.31485c	(81103124)	365358.03	3766388.00	0.11595c	(81031324)
365384.34	3766356.75	0.09167c	(81121424)	365410.66	3766309.75	0.06483c	(81121424)
365214.22	3766258.25	0.15559	(81122224)	365061.88	3766221.00	0.15700c	(81121124)
364950.50	3766192.75	0.13721c	(81011124)	364851.97	3766170.25	0.08454c	(81112924)
364936.41	3766071.00	0.05096	(81020824)	365000.66	3766093.75	0.06477c	(81121124)
365093.69	3766117.00	0.08051c	(81011124)	365250.94	3766158.50	0.07774c	(81101324)
365455.34	3766211.75	0.04184c	(81101424)	364768.56	3766257.50	0.20687c	(81122024)
364788.56	3766257.50	0.28376c	(81112824)	364808.56	3766257.50	0.35765c	(81103124)
364828.56	3766257.50	0.41111c	(81122324)	364848.56	3766257.50	0.40031c	(81122324)
364868.56	3766257.50	0.37833c	(81122324)	364888.56	3766257.50	0.35332c	(81122324)
364908.56	3766257.50	0.32749c	(81122324)	364928.56	3766257.50	0.30271c	(81122324)
364948.56	3766257.50	0.28238c	(81121124)	364968.56	3766257.50	0.26822c	(81121124)
364988.56	3766257.50	0.25562c	(81121124)	365008.56	3766257.50	0.24441c	(81121124)
365028.56	3766257.50	0.23428c	(81121124)	365048.56	3766257.50	0.22539c	(81121124)
365068.56	3766257.50	0.21708c	(81121124)	365088.56	3766257.50	0.20960c	(81121124)
365108.56	3766257.50	0.20133c	(81011124)	365128.56	3766257.50	0.19064c	(81102924)
365148.56	3766257.50	0.18430c	(81102924)	365168.56	3766257.50	0.17777c	(81102924)
365188.56	3766257.50	0.16694c	(81011224)	365208.56	3766257.50	0.15780c	(81013124)
364768.56	3766277.50	0.30344c	(81011224)	364868.56	3766277.50	0.61333c	(81013124)
364888.56	3766277.50	0.57688c	(81013124)	364908.56	3766277.50	0.51315c	(81013124)
364928.56	3766277.50	0.45712c	(81013124)	364948.56	3766277.50	0.41094c	(81013124)
364968.56	3766277.50	0.37565c	(81121124)	364988.56	3766277.50	0.34844c	(81121124)
365008.56	3766277.50	0.32529c	(81121124)	365028.56	3766277.50	0.30579c	(81121124)
365048.56	3766277.50	0.28885c	(81121124)	365068.56	3766277.50	0.27404c	(81121124)
365088.56	3766277.50	0.26101c	(81121124)	365108.56	3766277.50	0.24676c	(81011124)
365128.56	3766277.50	0.23286c	(81011224)	365148.56	3766277.50	0.22138c	(81011124)
365168.56	3766277.50	0.21184c	(81011124)	365188.56	3766277.50	0.19592c	(81121124)
365208.56	3766277.50	0.18434c	(81110224)	364768.56	3766297.50	0.37500	(81030524)
364968.56	3766297.50	0.62065	(81122224)	364988.56	3766297.50	0.55706c	(81013124)
365008.56	3766297.50	0.48938c	(81013124)	365028.56	3766297.50	0.43923c	(81102924)
365048.56	3766297.50	0.40023c	(81102924)	365068.56	3766297.50	0.36878c	(81121124)
365088.56	3766297.50	0.34304c	(81121124)	365108.56	3766297.50	0.32124c	(81121124)
365128.56	3766297.50	0.29999c	(81102924)	365148.56	3766297.50	0.27511c	(81011124)
365168.56	3766297.50	0.25889c	(81011124)	365188.56	3766297.50	0.24077c	(81121124)
365208.56	3766297.50	0.21895c	(81102924)	364768.56	3766317.50	0.42814c	(81101224)
365048.56	3766317.50	0.65210c	(81013124)	365068.56	3766317.50	0.57906c	(81102924)
365088.56	3766317.50	0.51692c	(81102924)	365108.56	3766317.50	0.46482c	(81102924)
365128.56	3766317.50	0.41872c	(81011124)	365148.56	3766317.50	0.38225c	(81121124)

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0009033, L0009034, L0009035, L0009036, L0009037, L0009038,
L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050,
L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365168.56	3766317.50	0.33846c	(81011124)	365188.56	3766317.50	0.31382c	(81011124)
365208.56	3766317.50	0.27187c	(81102924)	364768.56	3766337.50	0.50882c	(81123124)
365128.56	3766337.50	0.66592c	(81102924)	365148.56	3766337.50	0.60548c	(81102924)
365168.56	3766337.50	0.52125c	(81110224)	365188.56	3766337.50	0.44791c	(81121124)
365208.56	3766337.50	0.36837c	(81101824)	364768.56	3766357.50	0.57135c	(81092924)
365208.56	3766357.50	0.57035c	(81103024)	364768.56	3766377.50	0.34592c	(81030124)
364788.56	3766377.50	0.42221c	(81112424)	364808.56	3766377.50	0.54982c	(81030324)
364828.56	3766377.50	0.66042	(81041524)	364848.56	3766377.50	0.79112c	(81123024)
365208.56	3766377.50	0.65052c	(81052224)	364768.56	3766397.50	0.22685c	(81030124)
364788.56	3766397.50	0.27214c	(81012724)	364808.56	3766397.50	0.33179c	(81040624)
364828.56	3766397.50	0.39331c	(81030324)	364848.56	3766397.50	0.45027	(81041524)
364868.56	3766397.50	0.51689	(81041524)	364888.56	3766397.50	0.60850c	(81082524)
364908.56	3766397.50	0.71213c	(81030324)	364928.56	3766397.50	0.83892c	(81092924)
365208.56	3766397.50	0.63495c	(81052224)	364768.56	3766417.50	0.17988c	(81102124)
364788.56	3766417.50	0.20296c	(81012724)	364808.56	3766417.50	0.24256c	(81040624)
364828.56	3766417.50	0.27918c	(81040624)	364848.56	3766417.50	0.31002	(81041524)
364868.56	3766417.50	0.34461c	(81030324)	364888.56	3766417.50	0.38302	(81041524)
364908.56	3766417.50	0.42057c	(81082524)	364928.56	3766417.50	0.46701	(81041524)
364948.56	3766417.50	0.52022	(81041524)	364968.56	3766417.50	0.59088c	(81011324)
364988.56	3766417.50	0.69734c	(81030324)	365008.56	3766417.50	0.84148c	(81050224)
365208.56	3766417.50	0.57875c	(81010624)	364768.56	3766437.50	0.15104c	(81102124)
364788.56	3766437.50	0.16209c	(81102124)	364808.56	3766437.50	0.19138c	(81040624)
364828.56	3766437.50	0.21752c	(81040624)	364848.56	3766437.50	0.23612c	(81030424)
364868.56	3766437.50	0.25782c	(81092924)	364888.56	3766437.50	0.27717c	(81092924)
364908.56	3766437.50	0.29864c	(81040624)	364928.56	3766437.50	0.32750c	(81082524)
364948.56	3766437.50	0.35716c	(81041924)	364968.56	3766437.50	0.38493c	(81041924)
364988.56	3766437.50	0.41710c	(81041924)	365008.56	3766437.50	0.45884	(81041524)
365028.56	3766437.50	0.50780c	(81032924)	365048.56	3766437.50	0.58142c	(81081024)
365068.56	3766437.50	0.66796c	(81011324)	365088.56	3766437.50	0.79554c	(81051924)
365188.56	3766437.50	0.85742c	(81081424)	365208.56	3766437.50	0.53269c	(81091524)
364768.56	3766457.50	0.12654c	(81021424)	364788.56	3766457.50	0.13858c	(81102124)
364808.56	3766457.50	0.15779c	(81040624)	364828.56	3766457.50	0.17666c	(81092924)
364848.56	3766457.50	0.18809	(81041524)	364868.56	3766457.50	0.19988c	(81092924)
364888.56	3766457.50	0.21381c	(81102124)	364908.56	3766457.50	0.22918c	(81030324)
364928.56	3766457.50	0.24735c	(81030324)	364948.56	3766457.50	0.26560c	(81102124)
364968.56	3766457.50	0.28363c	(81102124)	364988.56	3766457.50	0.30207c	(81102124)
365008.56	3766457.50	0.32396c	(81032924)	365028.56	3766457.50	0.34814	(81041524)
365048.56	3766457.50	0.37193c	(81030324)	365068.56	3766457.50	0.39969c	(81082724)
365088.56	3766457.50	0.44715c	(81032924)	365108.56	3766457.50	0.49107c	(81032924)
365128.56	3766457.50	0.54506c	(81051924)	365148.56	3766457.50	0.60851c	(81032924)

PM25Grad.POU.txt
INCLUDING SOURCE(S): AREA1, L0009033, L0009034, L0009035, L0009036, L0009037, L0009038,
L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050,
L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365168.56	3766457.50	0.71331c	(81051424)	365188.56	3766457.50	0.69767c	(81101124)
365208.56	3766457.50	0.47484c	(81082624)	364743.56	3766232.50	0.12206	(81040324)
364768.56	3766232.50	0.12937c	(81112924)	364793.56	3766232.50	0.14241c	(81112924)
364818.56	3766232.50	0.18146c	(81103124)	364843.56	3766232.50	0.21104c	(81122324)
364868.56	3766232.50	0.22752c	(81122324)	364893.56	3766232.50	0.22802c	(81122324)
364918.56	3766232.50	0.21957c	(81122324)	364943.56	3766232.50	0.20671c	(81122324)
364968.56	3766232.50	0.19680c	(81121124)	364993.56	3766232.50	0.18971c	(81121124)
365018.56	3766232.50	0.18292c	(81121124)	365043.56	3766232.50	0.17677c	(81121124)
365068.56	3766232.50	0.17111c	(81121124)	365093.56	3766232.50	0.16585c	(81121124)
365118.56	3766232.50	0.15957c	(81011224)	365143.56	3766232.50	0.15258c	(81011224)
365168.56	3766232.50	0.14667c	(81011224)	365193.56	3766232.50	0.13944c	(81102924)
365218.56	3766232.50	0.12926c	(81013124)	365243.56	3766232.50	0.11758c	(81110224)
364743.56	3766257.50	0.15364	(81040324)	365218.56	3766257.50	0.14965c	(81110224)
365243.56	3766257.50	0.13884c	(81013124)	364743.56	3766282.50	0.22752c	(81030224)
365218.56	3766282.50	0.18561c	(81011224)	365243.56	3766282.50	0.15884c	(81011124)
364743.56	3766307.50	0.26732c	(81041924)	365218.56	3766307.50	0.23068c	(81011224)
365243.56	3766307.50	0.18708c	(81013124)	364743.56	3766332.50	0.30260c	(81061224)
365218.56	3766332.50	0.30629c	(81013124)	365243.56	3766332.50	0.21494c	(81101324)
364743.56	3766357.50	0.31913c	(81061224)	365218.56	3766357.50	0.42410c	(81106224)
365243.56	3766357.50	0.27396c	(81071824)	364743.56	3766382.50	0.26170c	(81030424)
365218.56	3766382.50	0.50510c	(81031324)	365243.56	3766382.50	0.30620c	(81030724)
364743.56	3766407.50	0.17877c	(81030124)	365218.56	3766407.50	0.49338c	(81010624)
365243.56	3766407.50	0.32367c	(81031324)	364743.56	3766432.50	0.14543c	(81102124)
365218.56	3766432.50	0.45151c	(81091524)	365243.56	3766432.50	0.31690c	(81121024)
364743.56	3766457.50	0.11837c	(81012724)	365218.56	3766457.50	0.41214c	(81082624)
365243.56	3766457.50	0.30276c	(81081424)	364743.56	3766482.50	0.09557c	(81012724)
364768.56	3766482.50	0.11060c	(81021424)	364793.56	3766482.50	0.11948c	(81102124)
364818.56	3766482.50	0.13546c	(81040624)	364843.56	3766482.50	0.14588c	(81030324)
364868.56	3766482.50	0.15731c	(81102124)	364893.56	3766482.50	0.16610c	(81030324)
364918.56	3766482.50	0.17834c	(81030324)	364943.56	3766482.50	0.19581c	(81082524)
364968.56	3766482.50	0.20781c	(81030324)	364993.56	3766482.50	0.22272c	(81030324)
365018.56	3766482.50	0.23583c	(81123124)	365043.56	3766482.50	0.24918c	(81030324)
365068.56	3766482.50	0.26792c	(81082724)	365093.56	3766482.50	0.28848c	(81081024)
365118.56	3766482.50	0.32124c	(81081024)	365143.56	3766482.50	0.33880c	(81051924)
365168.56	3766482.50	0.34323c	(81091524)	365193.56	3766482.50	0.36497c	(81080824)
365218.56	3766482.50	0.34913c	(81102724)	365243.56	3766482.50	0.28037c	(81082624)
364718.56	3766207.50	0.08311c	(81101224)	364768.56	3766207.50	0.08581c	(81112924)
364818.56	3766207.50	0.12432	(81040324)	364868.56	3766207.50	0.14225c	(81122324)
364918.56	3766207.50	0.16120c	(81011124)	364968.56	3766207.50	0.15591c	(81102924)
365018.56	3766207.50	0.14886c	(81121124)	365068.56	3766207.50	0.14133c	(81121124)

1 *** ISC3P - VERSION 04269 ***

*** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0009033, L0009034, L0009035, L0009036, L0009037, L0009038,
L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050,
L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365118.56	3766207.50	0.13386c	(81011224)	365168.56	3766207.50	0.12483c	(81121124)
365218.56	3766207.50	0.10997c	(81013124)	365268.56	3766207.50	0.09479c	(81110224)
364718.56	3766257.50	0.12434c	(81112924)	365268.56	3766257.50	0.12012c	(81013124)
364718.56	3766307.50	0.19102c	(81101224)	365268.56	3766307.50	0.14297c	(81013124)
364718.56	3766357.50	0.22323c	(81123124)	365268.56	3766357.50	0.20297c	(81112224)
364718.56	3766407.50	0.16246c	(81112724)	365268.56	3766407.50	0.23866c	(81012624)
364718.56	3766457.50	0.10581c	(81092924)	365268.56	3766457.50	0.22968c	(81032224)
364718.56	3766507.50	0.07625c	(81041924)	364768.56	3766507.50	0.09428c	(81092924)
364818.56	3766507.50	0.11105c	(81102124)	364868.56	3766507.50	0.12877c	(81030324)
364918.56	3766507.50	0.14118c	(81030324)	364968.56	3766507.50	0.15866c	(81030324)
365018.56	3766507.50	0.17203c	(81011724)	365068.56	3766507.50	0.19542c	(81082724)
365118.56	3766507.50	0.22292c	(81081024)	365168.56	3766507.50	0.22773c	(81102724)
365218.56	3766507.50	0.25013c	(81101124)	365268.56	3766507.50	0.20150c	(81082624)
364668.56	3766157.50	0.04684c	(81101224)	364743.56	3766157.50	0.04730c	(81112824)
364818.56	3766157.50	0.06196c	(81122324)	364893.56	3766157.50	0.08621c	(81101524)
364968.56	3766157.50	0.10104c	(81121124)	365043.56	3766157.50	0.10159c	(81011124)
365118.56	3766157.50	0.10059c	(81011124)	365193.56	3766157.50	0.09280c	(81102924)
365268.56	3766157.50	0.07343c	(81100524)	365343.56	3766157.50	0.06182c	(81110224)
364668.56	3766232.50	0.07243c	(81042824)	365268.56	3766232.50	0.10671c	(81013124)
365343.56	3766232.50	0.07031c	(81101324)	364668.56	3766307.50	0.12285	(81030524)
365268.56	3766307.50	0.14297c	(81013124)	365343.56	3766307.50	0.08796c	(81120124)
364668.56	3766382.50	0.12708c	(81061224)	365268.56	3766382.50	0.22989c	(81112524)
365343.56	3766382.50	0.12467c	(81031324)	364668.56	3766457.50	0.08378c	(81112724)
365268.56	3766457.50	0.22968c	(81032224)	365343.56	3766457.50	0.12494c	(81030724)
364668.56	3766532.50	0.05755c	(81092924)	364743.56	3766532.50	0.07091c	(81011324)
364818.56	3766532.50	0.09089	(81041524)	364893.56	3766532.50	0.11232c	(81123124)
364968.56	3766532.50	0.12482c	(81030324)	365043.56	3766532.50	0.13894c	(81091824)
365118.56	3766532.50	0.16686c	(81081024)	365193.56	3766532.50	0.17897c	(81081424)
365268.56	3766532.50	0.17911c	(81082724)	365343.56	3766532.50	0.12375c	(81091524)
364568.56	3766057.50	0.02138c	(81101224)	364668.56	3766057.50	0.02256c	(81122324)
364768.56	3766057.50	0.02416c	(81031024)	364868.56	3766057.50	0.03967c	(81101524)
364968.56	3766057.50	0.04853c	(81121124)	365068.56	3766057.50	0.06073c	(81101524)
365168.56	3766057.50	0.06251c	(81011124)	365268.56	3766057.50	0.05221c	(81013124)
365368.56	3766057.50	0.04493c	(81101824)	364568.56	3766157.50	0.03486c	(81012024)
365368.56	3766157.50	0.05486c	(81110124)	364568.56	3766257.50	0.05773	(81032724)
365368.56	3766257.50	0.06454c	(81120124)	364568.56	3766357.50	0.07217c	(81100124)
365368.56	3766357.50	0.09994c	(81110724)	364568.56	3766457.50	0.05877c	(81122824)
365368.56	3766457.50	0.11049c	(81070124)	364568.56	3766557.50	0.04063c	(81022324)
365368.56	3766557.50	0.10350c	(81051424)	364568.56	3766657.50	0.03130c	(81040624)
364668.56	3766657.50	0.03501c	(81060524)	364768.56	3766657.50	0.04181	(81041524)

1 *** ISC3P - VERSION 04269 ***

*** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0009033, L0009034, L0009035, L0009036, L0009037, L0009038,
L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050,
L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***


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                                PM25Grad.POU.txt
** CONC OF PM2.5      IN MICROGRAMS/M**3      **

X-COORD (M)  Y-COORD (M)  CONC      (YYMMDDHH)  X-COORD (M)  Y-COORD (M)  CONC      (YYMMDDHH)
-----
364868.56  3766657.50  0.04985c  (81123124)  364968.56  3766657.50  0.05241c  (81040624)
365068.56  3766657.50  0.05938c  (81020324)  365168.56  3766657.50  0.06733c  (81041124)
365268.56  3766657.50  0.07518c  (81082524)  365368.56  3766657.50  0.06912c  (81100224)
364268.56  3765757.50  0.00721c  (81110124)  364393.56  3765757.50  0.00808c  (81010824)
364518.56  3765757.50  0.00777c  (81102824)  364643.56  3765757.50  0.00704c  (81020624)
364768.56  3765757.50  0.00857c  (81022024)  364893.56  3765757.50  0.01516c  (81103124)
365018.56  3765757.50  0.02068c  (81102924)  365143.56  3765757.50  0.02221c  (81101524)
365268.56  3765757.50  0.02022c  (81101624)  365393.56  3765757.50  0.02219c  (81101624)
365518.56  3765757.50  0.01940c  (81010624)  365643.56  3765757.50  0.01810c  (81103024)
365768.56  3765757.50  0.01474c  (81101324)  364268.56  3765882.50  0.01111c  (81112924)
364393.56  3765882.50  0.01004c  (81020924)  364518.56  3765882.50  0.01177c  (81021024)
364643.56  3765882.50  0.00973c  (81102824)  364768.56  3765882.50  0.01133c  (81031524)
364893.56  3765882.50  0.02143c  (81101524)  365018.56  3765882.50  0.02732c  (81012424)
365143.56  3765882.50  0.02987c  (81121124)  365268.56  3765882.50  0.02856c  (81011224)
365393.56  3765882.50  0.02673c  (81103124)  365518.56  3765882.50  0.02432c  (81110124)
365643.56  3765882.50  0.02019c  (81042024)  365768.56  3765882.50  0.01593c  (81042024)
364268.56  3766007.50  0.01169c  (81012024)  364393.56  3766007.50  0.01578c  (81122024)
364518.56  3766007.50  0.01631c  (81070424)  364643.56  3766007.50  0.01748c  (81122324)
364768.56  3766007.50  0.01960c  (81022024)  364893.56  3766007.50  0.03465c  (81103124)
365018.56  3766007.50  0.04192c  (81121124)  365143.56  3766007.50  0.04804c  (81011124)
365268.56  3766007.50  0.04367c  (81103124)  365393.56  3766007.50  0.03799c  (81101824)
365518.56  3766007.50  0.02842c  (81013124)  365643.56  3766007.50  0.02205c  (81101324)
365768.56  3766007.50  0.01719c  (81080324)  364268.56  3766132.50  0.01782c  (81112524)
364393.56  3766132.50  0.01980c  (81030224)  364518.56  3766132.50  0.02750c  (81012024)
365518.56  3766132.50  0.03171c  (81080324)  365643.56  3766132.50  0.02242c  (81120124)
365768.56  3766132.50  0.01844c  (81110724)  364268.56  3766257.50  0.02459c  (81121724)
364393.56  3766257.50  0.03255c  (81042924)  364518.56  3766257.50  0.04779c  (81032724)
365518.56  3766257.50  0.03976c  (81030824)  365643.56  3766257.50  0.02772c  (81121424)
365768.56  3766257.50  0.02178c  (81110924)  364268.56  3766382.50  0.02448c  (81041924)
364393.56  3766382.50  0.03846c  (81041924)  364518.56  3766382.50  0.06049c  (81022824)
365518.56  3766382.50  0.05417c  (81121424)  365643.56  3766382.50  0.03695c  (81122524)
365768.56  3766382.50  0.02756c  (81112224)  364268.56  3766507.50  0.02417c  (81022424)
364393.56  3766507.50  0.03323c  (81012724)  364518.56  3766507.50  0.04221c  (81092924)
365518.56  3766507.50  0.05508c  (81121924)  365643.56  3766507.50  0.04082c  (81010624)
365768.56  3766507.50  0.03013c  (81010624)  364268.56  3766632.50  0.01882c  (81112724)
364393.56  3766632.50  0.02425c  (81022324)  364518.56  3766632.50  0.03098c  (81092924)
365518.56  3766632.50  0.05240c  (81051424)  365643.56  3766632.50  0.03577c  (81082624)
365768.56  3766632.50  0.02606c  (81051424)  364268.56  3766757.50  0.01675c  (81083124)
364393.56  3766757.50  0.01934c  (81012724)  364518.56  3766757.50  0.02329c  (81040624)
364643.56  3766757.50  0.02323c  (81041324)  364768.56  3766757.50  0.02979c  (81041524)
1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc      ***

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**MODELOPTS: CONC      URBAN  FLAT      DEFAULT

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1, L0009033, L0009034, L0009035, L0009036, L0009037, L0009038,
L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050,
L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5      IN MICROGRAMS/M**3      **

X-COORD (M)  Y-COORD (M)  CONC      (YYMMDDHH)  X-COORD (M)  Y-COORD (M)  CONC      (YYMMDDHH)
-----
364893.56  3766757.50  0.03263c  (81012524)  365018.56  3766757.50  0.03619c  (81012224)
365143.56  3766757.50  0.04176c  (81083024)  365268.56  3766757.50  0.04391c  (81081624)
365393.56  3766757.50  0.04864c  (81041424)  365518.56  3766757.50  0.04139c  (81073124)
365643.56  3766757.50  0.03444c  (81032624)  365768.56  3766757.50  0.02581c  (81082624)
364268.56  3766882.50  0.01321c  (81011324)  364393.56  3766882.50  0.01484c  (81011324)
364518.56  3766882.50  0.01490c  (81112424)  364643.56  3766882.50  0.01673c  (81021424)
364768.56  3766882.50  0.02035c  (81031524)  364893.56  3766882.50  0.02216c  (81121024)
365018.56  3766882.50  0.02506c  (81041524)  365143.56  3766882.50  0.02677c  (81110824)
365268.56  3766882.50  0.02753c  (81082524)  365393.56  3766882.50  0.03196c  (81082524)
365518.56  3766882.50  0.02997c  (81041424)  365643.56  3766882.50  0.02700c  (81073124)
365768.56  3766882.50  0.02458c  (81073124)  364268.56  3767007.50  0.01113c  (81112424)
364393.56  3767007.50  0.01093c  (81112424)  364518.56  3767007.50  0.01047c  (81011324)
364643.56  3767007.50  0.01226c  (81041524)  364768.56  3767007.50  0.01472c  (81112424)
364893.56  3767007.50  0.01728c  (81121724)  365018.56  3767007.50  0.01838c  (81102224)
365143.56  3767007.50  0.01979c  (81020324)  365268.56  3767007.50  0.01887c  (81101924)
365393.56  3767007.50  0.01987c  (81041124)  365518.56  3767007.50  0.02286c  (81081024)
365643.56  3767007.50  0.02039c  (81070624)  365768.56  3767007.50  0.01900c  (81073124)
364787.78  3766259.50  0.30097c  (81012024)  365206.84  3766357.75  0.61186c  (81010624)
365180.28  3766456.25  0.82515c  (81082724)  364769.34  3766358.25  0.60129c  (81092924)
1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc      ***

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**MODELOPTS: CONC      URBAN  FLAT      DEFAULT

*** THE SUMMARY OF MAXIMUM PERIOD ( 8760 HRS) RESULTS ***

** CONC OF PM2.5      IN MICROGRAMS/M**3      **

GROUP ID      AVERAGE CONC      RECEPTOR (XR, YR, ZELEV, ZFLAG)      OF TYPE      NETWORK GRID-ID
-----
ALL      1ST HIGHEST VALUE IS      0.56703 AT ( 364928.56, 3766397.50, 0.00, 0.00)      DC      NA
        2ND HIGHEST VALUE IS      0.55773 AT ( 365008.56, 3766417.50, 0.00, 0.00)      DC      NA
        3RD HIGHEST VALUE IS      0.52724 AT ( 364848.56, 3766377.50, 0.00, 0.00)      DC      NA
        4TH HIGHEST VALUE IS      0.52521 AT ( 365188.56, 3766437.50, 0.00, 0.00)      DC      NA
        5TH HIGHEST VALUE IS      0.52252 AT ( 365088.56, 3766437.50, 0.00, 0.00)      DC      NA
        6TH HIGHEST VALUE IS      0.44943 AT ( 365180.28, 3766456.25, 0.00, 0.00)      DC      NA

*** RECEPTOR TYPES: GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
                      BD = BOUNDARY
1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc      ***

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**MODELOPTS: CONC      URBAN  FLAT      DEFAULT

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM2.5      IN MICROGRAMS/M**3      **

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

```

ALL HIGH 1ST HIGH VALUE IS 0.99107c ON 81041924: AT (364848.56, 3766377.50, 0.00, 0.00) DC NA
HIGH 6TH HIGH VALUE IS 0.85742c ON 81081424: AT (365188.56, 3766437.50, 0.00, 0.00) DC NA

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

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

**MODELOPTS: CONC URBAN FLAT DFAULT

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*** Message Summary : ISC3P Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 1 Warning Message(s)
A Total of 1673 Informational Message(s)
A Total of 1673 Calm Hours Identified

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

***** WARNING MESSAGES *****
SO W320 162 APARM :Source Parameter May Be Out-of-Range for Parameter ANGLE

*** ISC3P Finishes Successfully ***

Maintenance Facility

Highest Remaining Construction

CO

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**
*****
**
** ISC-PRIME Input Produced by:
** AERMOD View Ver. 6.0.0
** Lakes Environmental Software Inc.
** Date: 8/31/2009
** File: C:\AERMOD Projects\EXPO\Expo LST\ISC3 runs\Highest\CO\cohig.PIN
**
*****
**
**
*****
** ISC-PRIME Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc
  MODELOPT DFAULT CONC URBAN
  AVERTIME 1 8 ANNUAL
  POLLUTID CO
  TERRHGTs FLAT
  RUNORNOT RUN
CO FINISHED
**
*****
** ISC-PRIME Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE1
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.89E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364785.07, 3766272.26, 0.00, 5.00, 0.0
** 365204.52, 3766371.86, 0.00, 5.00, 17.38
** -----
** LOCATION L0009093 VOLUME 364794.793 3766274.558
** LOCATION L0009094 VOLUME 364831.157 3766283.184
** LOCATION L0009095 VOLUME 364867.521 3766291.810
** LOCATION L0009096 VOLUME 364903.886 3766300.435
** LOCATION L0009097 VOLUME 364940.250 3766309.061
** LOCATION L0009098 VOLUME 364976.615 3766317.687
** LOCATION L0009099 VOLUME 365012.979 3766326.313
** LOCATION L0009100 VOLUME 365049.344 3766334.939
** LOCATION L0009101 VOLUME 365085.708 3766343.565
** LOCATION L0009102 VOLUME 365122.072 3766352.190
** LOCATION L0009103 VOLUME 365158.437 3766360.816
** LOCATION L0009104 VOLUME 365194.801 3766369.442
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE2
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.89E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364781.36, 3766292.87, 0.00, 5.00, 0.0
** 365201.75, 3766392.48, 0.00, 5.00, 17.42
** -----
** LOCATION L0009105 VOLUME 364791.105 3766295.059
** LOCATION L0009106 VOLUME 364827.552 3766303.707
** LOCATION L0009107 VOLUME 364863.999 3766312.356
** LOCATION L0009108 VOLUME 364900.445 3766321.004
** LOCATION L0009109 VOLUME 364936.892 3766329.652
** LOCATION L0009110 VOLUME 364973.339 3766338.301
** LOCATION L0009111 VOLUME 365009.786 3766346.949
** LOCATION L0009112 VOLUME 365046.233 3766355.598
** LOCATION L0009113 VOLUME 365082.680 3766364.246
** LOCATION L0009114 VOLUME 365119.126 3766372.894
** LOCATION L0009115 VOLUME 365155.573 3766381.543
** LOCATION L0009116 VOLUME 365192.020 3766390.191
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE3
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.89E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364778.52, 3766312.48, 0.00, 5.00, 0.0
** 365197.51, 3766411.14, 0.00, 5.00, 17.36
** -----
** LOCATION L0009117 VOLUME 364788.265 3766314.794
** LOCATION L0009118 VOLUME 364824.583 3766323.354
** LOCATION L0009119 VOLUME 364860.901 3766331.914
** LOCATION L0009120 VOLUME 364897.220 3766340.475
** LOCATION L0009121 VOLUME 364933.538 3766349.035
** LOCATION L0009122 VOLUME 364969.856 3766357.595
** LOCATION L0009123 VOLUME 365006.175 3766366.155
** LOCATION L0009124 VOLUME 365042.493 3766374.715
** LOCATION L0009125 VOLUME 365078.812 3766383.275
** LOCATION L0009126 VOLUME 365115.130 3766391.836
** LOCATION L0009127 VOLUME 365151.448 3766400.396
** LOCATION L0009128 VOLUME 365187.767 3766408.956
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE4
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.89E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2

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** 364774.31, 3766331.61, 0.00, 5.00, 0.0
** 365193.30, 3766430.75, 0.00, 5.00, 17.36
**
LOCATION L0009129 VOLUME 364784.043 3766333.805
LOCATION L0009130 VOLUME 364820.362 3766342.409
LOCATION L0009131 VOLUME 364856.681 3766351.012
LOCATION L0009132 VOLUME 364893.000 3766359.616
LOCATION L0009133 VOLUME 364929.319 3766368.220
LOCATION L0009134 VOLUME 364965.637 3766376.823
LOCATION L0009135 VOLUME 365001.956 3766385.427
LOCATION L0009136 VOLUME 365038.275 3766394.030
LOCATION L0009137 VOLUME 365074.594 3766402.634
LOCATION L0009138 VOLUME 365110.913 3766411.238
LOCATION L0009139 VOLUME 365147.232 3766419.841
LOCATION L0009140 VOLUME 365183.551 3766428.445
** End of Line Source
** Line Source represented by Separated Volume Sources
**
LINE Source ID = SLINES
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.89E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364771.54, 3766348.80, 0.00, 5.00, 0.0
** 365190.53, 3766448.40, 0.00, 5.00, 17.37
**

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LOCATION L0009141 VOLUME 364781.259 3766351.066
LOCATION L0009142 VOLUME 364817.582 3766359.713
LOCATION L0009143 VOLUME 364853.904 3766368.360
LOCATION L0009144 VOLUME 364890.226 3766377.007
LOCATION L0009145 VOLUME 364926.548 3766385.654
LOCATION L0009146 VOLUME 364962.870 3766394.301
LOCATION L0009147 VOLUME 364999.192 3766402.949
LOCATION L0009148 VOLUME 365035.514 3766411.596
LOCATION L0009149 VOLUME 365071.837 3766420.243
LOCATION L0009150 VOLUME 365108.159 3766428.890
LOCATION L0009151 VOLUME 365144.481 3766437.537
LOCATION L0009152 VOLUME 365180.803 3766446.184
** End of Line Source
** Source Parameters **
SRCPARAM L0009093 2.4083E-08 5.00 17.38 2.33
SRCPARAM L0009094 2.4083E-08 5.00 17.38 2.33
SRCPARAM L0009095 2.4083E-08 5.00 17.38 2.33
SRCPARAM L0009096 2.4083E-08 5.00 17.38 2.33
SRCPARAM L0009097 2.4083E-08 5.00 17.38 2.33
SRCPARAM L0009098 2.4083E-08 5.00 17.38 2.33
SRCPARAM L0009099 2.4083E-08 5.00 17.38 2.33
SRCPARAM L0009100 2.4083E-08 5.00 17.38 2.33
SRCPARAM L0009101 2.4083E-08 5.00 17.38 2.33
SRCPARAM L0009102 2.4083E-08 5.00 17.38 2.33
SRCPARAM L0009103 2.4083E-08 5.00 17.38 2.33
SRCPARAM L0009104 2.4083E-08 5.00 17.38 2.33
SRCPARAM L0009105 2.4083E-08 5.00 17.42 2.33
SRCPARAM L0009106 2.4083E-08 5.00 17.42 2.33
SRCPARAM L0009107 2.4083E-08 5.00 17.42 2.33
SRCPARAM L0009108 2.4083E-08 5.00 17.42 2.33
SRCPARAM L0009109 2.4083E-08 5.00 17.42 2.33
SRCPARAM L0009110 2.4083E-08 5.00 17.42 2.33
SRCPARAM L0009111 2.4083E-08 5.00 17.42 2.33
SRCPARAM L0009112 2.4083E-08 5.00 17.42 2.33
SRCPARAM L0009113 2.4083E-08 5.00 17.42 2.33
SRCPARAM L0009114 2.4083E-08 5.00 17.42 2.33
SRCPARAM L0009115 2.4083E-08 5.00 17.42 2.33
SRCPARAM L0009116 2.4083E-08 5.00 17.42 2.33
SRCPARAM L0009117 2.4083E-08 5.00 17.36 2.33
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SRCPARAM L0009119 2.4083E-08 5.00 17.36 2.33
SRCPARAM L0009120 2.4083E-08 5.00 17.36 2.33
SRCPARAM L0009121 2.4083E-08 5.00 17.36 2.33
SRCPARAM L0009122 2.4083E-08 5.00 17.36 2.33
SRCPARAM L0009123 2.4083E-08 5.00 17.36 2.33
SRCPARAM L0009124 2.4083E-08 5.00 17.36 2.33
SRCPARAM L0009125 2.4083E-08 5.00 17.36 2.33
SRCPARAM L0009126 2.4083E-08 5.00 17.36 2.33
SRCPARAM L0009127 2.4083E-08 5.00 17.36 2.33
SRCPARAM L0009128 2.4083E-08 5.00 17.36 2.33
SRCPARAM L0009129 2.4083E-08 5.00 17.36 2.33
SRCPARAM L0009130 2.4083E-08 5.00 17.36 2.33
SRCPARAM L0009131 2.4083E-08 5.00 17.36 2.33
SRCPARAM L0009132 2.4083E-08 5.00 17.36 2.33
SRCPARAM L0009133 2.4083E-08 5.00 17.36 2.33
SRCPARAM L0009134 2.4083E-08 5.00 17.36 2.33
SRCPARAM L0009135 2.4083E-08 5.00 17.36 2.33
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SRCPARAM L0009139 2.4083E-08 5.00 17.36 2.33
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SRCPARAM L0009141 2.4083E-08 5.00 17.37 2.33
SRCPARAM L0009142 2.4083E-08 5.00 17.37 2.33
SRCPARAM L0009143 2.4083E-08 5.00 17.37 2.33
SRCPARAM L0009144 2.4083E-08 5.00 17.37 2.33
SRCPARAM L0009145 2.4083E-08 5.00 17.37 2.33
SRCPARAM L0009146 2.4083E-08 5.00 17.37 2.33
SRCPARAM L0009147 2.4083E-08 5.00 17.37 2.33
SRCPARAM L0009148 2.4083E-08 5.00 17.37 2.33
SRCPARAM L0009149 2.4083E-08 5.00 17.37 2.33
SRCPARAM L0009150 2.4083E-08 5.00 17.37 2.33
SRCPARAM L0009151 2.4083E-08 5.00 17.37 2.33
SRCPARAM L0009152 2.4083E-08 5.00 17.37 2.33
SRCGROUP ALL
SO FINISHED

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** ISC-PRIME Receptor Pathway
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**
RE STARTING
** DESCRREC "Res" "Residential"
DISCCART 365195.56 3766329.20
DISCCART 365046.70 3766293.15
DISCCART 364925.03 3766265.02
DISCCART 364810.05 3766234.54
DISCCART 365230.92 3766352.80
DISCCART 365358.03 3766388.07

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DISCCART 365384.34 3766356.86
DISCCART 365410.66 3766309.74
DISCCART 365214.23 3766258.34
DISCCART 365061.86 3766221.01
DISCCART 364950.49 3766192.86
DISCCART 364851.97 3766170.22
DISCCART 364936.41 3766071.09
DISCCART 365000.67 3766093.73
DISCCART 365093.68 3766116.99
DISCCART 365250.94 3766158.60
DISCCART 365455.33 3766211.83
** BEGIN OF NESTED GRID RECEPTORS

** Nested Grid ID = NSTD2
** Grid Count = 5
** Receptor Count = 417
** X Origin of Bounding Box = 364768.57
** Y Origin of Bounding Box = 3766257.55
** X Size of Bounding Box = 440.00
** Y Size of Bounding Box = 200.00
** Grid #1: Distance from Bounding Box = 25.00 Spacing = 25.00
** Grid #2: Distance from Bounding Box = 50.00 Spacing = 50.00
** Grid #3: Distance from Bounding Box = 100.00 Spacing = 75.00
** Grid #4: Distance from Bounding Box = 200.00 Spacing = 100.00
** Grid #5: Distance from Bounding Box = 500.00 Spacing = 125.00
DISCCART 364768.57 3766257.55
DISCCART 364788.57 3766257.55
DISCCART 364808.57 3766257.55
DISCCART 364828.57 3766257.55
DISCCART 364848.57 3766257.55
DISCCART 364868.57 3766257.55
DISCCART 364888.57 3766257.55
DISCCART 364908.57 3766257.55
DISCCART 364928.57 3766257.55
DISCCART 364948.57 3766257.55
DISCCART 364968.57 3766257.55
DISCCART 364988.57 3766257.55
DISCCART 365008.57 3766257.55
DISCCART 365028.57 3766257.55
DISCCART 365048.57 3766257.55
DISCCART 365068.57 3766257.55
DISCCART 365088.57 3766257.55
DISCCART 365108.57 3766257.55
DISCCART 365128.57 3766257.55
DISCCART 365148.57 3766257.55
DISCCART 365168.57 3766257.55
DISCCART 365188.57 3766257.55
DISCCART 365208.57 3766257.55
DISCCART 364768.57 3766277.55
DISCCART 364868.57 3766277.55
DISCCART 364888.57 3766277.55
DISCCART 364908.57 3766277.55
DISCCART 364928.57 3766277.55
DISCCART 364948.57 3766277.55
DISCCART 364968.57 3766277.55
DISCCART 364988.57 3766277.55
DISCCART 365008.57 3766277.55
DISCCART 365028.57 3766277.55
DISCCART 365048.57 3766277.55
DISCCART 365068.57 3766277.55
DISCCART 365088.57 3766277.55
DISCCART 365108.57 3766277.55
DISCCART 365128.57 3766277.55
DISCCART 365148.57 3766277.55
DISCCART 365168.57 3766277.55
DISCCART 365188.57 3766277.55
DISCCART 365208.57 3766277.55
DISCCART 364768.57 3766297.55
DISCCART 364968.57 3766297.55
DISCCART 364988.57 3766297.55
DISCCART 365008.57 3766297.55
DISCCART 365028.57 3766297.55
DISCCART 365048.57 3766297.55
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DISCCART	365018.57	3765882.55

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DISCCART 365768.57 3767007.55
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** END OF NESTED GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name SITE
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
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DISCCART 365206.82 3766357.85
DISCCART 365180.28 3766456.25
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RE FINISHED
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** ISC-PRIME Meteorology Pathway
*****
**
**
ME STARTING
INPUTFIL C:\AERMOD~1\METDAT~1\WESTLA.ASC
ANEMHGH 97 METERS
SURFDATA 52158 1981
UAIRDATA 91919 1981
ME FINISHED
**
*****
** ISC-PRIME Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST

```

```
RECTABLE 1 1ST
RECTABLE 8 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST COHIGH.PR\01HIGALL.PLT
PLOTFILE 8 ALL 1ST COHIGH.PR\08HIGALL.PLT
PLOTFILE ANNUAL ALL COHIGH.PR\AN00GALL.PLT
OU FINISHED
```

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

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
***
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PAGE 1

**MODELOPTS: CONC

URBAN FLAT

DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 60 Source(s); 1 Source Group(s); and 438 Receptor(s)

**The Model Assumes A Pollutant Type of: CO

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

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High values for Plotting (PLOTFILE Keyword)

**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: Anem. Hgt. (m) = 97.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
Output Units = MICROGRAMS/M**3

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PAGE 2

**MODELOPTS: CONC

URBAN FLAT

DFAULT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0009093	0	0.24083E-07	364794.8	3766274.5	0.0	5.00	17.38	2.33	
L0009094	0	0.24083E-07	364831.2	3766283.0	0.0	5.00	17.38	2.33	
L0009095	0	0.24083E-07	364867.5	3766291.8	0.0	5.00	17.38	2.33	
L0009096	0	0.24083E-07	364903.9	3766300.5	0.0	5.00	17.38	2.33	
L0009097	0	0.24083E-07	364940.2	3766309.0	0.0	5.00	17.38	2.33	
L0009098	0	0.24083E-07	364976.6	3766317.5	0.0	5.00	17.38	2.33	
L0009099	0	0.24083E-07	365013.0	3766326.2	0.0	5.00	17.38	2.33	
L0009100	0	0.24083E-07	365049.3	3766335.0	0.0	5.00	17.38	2.33	
L0009101	0	0.24083E-07	365085.7	3766343.5	0.0	5.00	17.38	2.33	
L0009102	0	0.24083E-07	365122.1	3766352.0	0.0	5.00	17.38	2.33	
L0009103	0	0.24083E-07	365158.4	3766360.8	0.0	5.00	17.38	2.33	
L0009104	0	0.24083E-07	365194.8	3766369.5	0.0	5.00	17.38	2.33	
L0009105	0	0.24083E-07	364791.1	3766295.0	0.0	5.00	17.42	2.33	
L0009106	0	0.24083E-07	364827.6	3766303.8	0.0	5.00	17.42	2.33	
L0009107	0	0.24083E-07	364864.0	3766312.2	0.0	5.00	17.42	2.33	
L0009108	0	0.24083E-07	364900.4	3766321.0	0.0	5.00	17.42	2.33	
L0009109	0	0.24083E-07	364936.9	3766329.5	0.0	5.00	17.42	2.33	
L0009110	0	0.24083E-07	364973.3	3766338.2	0.0	5.00	17.42	2.33	
L0009111	0	0.24083E-07	365009.8	3766347.0	0.0	5.00	17.42	2.33	
L0009112	0	0.24083E-07	365046.2	3766355.5	0.0	5.00	17.42	2.33	
L0009113	0	0.24083E-07	365082.7	3766364.2	0.0	5.00	17.42	2.33	
L0009114	0	0.24083E-07	365119.1	3766372.8	0.0	5.00	17.42	2.33	
L0009115	0	0.24083E-07	365155.6	3766381.5	0.0	5.00	17.42	2.33	
L0009116	0	0.24083E-07	365192.0	3766390.0	0.0	5.00	17.42	2.33	
L0009117	0	0.24083E-07	364788.2	3766314.8	0.0	5.00	17.36	2.33	
L0009118	0	0.24083E-07	364824.6	3766323.2	0.0	5.00	17.36	2.33	
L0009119	0	0.24083E-07	364860.9	3766332.0	0.0	5.00	17.36	2.33	
L0009120	0	0.24083E-07	364897.2	3766340.5	0.0	5.00	17.36	2.33	
L0009121	0	0.24083E-07	364933.5	3766349.0	0.0	5.00	17.36	2.33	
L0009122	0	0.24083E-07	364969.9	3766357.5	0.0	5.00	17.36	2.33	
L0009123	0	0.24083E-07	365006.2	3766366.0	0.0	5.00	17.36	2.33	
L0009124	0	0.24083E-07	365042.5	3766374.8	0.0	5.00	17.36	2.33	
L0009125	0	0.24083E-07	365078.8	3766383.2	0.0	5.00	17.36	2.33	
L0009126	0	0.24083E-07	365115.1	3766391.8	0.0	5.00	17.36	2.33	
L0009127	0	0.24083E-07	365151.4	3766400.2	0.0	5.00	17.36	2.33	

Cohigh.POU.txt
L0009128 0 0.24083E-07 365187.8 3766409.0 0.0 5.00 17.36 2.33
L0009129 0 0.24083E-07 364784.0 3766333.8 0.0 5.00 17.36 2.33
L0009130 0 0.24083E-07 364820.4 3766342.5 0.0 5.00 17.36 2.33
L0009131 0 0.24083E-07 364856.7 3766351.0 0.0 5.00 17.36 2.33
L0009132 0 0.24083E-07 364893.0 3766359.5 0.0 5.00 17.36 2.33
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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 3

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0009133	0	0.24083E-07	364929.3	3766368.2	0.0	5.00	17.36	2.33	
L0009134	0	0.24083E-07	364965.6	3766376.8	0.0	5.00	17.36	2.33	
L0009135	0	0.24083E-07	365002.0	3766385.5	0.0	5.00	17.36	2.33	
L0009136	0	0.24083E-07	365038.2	3766394.0	0.0	5.00	17.36	2.33	
L0009137	0	0.24083E-07	365074.6	3766402.5	0.0	5.00	17.36	2.33	
L0009138	0	0.24083E-07	365110.9	3766411.2	0.0	5.00	17.36	2.33	
L0009139	0	0.24083E-07	365147.2	3766419.8	0.0	5.00	17.36	2.33	
L0009140	0	0.24083E-07	365183.6	3766428.5	0.0	5.00	17.36	2.33	
L0009141	0	0.24083E-07	364781.2	3766351.0	0.0	5.00	17.37	2.33	
L0009142	0	0.24083E-07	364817.6	3766359.8	0.0	5.00	17.37	2.33	
L0009143	0	0.24083E-07	364853.9	3766368.2	0.0	5.00	17.37	2.33	
L0009144	0	0.24083E-07	364890.2	3766377.0	0.0	5.00	17.37	2.33	
L0009145	0	0.24083E-07	364926.5	3766385.5	0.0	5.00	17.37	2.33	
L0009146	0	0.24083E-07	364962.9	3766394.2	0.0	5.00	17.37	2.33	
L0009147	0	0.24083E-07	364999.2	3766403.0	0.0	5.00	17.37	2.33	
L0009148	0	0.24083E-07	365035.5	3766411.5	0.0	5.00	17.37	2.33	
L0009149	0	0.24083E-07	365071.8	3766420.2	0.0	5.00	17.37	2.33	
L0009150	0	0.24083E-07	365108.2	3766428.8	0.0	5.00	17.37	2.33	
L0009151	0	0.24083E-07	365144.5	3766437.5	0.0	5.00	17.37	2.33	
L0009152	0	0.24083E-07	365180.8	3766446.0	0.0	5.00	17.37	2.33	
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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 4

*** SOURCE IDS DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDS

ALL L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099, L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111, L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, L0009123, L0009124, L0009125, L0009126, L0009127, L0009128, L0009129, L0009130, L0009131, L0009132, L0009133, L0009134, L0009135, L0009136, L0009137, L0009138, L0009139, L0009140, L0009141, L0009142, L0009143, L0009144, L0009145, L0009146, L0009147, L0009148, L0009149, L0009150, L0009151, L0009152,

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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 5

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

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1 *** ISC3P - VERSION 04269 ***	*** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTs:  CONC
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URBAN FLAT

DFAULT

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

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1 *** I5C3P - VERSION 04269 *** *** C:\AERMDO Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

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**MODELOPTS:  CONC
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URBAN FLAT

DEFAULT

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

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1 *** I3C3P - VERSION 04269 *** *** C:\AERMDO Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

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**MODELOPTS:  CONC

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URBAN FLAT

DFAULT

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

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

```

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( 365393.6, 3767007.5, 0.0, 0.0); ( 365518.6, 3767007.5, 0.0, 0.0);
( 365643.6, 3767007.5, 0.0, 0.0); ( 365768.6, 3767007.5, 0.0, 0.0);
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( 365180.3, 3766456.2, 0.0, 0.0); ( 364769.3, 3766358.2, 0.0, 0.0);
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009093	364768.6	3766257.5	-6.12
L0009093	364788.6	3766257.5	-19.27
L0009093	364808.6	3766257.5	-15.48
L0009093	364828.6	3766257.5	0.45
L0009093	364768.6	3766277.5	-10.98
L0009093	364768.6	3766297.5	-2.49
L0009093	364787.8	3766259.5	-20.81
L0009094	364808.6	3766257.5	-3.30
L0009094	364828.6	3766257.5	-11.74
L0009094	364848.6	3766257.5	-6.49
L0009094	364868.6	3766277.5	0.44

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L0009095	364868.6	3766257.5	-3.10
L0009095	364868.6	3766277.5	-23.08
L0009095	364888.6	3766277.5	-11.96
L0009096	364888.6	3766277.5	-9.72
L0009096	364908.6	3766277.5	-13.90
L0009096	364928.6	3766277.5	-3.65
L0009097	364928.6	3766277.5	-3.77
L0009097	364948.6	3766277.5	-4.79
L0009097	364968.6	3766297.5	-6.81
L0009098	364968.6	3766297.5	-15.81
L0009098	364988.6	3766297.5	-14.06
L0009098	365008.6	3766297.5	0.34
L0009099	364988.6	3766297.5	0.35
L0009099	365008.6	3766297.5	-8.28
L0009099	365028.6	3766297.5	-4.66
L0009099	365048.6	3766317.5	-0.71
L0009100	365048.6	3766297.5	0.14
L0009100	365048.6	3766317.5	-19.85
L0009100	365068.6	3766317.5	-11.37
L0009101	365068.6	3766317.5	-6.23
L0009101	365088.6	3766317.5	-11.21
L0009101	365108.6	3766317.5	-2.74
L0009102	365108.6	3766317.5	-0.32
L0009102	365128.6	3766317.5	-2.26
L0009102	365128.6	3766337.5	-21.48
L0009102	365148.6	3766337.5	-7.16
L0009103	365128.6	3766337.5	0.49
L0009103	365148.6	3766337.5	-12.11
L0009103	365168.6	3766337.5	-12.01

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009103	365188.6	3766337.5	0.69
L0009104	365188.6	3766337.5	-4.76
L0009104	365208.6	3766337.5	-2.54
L0009104	365208.6	3766357.5	-19.12
L0009104	365208.6	3766377.5	-21.46
L0009104	365208.6	3766397.5	-6.17
L0009104	365218.6	3766357.5	-10.76
L0009104	365218.6	3766382.5	-10.29
L0009104	365206.8	3766357.8	-20.55
L0009105	364788.6	3766257.5	0.13
L0009105	364768.6	3766277.5	-8.92
L0009105	364768.6	3766297.5	-14.78
L0009105	364768.6	3766317.5	-5.61
L0009105	364787.8	3766259.5	-1.80
L0009107	364868.6	3766277.5	-2.40
L0009112	365048.6	3766317.5	0.62
L0009114	365128.6	3766337.5	-0.96
L0009116	365208.6	3766357.5	-0.99
L0009116	365208.6	3766377.5	-16.73
L0009116	365208.6	3766397.5	-19.30
L0009116	365208.6	3766417.5	-5.37
L0009116	365218.6	3766382.5	-9.88
L0009116	365218.6	3766407.5	-5.67
L0009116	365206.8	3766357.8	-1.96
L0009117	364768.6	3766297.5	-11.15
L0009117	364768.6	3766317.5	-17.45
L0009117	364768.6	3766337.5	-7.24
L0009128	365208.6	3766377.5	0.43
L0009128	365208.6	3766397.5	-13.55
L0009128	365208.6	3766417.5	-14.84
L0009128	365188.6	3766437.5	-8.81
L0009128	365208.6	3766437.5	-2.03
L0009128	365218.6	3766407.5	-6.48
L0009129	364768.6	3766317.5	-14.89
L0009129	364768.6	3766337.5	-21.41
L0009129	364768.6	3766357.5	-8.98
L0009129	364769.3	3766358.2	-8.76
L0009130	364808.6	3766377.5	-0.38
L0009130	364828.6	3766377.5	-1.38
L0009131	364848.6	3766377.5	-9.61

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009132	364888.6	3766397.5	0.93
L0009133	364908.6	3766397.5	-1.46
L0009133	364928.6	3766397.5	-8.06
L0009135	364988.6	3766417.5	-2.63
L0009135	365008.6	3766417.5	-4.65
L0009136	365008.6	3766417.5	0.54
L0009137	365068.6	3766437.5	-1.81
L0009137	365088.6	3766437.5	0.36
L0009138	365088.6	3766437.5	-2.85
L0009139	365148.6	3766457.5	0.45
L0009140	365208.6	3766417.5	-10.01
L0009140	365188.6	3766437.5	-27.03
L0009140	365208.6	3766437.5	-10.75
L0009140	365168.6	3766457.5	-4.67
L0009140	365188.6	3766457.5	-7.90
L0009140	365208.6	3766457.5	0.96
L0009140	365218.6	3766432.5	-2.10
L0009140	365180.3	3766456.2	-9.38
L0009141	364768.6	3766317.5	-1.52
L0009141	364768.6	3766337.5	-18.82
L0009141	364768.6	3766357.5	-23.09
L0009141	364768.6	3766377.5	-7.96
L0009141	364788.6	3766377.5	-9.86

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

FILE: C:\AERMOD~1\METDAT~1\WESTLA.ASC FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,F9.4,f10.1,f8.4,i4,f7.2)
SURFACE STATION NO.: 52158 UPPER AIR STATION NO.: 91919
NAME: UNKNOWN NAME: UNKNOWN
YEAR: 1981 YEAR: 1981

YEAR	MONTH	DAY	HOURL	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
81	1	1	1	67.3	1.00	285.9	7	387.1	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	2	79.9	1.00	286.5	7	397.2	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	3	62.5	1.00	285.9	6	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	4	98.5	1.00	285.9	5	417.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	5	354.0	1.00	285.4	4	427.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	6	139.5	1.00	283.7	5	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	7	94.5	1.00	283.7	6	447.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	8	112.2	1.00	284.3	5	70.1	201.5	0.0000	0.0	0.0000	0	0.00
81	1	1	9	186.5	1.00	287.0	4	144.7	254.3	0.0000	0.0	0.0000	0	0.00
81	1	1	10	256.6	1.00	291.5	3	219.4	307.0	0.0000	0.0	0.0000	0	0.00
81	1	1	11	314.1	1.00	294.8	2	294.0	359.8	0.0000	0.0	0.0000	0	0.00
81	1	1	12	35.6	2.68	290.9	3	368.7	412.5	0.0000	0.0	0.0000	0	0.00
81	1	1	13	64.7	2.24	289.8	3	443.3	465.3	0.0000	0.0	0.0000	0	0.00
81	1	1	14	34.2	2.24	290.4	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	15	44.8	1.34	290.4	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	16	53.2	1.79	289.3	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	17	42.6	0.00	288.1	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	18	30.1	1.00	287.6	5	518.0	468.5	0.0000	0.0	0.0000	0	0.00
81	1	1	19	20.5	0.00	287.0	6	518.0	425.9	0.0000	0.0	0.0000	0	0.00
81	1	1	20	55.7	1.00	287.0	7	518.0	383.4	0.0000	0.0	0.0000	0	0.00
81	1	1	21	43.6	0.00	287.6	7	518.0	340.8	0.0000	0.0	0.0000	0	0.00
81	1	1	22	137.0	1.00	287.0	7	518.0	298.2	0.0000	0.0	0.0000	0	0.00
81	1	1	23	90.7	1.00	286.5	7	518.0	255.6	0.0000	0.0	0.0000	0	0.00
81	1	1	24	67.2	1.00	286.5	6	518.0	213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365195.56	3766329.25	0.00006	365046.69	3766293.00	0.00005
364925.03	3766265.00	0.00004	364810.06	3766234.50	0.00002
365230.94	3766352.75	0.00006	365358.03	3766388.00	0.00003
365384.34	3766356.75	0.00002	365410.66	3766309.75	0.00001
365214.22	3766258.25	0.00003	365061.88	3766221.00	0.00002
364950.50	3766192.75	0.00002	364851.97	3766170.25	0.00001
364936.41	3766071.00	0.00001	365000.66	3766093.75	0.00001
365093.69	3766117.00	0.00001	365250.94	3766158.50	0.00001
365455.34	3766211.75	0.00001	364768.56	3766257.50	0.00002
364788.56	3766257.50	0.00002	364808.56	3766257.50	0.00002
364828.56	3766257.50	0.00003	364848.56	3766257.50	0.00003
364868.56	3766257.50	0.00004	364888.56	3766257.50	0.00004
364908.56	3766257.50	0.00004	364928.56	3766257.50	0.00004
364948.56	3766257.50	0.00004	364968.56	3766257.50	0.00004
364988.56	3766257.50	0.00004	365008.56	3766257.50	0.00004
365028.56	3766257.50	0.00004	365048.56	3766257.50	0.00003
365068.56	3766257.50	0.00003	365088.56	3766257.50	0.00003
365108.56	3766257.50	0.00003	365128.56	3766257.50	0.00003
365148.56	3766257.50	0.00003	365168.56	3766257.50	0.00003
365188.56	3766257.50	0.00003	365208.56	3766257.50	0.00003
364768.56	3766277.50	0.00002	364868.56	3766277.50	0.00005
364888.56	3766277.50	0.00005	364908.56	3766277.50	0.00005
364928.56	3766277.50	0.00005	364948.56	3766277.50	0.00005
364968.56	3766277.50	0.00005	364988.56	3766277.50	0.00005
365008.56	3766277.50	0.00005	365028.56	3766277.50	0.00005
365048.56	3766277.50	0.00004	365068.56	3766277.50	0.00004
365088.56	3766277.50	0.00004	365108.56	3766277.50	0.00004
365128.56	3766277.50	0.00004	365148.56	3766277.50	0.00004
365168.56	3766277.50	0.00003	365188.56	3766277.50	0.00003
365208.56	3766277.50	0.00003	364768.56	3766297.50	0.00003
364968.56	3766297.50	0.00006	364988.56	3766297.50	0.00006
365008.56	3766297.50	0.00006	365028.56	3766297.50	0.00006
365048.56	3766297.50	0.00006	365068.56	3766297.50	0.00005
365088.56	3766297.50	0.00005	365108.56	3766297.50	0.00005
365128.56	3766297.50	0.00005	365148.56	3766297.50	0.00004
365168.56	3766297.50	0.00004	365188.56	3766297.50	0.00004
365208.56	3766297.50	0.00004	364768.56	3766317.50	0.00004
365048.56	3766317.50	0.00007	365068.56	3766317.50	0.00007
365088.56	3766317.50	0.00007	365108.56	3766317.50	0.00006
365128.56	3766317.50	0.00006	365148.56	3766317.50	0.00006

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365168.56	3766317.50	0.00005	365188.56	3766317.50	0.00005
365208.56	3766317.50	0.00005	364768.56	3766337.50	0.00004
365128.56	3766337.50	0.00007	365148.56	3766337.50	0.00007

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365168.56 3766337.50 0.00007 365188.56 3766337.50 0.00006
365208.56 3766337.50 0.00006 364768.56 3766357.50 0.00005
365208.56 3766357.50 0.00007 364768.56 3766377.50 0.00005
364788.56 3766377.50 0.00005 364808.56 3766377.50 0.00007
364828.56 3766377.50 0.00008 364848.56 3766377.50 0.00010
365208.56 3766377.50 0.00008 364768.56 3766397.50 0.00004
364788.56 3766397.50 0.00006 364808.56 3766397.50 0.00007
364828.56 3766397.50 0.00008 364848.56 3766397.50 0.00009
364868.56 3766397.50 0.00010 364888.56 3766397.50 0.00011
364908.56 3766397.50 0.00012 364928.56 3766397.50 0.00013
365208.56 3766397.50 0.00009 364768.56 3766417.50 0.00004
364788.56 3766417.50 0.00004 364808.56 3766417.50 0.00005
364828.56 3766417.50 0.00007 364848.56 3766417.50 0.00008
364868.56 3766417.50 0.00009 364888.56 3766417.50 0.00010
364908.56 3766417.50 0.00011 364928.56 3766417.50 0.00011
364948.56 3766417.50 0.00012 364968.56 3766417.50 0.00012
364988.56 3766417.50 0.00013 365008.56 3766417.50 0.00013
365208.56 3766417.50 0.00010 364768.56 3766437.50 0.00003
364788.56 3766437.50 0.00004 364808.56 3766437.50 0.00004
364828.56 3766437.50 0.00005 364848.56 3766437.50 0.00006
364868.56 3766437.50 0.00007 364888.56 3766437.50 0.00008
364908.56 3766437.50 0.00008 364928.56 3766437.50 0.00009
364948.56 3766437.50 0.00010 364968.56 3766437.50 0.00011
364988.56 3766437.50 0.00011 365008.56 3766437.50 0.00011
365028.56 3766437.50 0.00013 365048.56 3766437.50 0.00013
365068.56 3766437.50 0.00013 365088.56 3766437.50 0.00012
365188.56 3766437.50 0.00012 365208.56 3766437.50 0.00010
364768.56 3766457.50 0.00002 364788.56 3766457.50 0.00003
364808.56 3766457.50 0.00003 364828.56 3766457.50 0.00004
364848.56 3766457.50 0.00004 364868.56 3766457.50 0.00005
364888.56 3766457.50 0.00006 364908.56 3766457.50 0.00006
364928.56 3766457.50 0.00007 364948.56 3766457.50 0.00008
364968.56 3766457.50 0.00009 364988.56 3766457.50 0.00009
365008.56 3766457.50 0.00010 365028.56 3766457.50 0.00011
365048.56 3766457.50 0.00011 365068.56 3766457.50 0.00011
365088.56 3766457.50 0.00012 365108.56 3766457.50 0.00012
365128.56 3766457.50 0.00012 365148.56 3766457.50 0.00012
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC          URBAN FLAT          DEFAULT

*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)  Y-COORD (M)  CONC          X-COORD (M)  Y-COORD (M)  CONC
-----
365168.56 3766457.50 0.00011 365188.56 3766457.50 0.00011
365208.56 3766457.50 0.00010 364743.56 3766232.50 0.00001
364768.56 3766232.50 0.00001 364793.56 3766232.50 0.00002
364818.56 3766232.50 0.00002 364843.56 3766232.50 0.00002
364868.56 3766232.50 0.00003 364893.56 3766232.50 0.00003
364918.56 3766232.50 0.00003 364943.56 3766232.50 0.00003
364968.56 3766232.50 0.00003 364993.56 3766232.50 0.00003
365018.56 3766232.50 0.00003 365043.56 3766232.50 0.00003
365068.56 3766232.50 0.00003 365093.56 3766232.50 0.00002
365118.56 3766232.50 0.00002 365143.56 3766232.50 0.00002
365168.56 3766232.50 0.00002 365193.56 3766232.50 0.00002
365218.56 3766232.50 0.00002 365243.56 3766232.50 0.00002
364743.56 3766257.50 0.00002 365218.56 3766257.50 0.00002
365243.56 3766257.50 0.00002 364743.56 3766282.50 0.00003
365218.56 3766282.50 0.00003 365243.56 3766282.50 0.00003
364743.56 3766307.50 0.00004 365218.56 3766307.50 0.00004
365243.56 3766307.50 0.00004 364743.56 3766332.50 0.00004
365218.56 3766332.50 0.00005 365243.56 3766332.50 0.00005
364743.56 3766357.50 0.00004 365218.56 3766357.50 0.00007
365243.56 3766357.50 0.00006 364743.56 3766382.50 0.00004
365218.56 3766382.50 0.00008 365243.56 3766382.50 0.00008
364743.56 3766407.50 0.00003 365218.56 3766407.50 0.00010
365243.56 3766407.50 0.00009 364743.56 3766432.50 0.00003
365218.56 3766432.50 0.00011 365243.56 3766432.50 0.00010
364743.56 3766457.50 0.00002 365218.56 3766457.50 0.00011
365243.56 3766457.50 0.00009 364743.56 3766482.50 0.00002
364768.56 3766482.50 0.00002 364793.56 3766482.50 0.00002
364818.56 3766482.50 0.00003 364843.56 3766482.50 0.00003
364868.56 3766482.50 0.00004 364893.56 3766482.50 0.00004
364918.56 3766482.50 0.00005 364943.56 3766482.50 0.00006
364968.56 3766482.50 0.00006 364993.56 3766482.50 0.00007
365018.56 3766482.50 0.00008 365043.56 3766482.50 0.00008
365068.56 3766482.50 0.00009 365093.56 3766482.50 0.00009
365118.56 3766482.50 0.00010 365143.56 3766482.50 0.00010
365168.56 3766482.50 0.00010 365193.56 3766482.50 0.00010
365218.56 3766482.50 0.00009 365243.56 3766482.50 0.00008
364718.56 3766207.50 0.00001 364768.56 3766207.50 0.00001
364818.56 3766207.50 0.00001 364868.56 3766207.50 0.00002
364918.56 3766207.50 0.00002 364968.56 3766207.50 0.00002
365018.56 3766207.50 0.00002 365068.56 3766207.50 0.00002
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC          URBAN FLAT          DEFAULT

*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)  Y-COORD (M)  CONC          X-COORD (M)  Y-COORD (M)  CONC
-----
365118.56 3766207.50 0.00002 365168.56 3766207.50 0.00002
365218.56 3766207.50 0.00002 365268.56 3766207.50 0.00002
364718.56 3766257.50 0.00002 365268.56 3766257.50 0.00002
364718.56 3766307.50 0.00003 365268.56 3766307.50 0.00003
364718.56 3766357.50 0.00003 365268.56 3766357.50 0.00005
364718.56 3766407.50 0.00002 365268.56 3766407.50 0.00007
364718.56 3766457.50 0.00002 365268.56 3766457.50 0.00007
364718.56 3766507.50 0.00001 364768.56 3766507.50 0.00002
364818.56 3766507.50 0.00002 364868.56 3766507.50 0.00003

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                                Cohigh.POU.txt
364918.56  3766507.50  0.00004  364968.56  3766507.50  0.00005
365018.56  3766507.50  0.00006  365068.56  3766507.50  0.00006
365118.56  3766507.50  0.00007  365168.56  3766507.50  0.00008
365218.56  3766507.50  0.00007  365268.56  3766507.50  0.00006
364668.56  3766157.50  0.00000  364743.56  3766157.50  0.00000
364818.56  3766157.50  0.00001  364893.56  3766157.50  0.00001
364968.56  3766157.50  0.00001  365043.56  3766157.50  0.00001
365118.56  3766157.50  0.00001  365193.56  3766157.50  0.00001
365268.56  3766157.50  0.00001  365343.56  3766157.50  0.00001
364668.56  3766232.50  0.00001  365268.56  3766232.50  0.00002
365343.56  3766232.50  0.00001  364668.56  3766307.50  0.00002
365268.56  3766307.50  0.00003  365343.56  3766307.50  0.00002
364668.56  3766382.50  0.00002  365268.56  3766382.50  0.00006
365343.56  3766382.50  0.00003  364668.56  3766457.50  0.00001
365268.56  3766457.50  0.00007  365343.56  3766457.50  0.00003
364668.56  3766532.50  0.00001  364743.56  3766532.50  0.00001
364818.56  3766532.50  0.00002  364893.56  3766532.50  0.00003
364968.56  3766532.50  0.00004  365043.56  3766532.50  0.00005
365118.56  3766532.50  0.00006  365193.56  3766532.50  0.00006
365268.56  3766532.50  0.00005  365343.56  3766532.50  0.00003
364568.56  3766057.50  0.00000  364668.56  3766057.50  0.00000
364768.56  3766057.50  0.00000  364868.56  3766057.50  0.00000
364968.56  3766057.50  0.00001  365068.56  3766057.50  0.00001
365168.56  3766057.50  0.00001  365268.56  3766057.50  0.00001
365368.56  3766057.50  0.00001  364568.56  3766157.50  0.00000
365368.56  3766157.50  0.00001  364568.56  3766257.50  0.00001
365368.56  3766257.50  0.00001  364568.56  3766357.50  0.00001
365368.56  3766357.50  0.00002  364568.56  3766457.50  0.00001
365368.56  3766457.50  0.00003  364568.56  3766557.50  0.00001
365368.56  3766557.50  0.00003  364568.56  3766657.50  0.00000
364668.56  3766657.50  0.00001  364768.56  3766657.50  0.00001
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):

L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111, L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364868.56	3766657.50	0.00001	364968.56	3766657.50	0.00001
365068.56	3766657.50	0.00002	365168.56	3766657.50	0.00002
365268.56	3766657.50	0.00002	365368.56	3766657.50	0.00002
364268.56	3765757.50	0.00000	364393.56	3765757.50	0.00000
364518.56	3765757.50	0.00000	364643.56	3765757.50	0.00000
364768.56	3765757.50	0.00000	364893.56	3765757.50	0.00000
365018.56	3765757.50	0.00000	365143.56	3765757.50	0.00000
365268.56	3765757.50	0.00000	365393.56	3765757.50	0.00000
365518.56	3765757.50	0.00000	365643.56	3765757.50	0.00000
365768.56	3765757.50	0.00000	364268.56	3765882.50	0.00000
364393.56	3765882.50	0.00000	364518.56	3765882.50	0.00000
364643.56	3765882.50	0.00000	364768.56	3765882.50	0.00000
364893.56	3765882.50	0.00000	365018.56	3765882.50	0.00000
365143.56	3765882.50	0.00000	365268.56	3765882.50	0.00000
365393.56	3765882.50	0.00000	365518.56	3765882.50	0.00000
365643.56	3765882.50	0.00000	365768.56	3765882.50	0.00000
364268.56	3766007.50	0.00000	364393.56	3766007.50	0.00000
364518.56	3766007.50	0.00000	364643.56	3766007.50	0.00000
364768.56	3766007.50	0.00000	364893.56	3766007.50	0.00000
365018.56	3766007.50	0.00000	365143.56	3766007.50	0.00001
365268.56	3766007.50	0.00001	365393.56	3766007.50	0.00001
365518.56	3766007.50	0.00000	365643.56	3766007.50	0.00000
365768.56	3766007.50	0.00000	364268.56	3766132.50	0.00000
364393.56	3766132.50	0.00000	364518.56	3766132.50	0.00000
364643.56	3766132.50	0.00001	364768.56	3766132.50	0.00000
364893.56	3766132.50	0.00000	365018.56	3766132.50	0.00000
365143.56	3766132.50	0.00000	365268.56	3766257.50	0.00000
365393.56	3766257.50	0.00000	365518.56	3766257.50	0.00001
365643.56	3766257.50	0.00001	365768.56	3766257.50	0.00001
364268.56	3766257.50	0.00000	364393.56	3766382.50	0.00000
364518.56	3766382.50	0.00000	364643.56	3766382.50	0.00001
364768.56	3766382.50	0.00001	364893.56	3766382.50	0.00001
365018.56	3766382.50	0.00001	365143.56	3766382.50	0.00001
365268.56	3766382.50	0.00001	365393.56	3766382.50	0.00001
365518.56	3766382.50	0.00001	365643.56	3766382.50	0.00001
365768.56	3766382.50	0.00001	364268.56	3766507.50	0.00000
364393.56	3766507.50	0.00000	364518.56	3766507.50	0.00001
364643.56	3766507.50	0.00001	364768.56	3766507.50	0.00001
364893.56	3766507.50	0.00001	365018.56	3766507.50	0.00001
365143.56	3766507.50	0.00001	365268.56	3766632.50	0.00000
365393.56	3766632.50	0.00000	365518.56	3766632.50	0.00001
365643.56	3766632.50	0.00001	365768.56	3766632.50	0.00001
364268.56	3766632.50	0.00001	364393.56	3766757.50	0.00000
364518.56	3766757.50	0.00000	364643.56	3766757.50	0.00000
364768.56	3766757.50	0.00000	364893.56	3766757.50	0.00000
365018.56	3766757.50	0.00000	365143.56	3766757.50	0.00001
365268.56	3766757.50	0.00000	365393.56	3766757.50	0.00001
365518.56	3766757.50	0.00001	365643.56	3766757.50	0.00001
365768.56	3766757.50	0.00000	364268.56	3767007.50	0.00000
364393.56	3767007.50	0.00000	364518.56	3767007.50	0.00000
364643.56	3767007.50	0.00000	364768.56	3767007.50	0.00000
364893.56	3767007.50	0.00000	365018.56	3767007.50	0.00000
365143.56	3767007.50	0.00000	365268.56	3767007.50	0.00000

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):

L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111, L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364893.56	3766757.50	0.00001	365018.56	3766757.50	0.00001
365143.56	3766757.50	0.00001	365268.56	3766757.50	0.00001
365393.56	3766757.50	0.00001	365518.56	3766757.50	0.00001
365643.56	3766757.50	0.00001	365768.56	3766757.50	0.00001
364268.56	3766882.50	0.00000	364393.56	3766882.50	0.00000
364518.56	3766882.50	0.00000	364643.56	3766882.50	0.00000
364768.56	3766882.50	0.00000	364893.56	3766882.50	0.00000
365018.56	3766882.50	0.00001	365143.56	3766882.50	0.00001
365268.56	3766882.50	0.00001	365393.56	3766882.50	0.00001
365518.56	3766882.50	0.00001	365643.56	3766882.50	0.00001
365768.56	3766882.50	0.00001	364268.56	3767007.50	0.00000
364393.56	3767007.50	0.00000	364518.56	3767007.50	0.00000
364643.56	3767007.50	0.00000	364768.56	3767007.50	0.00000
364893.56	3767007.50	0.00000	365018.56	3767007.50	0.00000
365143.56	3767007.50	0.00000	365268.56	3767007.50	0.00000

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365393.56 3767007.50 0.00001 365518.56 3767007.50 0.00001
365643.56 3767007.50 0.00001 365768.56 3767007.50 0.00000
364787.78 3766259.50 0.00002 365206.84 3766357.75 0.00007
365180.28 3766456.25 0.00012 364769.34 3766358.25 0.00005
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,
*** 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)
365195.56 3766329.25 0.00039 (81050901) 365046.69 3766293.00 0.00034 (81012507)
364925.03 3766265.00 0.00036 (81040303) 364810.06 3766234.50 0.00038 (81042007)
365230.94 3766352.75 0.00046 (81071903) 365358.03 3766388.00 0.00032 (81072724)
365384.34 3766356.75 0.00027 (81091907) 365410.66 3766309.75 0.00021 (81031605)
365214.22 3766258.25 0.00022 (81122622) 365061.88 3766221.00 0.00020 (81021803)
364950.50 3766192.75 0.00020 (81120407) 364851.97 3766170.25 0.00021 (81011201)
364936.41 3766071.00 0.00013 (81111906) 365000.66 3766093.75 0.00013 (81020802)
365093.69 3766117.00 0.00013 (81100604) 365250.94 3766158.50 0.00014 (81092005)
365455.34 3766211.75 0.00015 (81021804) 364768.56 3766257.50 0.00047 (81020601)
364788.56 3766257.50 0.00047 (81112923) 364808.56 3766257.50 0.00043 (81011604)
364828.56 3766257.50 0.00042 (81040607) 364848.56 3766257.50 0.00039 (81122004)
364868.56 3766257.50 0.00038 (81042007) 364888.56 3766257.50 0.00037 (81032003)
364908.56 3766257.50 0.00034 (81030605) 364928.56 3766257.50 0.00033 (81011203)
364948.56 3766257.50 0.00031 (81070401) 364968.56 3766257.50 0.00030 (81101901)
364988.56 3766257.50 0.00028 (81100903) 365008.56 3766257.50 0.00026 (81112922)
365028.56 3766257.50 0.00026 (81032402) 365048.56 3766257.50 0.00025 (81032703)
365068.56 3766257.50 0.00025 (81052303) 365088.56 3766257.50 0.00025 (81030806)
365108.56 3766257.50 0.00024 (81020503) 365128.56 3766257.50 0.00024 (81071224)
365148.56 3766257.50 0.00023 (81021605) 365168.56 3766257.50 0.00023 (81120401)
365188.56 3766257.50 0.00022 (81041204) 365208.56 3766257.50 0.00022 (81032006)
364768.56 3766277.50 0.00050 (81022523) 364868.56 3766277.50 0.00045 (81070406)
364888.56 3766277.50 0.00040 (81011924) 364908.56 3766277.50 0.00041 (81042007)
364928.56 3766277.50 0.00037 (81101206) 364948.56 3766277.50 0.00036 (81110108)
364968.56 3766277.50 0.00033 (81011203) 364988.56 3766277.50 0.00032 (81022805)
365008.56 3766277.50 0.00031 (81011201) 365028.56 3766277.50 0.00030 (81040521)
365048.56 3766277.50 0.00030 (81040420) 365068.56 3766277.50 0.00029 (81103103)
365088.56 3766277.50 0.00028 (81061805) 365108.56 3766277.50 0.00028 (81082203)
365128.56 3766277.50 0.00027 (81071805) 365148.56 3766277.50 0.00027 (81071805)
365168.56 3766277.50 0.00026 (81122701) 365188.56 3766277.50 0.00025 (81022301)
365208.56 3766277.50 0.00025 (81080806) 364768.56 3766297.50 0.00053 (81122522)
364968.56 3766297.50 0.00036 (81042007) 364988.56 3766297.50 0.00033 (81101604)
365008.56 3766297.50 0.00033 (81021002) 365028.56 3766297.50 0.00034 (81101604)
365048.56 3766297.50 0.00035 (81111101) 365068.56 3766297.50 0.00033 (81101604)
365088.56 3766297.50 0.00034 (81111101) 365108.56 3766297.50 0.00033 (81071204)
365128.56 3766297.50 0.00032 (81031606) 365148.56 3766297.50 0.00031 (81031606)
365168.56 3766297.50 0.00030 (81031606) 365188.56 3766297.50 0.00029 (81031606)
365208.56 3766297.50 0.00029 (81022101) 364768.56 3766317.50 0.00054 (81012306)
365048.56 3766317.50 0.00037 (81091624) 365068.56 3766317.50 0.00038 (81021822)
365088.56 3766317.50 0.00040 (81011807) 365108.56 3766317.50 0.00037 (81031605)
365128.56 3766317.50 0.00038 (81022106) 365148.56 3766317.50 0.00036 (81121422)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,
*** 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)
365168.56 3766317.50 0.00036 (81061505) 365188.56 3766317.50 0.00035 (81022601)
365208.56 3766317.50 0.00034 (81051006) 364768.56 3766337.50 0.00054 (81081505)
365128.56 3766337.50 0.00044 (81110622) 365148.56 3766337.50 0.00041 (81120902)
365168.56 3766337.50 0.00043 (81103120) 365188.56 3766337.50 0.00040 (81051003)
365208.56 3766337.50 0.00040 (81020620) 364768.56 3766357.50 0.00050 (81070606)
365208.56 3766357.50 0.00047 (81031106) 364768.56 3766377.50 0.00043 (81111619)
364788.56 3766377.50 0.00042 (81102806) 364808.56 3766377.50 0.00046 (81030120)
364828.56 3766377.50 0.00043 (81060501) 364848.56 3766377.50 0.00047 (81112524)
365208.56 3766377.50 0.00052 (81091703) 364768.56 3766397.50 0.00036 (81031608)
364788.56 3766397.50 0.00037 (81111902) 364808.56 3766397.50 0.00039 (81050807)
364828.56 3766397.50 0.00038 (81122919) 364848.56 3766397.50 0.00041 (81021603)
364868.56 3766397.50 0.00039 (81121903) 364888.56 3766397.50 0.00043 (81121903)
364908.56 3766397.50 0.00040 (81092305) 364928.56 3766397.50 0.00039 (81092305)
365208.56 3766397.50 0.00054 (81121404) 364768.56 3766417.50 0.00030 (81070801)
364788.56 3766417.50 0.00031 (81070801) 364808.56 3766417.50 0.00032 (81070801)
364828.56 3766417.50 0.00033 (81061202) 364848.56 3766417.50 0.00034 (81070724)
364868.56 3766417.50 0.00034 (81111205) 364888.56 3766417.50 0.00036 (81031222)
364908.56 3766417.50 0.00035 (81022323) 364928.56 3766417.50 0.00038 (81030124)
364948.56 3766417.50 0.00036 (81051007) 364968.56 3766417.50 0.00035 (81070403)
364988.56 3766417.50 0.00036 (81082502) 365008.56 3766417.50 0.00038 (81073022)
365208.56 3766417.50 0.00053 (81020220) 364768.56 3766437.50 0.00026 (81031806)
364788.56 3766437.50 0.00027 (81031806) 364808.56 3766437.50 0.00027 (81112705)
364828.56 3766437.50 0.00028 (81120319) 364848.56 3766437.50 0.00029 (81051302)
364868.56 3766437.50 0.00029 (81032521) 364888.56 3766437.50 0.00030 (81110523)
364908.56 3766437.50 0.00031 (81101808) 364928.56 3766437.50 0.00032 (81032521)
364948.56 3766437.50 0.00031 (81110523) 364968.56 3766437.50 0.00033 (81030406)
364988.56 3766437.50 0.00034 (81072619) 365008.56 3766437.50 0.00035 (81092601)
365028.56 3766437.50 0.00039 (81031718) 365048.56 3766437.50 0.00038 (81101102)
365068.56 3766437.50 0.00043 (81072207) 365088.56 3766437.50 0.00042 (81102023)
365188.56 3766437.50 0.00056 (81051922) 365208.56 3766437.50 0.00051 (81021321)
364768.56 3766457.50 0.00023 (81030406) 364788.56 3766457.50 0.00023 (81032208)
364808.56 3766457.50 0.00024 (81092521) 364828.56 3766457.50 0.00024 (81061823)
364848.56 3766457.50 0.00025 (81051621) 364868.56 3766457.50 0.00025 (81112905)
364888.56 3766457.50 0.00026 (81051304) 364908.56 3766457.50 0.00026 (81041903)
364928.56 3766457.50 0.00027 (81082422) 364948.56 3766457.50 0.00027 (81081921)
364968.56 3766457.50 0.00028 (81101905) 364988.56 3766457.50 0.00030 (81010918)
365008.56 3766457.50 0.00032 (81043024) 365028.56 3766457.50 0.00033 (81031104)
365048.56 3766457.50 0.00036 (81091802) 365068.56 3766457.50 0.00037 (81110319)
365088.56 3766457.50 0.00039 (81042120) 365108.56 3766457.50 0.00041 (81102723)
365128.56 3766457.50 0.00042 (81120901) 365148.56 3766457.50 0.00045 (81051620)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** 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)
365168.56	3766457.50	0.00046	(81081222)	365188.56	3766457.50	0.00050	(81032105)
365208.56	3766457.50	0.00048	(81032121)	364743.56	3766232.50	0.00042	(81070406)
364768.56	3766232.50	0.00041	(81030604)	364793.56	3766232.50	0.00038	(81111008)
364818.56	3766232.50	0.00036	(81101206)	364843.56	3766232.50	0.00034	(81122321)
364868.56	3766232.50	0.00031	(81011205)	364893.56	3766232.50	0.00030	(81122006)
364918.56	3766232.50	0.00028	(81040306)	364943.56	3766232.50	0.00026	(81011201)
364968.56	3766232.50	0.00025	(81012102)	364993.56	3766232.50	0.00023	(81020602)
365018.56	3766232.50	0.00022	(81011222)	365043.56	3766232.50	0.00022	(81020324)
365068.56	3766232.50	0.00021	(81101823)	365093.56	3766232.50	0.00021	(81101723)
365118.56	3766232.50	0.00021	(81111624)	365143.56	3766232.50	0.00020	(81052101)
365168.56	3766232.50	0.00020	(81101002)	365193.56	3766232.50	0.00019	(81050403)
365218.56	3766232.50	0.00019	(81030907)	365243.56	3766232.50	0.00019	(81080302)
364743.56	3766257.50	0.00050	(81021003)	365218.56	3766257.50	0.00022	(81122622)
365243.56	3766257.50	0.00021	(81050503)	364743.56	3766282.50	0.00056	(81042105)
365218.56	3766282.50	0.00025	(81012603)	365243.56	3766282.50	0.00025	(81120306)
364743.56	3766307.50	0.00059	(81111020)	365218.56	3766307.50	0.00030	(81060301)
365243.56	3766307.50	0.00029	(81050424)	364743.56	3766332.50	0.00058	(81081505)
365218.56	3766332.50	0.00037	(81021607)	365243.56	3766332.50	0.00037	(81050901)
364743.56	3766357.50	0.00047	(81010319)	365218.56	3766357.50	0.00045	(81082102)
365243.56	3766357.50	0.00045	(81050623)	364743.56	3766382.50	0.00040	(81080406)
365218.56	3766382.50	0.00050	(81010201)	365243.56	3766382.50	0.00053	(81020801)
364743.56	3766407.50	0.00032	(81022323)	365218.56	3766407.50	0.00051	(81030706)
365243.56	3766407.50	0.00056	(81022105)	364743.56	3766432.50	0.00026	(81040524)
365218.56	3766432.50	0.00053	(81040221)	365243.56	3766432.50	0.00055	(81082002)
364743.56	3766457.50	0.00022	(81032521)	365218.56	3766457.50	0.00055	(81100701)
365243.56	3766457.50	0.00051	(81040706)	364743.56	3766482.50	0.00020	(81030324)
364768.56	3766482.50	0.00020	(81082122)	364793.56	3766482.50	0.00020	(81010609)
364818.56	3766482.50	0.00021	(81041903)	364843.56	3766482.50	0.00021	(81081921)
364868.56	3766482.50	0.00022	(81010221)	364893.56	3766482.50	0.00022	(81092724)
364918.56	3766482.50	0.00022	(81041703)	364943.56	3766482.50	0.00023	(81121202)
364968.56	3766482.50	0.00024	(81022218)	364993.56	3766482.50	0.00025	(81081601)
365018.56	3766482.50	0.00027	(81010918)	365043.56	3766482.50	0.00028	(81071621)
365068.56	3766482.50	0.00030	(81090221)	365093.56	3766482.50	0.00032	(81081620)
365118.56	3766482.50	0.00035	(81061103)	365143.56	3766482.50	0.00036	(81071722)
365168.56	3766482.50	0.00040	(81010120)	365193.56	3766482.50	0.00041	(81060322)
365218.56	3766482.50	0.00045	(81071123)	365243.56	3766482.50	0.00044	(81010722)
364718.56	3766207.50	0.00034	(81011924)	364768.56	3766207.50	0.00033	(81101206)
364818.56	3766207.50	0.00029	(81011205)	364868.56	3766207.50	0.00026	(81110308)
364918.56	3766207.50	0.00023	(81022522)	364968.56	3766207.50	0.00021	(81020602)
365018.56	3766207.50	0.00019	(81050804)	365068.56	3766207.50	0.00019	(81101324)

1 *** ISC3P - VERSION 04269 ***

*** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** 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)
365118.56	3766207.50	0.00018	(81111908)	365168.56	3766207.50	0.00018	(81101704)
365218.56	3766207.50	0.00017	(81091306)	365268.56	3766207.50	0.00017	(81010921)
364718.56	3766257.50	0.00046	(81082024)	365268.56	3766257.50	0.00021	(81050123)
364718.56	3766307.50	0.00052	(81010206)	365268.56	3766307.50	0.00028	(81032705)
364718.56	3766357.50	0.00046	(81032802)	365268.56	3766357.50	0.00041	(81032621)
364718.56	3766407.50	0.00031	(81091322)	365268.56	3766407.50	0.00049	(81121919)
364718.56	3766457.50	0.00022	(81031804)	365268.56	3766457.50	0.00046	(81122508)
364718.56	3766507.50	0.00017	(81041903)	364768.56	3766507.50	0.00018	(81062501)
364818.56	3766507.50	0.00018	(81032523)	364868.56	3766507.50	0.00019	(81041305)
364918.56	3766507.50	0.00020	(81032806)	364968.56	3766507.50	0.00021	(81070522)
365018.56	3766507.50	0.00023	(81012301)	365068.56	3766507.50	0.00025	(81032922)
365118.56	3766507.50	0.00028	(81090620)	365168.56	3766507.50	0.00032	(81053122)
365218.56	3766507.50	0.00036	(81010202)	365268.56	3766507.50	0.00036	(81122424)
364668.56	3766157.50	0.00025	(81042007)	364743.56	3766157.50	0.00024	(81011203)
364818.56	3766157.50	0.00021	(81021002)	364893.56	3766157.50	0.00019	(81112922)
364968.56	3766157.50	0.00017	(81050804)	365043.56	3766157.50	0.00015	(81100802)
365118.56	3766157.50	0.00015	(81110305)	365193.56	3766157.50	0.00014	(81011222)
365268.56	3766157.50	0.00014	(81030802)	365343.56	3766157.50	0.00013	(81020701)
364668.56	3766232.50	0.00036	(81030308)	365268.56	3766232.50	0.00018	(81021605)
365343.56	3766232.50	0.00017	(81101421)	364668.56	3766307.50	0.00041	(81083103)
365268.56	3766307.50	0.00028	(81032705)	365343.56	3766307.50	0.00025	(81101702)
364668.56	3766382.50	0.00032	(81042107)	365268.56	3766382.50	0.00046	(81020106)
365343.56	3766382.50	0.00033	(81103022)	364668.56	3766457.50	0.00021	(81051302)
365268.56	3766457.50	0.00046	(81122508)	365343.56	3766457.50	0.00035	(81071902)
364668.56	3766532.50	0.00015	(81010708)	364743.56	3766532.50	0.00016	(81101123)
364818.56	3766532.50	0.00016	(81040623)	364893.56	3766532.50	0.00017	(81010318)
364968.56	3766532.50	0.00018	(81021219)	365043.56	3766532.50	0.00021	(81012605)
365118.56	3766532.50	0.00024	(81090904)	365193.56	3766532.50	0.00028	(81072824)
365268.56	3766532.50	0.00030	(81082724)	365343.56	3766532.50	0.00028	(81072424)
364568.56	3766057.50	0.00017	(81101206)	364668.56	3766057.50	0.00016	(81070401)
364768.56	3766057.50	0.00015	(81011905)	364868.56	3766057.50	0.00013	(81012024)
364968.56	3766057.50	0.00012	(81031205)	365068.56	3766057.50	0.00011	(81011602)
365168.56	3766057.50	0.00011	(81050406)	365268.56	3766057.50	0.00011	(81042707)
365368.56	3766057.50	0.00010	(81110923)	364568.56	3766157.50	0.00022	(81112923)
365368.56	3766157.50	0.00013	(81061422)	364568.56	3766257.50	0.00028	(81111022)
365368.56	3766257.50	0.00019	(81090301)	364568.56	3766357.50	0.00026	(81032802)
365368.56	3766357.50	0.00028	(81091907)	364568.56	3766457.50	0.00018	(81061202)
365368.56	3766457.50	0.00032	(81101906)	364568.56	3766557.50	0.00013	(81041903)
365368.56	3766557.50	0.00025	(81091807)	364568.56	3766657.50	0.00010	(81080407)
364668.56	3766657.50	0.00011	(81012307)	364768.56	3766657.50	0.00011	(81060503)

1 *** ISC3P - VERSION 04269 ***

*** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364868.56	3766657.50	0.00011	(81020202)	364968.56	3766657.50	0.00012	(81032601)
365068.56	3766657.50	0.00013	(81101904)	365168.56	3766657.50	0.00015	(81052323)
365268.56	3766657.50	0.00016	(81081019)	365368.56	3766657.50	0.00017	(81012606)
364268.56	3765757.50	0.00008	(81040303)	364393.56	3765757.50	0.00008	(81022805)
364518.56	3765757.50	0.00008	(81052106)	364643.56	3765757.50	0.00008	(81031404)
364768.56	3765757.50	0.00008	(81111906)	364893.56	3765757.50	0.00007	(81122804)
365018.56	3765757.50	0.00007	(81122705)	365143.56	3765757.50	0.00007	(81121401)
365268.56	3765757.50	0.00007	(81012023)	365393.56	3765757.50	0.00006	(81111724)
365518.56	3765757.50	0.00006	(81050605)	365643.56	3765757.50	0.00006	(81013105)
365768.56	3765757.50	0.00006	(81010907)	364268.56	3765882.50	0.00009	(81111008)
364393.56	3765882.50	0.00010	(81110108)	364518.56	3765882.50	0.00011	(81121503)
364643.56	3765882.50	0.00010	(81112922)	364768.56	3765882.50	0.00010	(81050804)
364893.56	3765882.50	0.00009	(81020802)	365018.56	3765882.50	0.00008	(81121124)
365143.56	3765882.50	0.00008	(81010705)	365268.56	3765882.50	0.00008	(81020403)
365393.56	3765882.50	0.00008	(81101424)	365518.56	3765882.50	0.00007	(81082202)
365643.56	3765882.50	0.00007	(81061802)	365768.56	3765882.50	0.00007	(81101402)
364268.56	3766007.50	0.00011	(81042807)	364393.56	3766007.50	0.00013	(81040607)
364518.56	3766007.50	0.00014	(81122321)	364643.56	3766007.50	0.00014	(81040306)
364768.56	3766007.50	0.00013	(81120407)	364893.56	3766007.50	0.00012	(81111906)
365018.56	3766007.50	0.00010	(81020321)	365143.56	3766007.50	0.00010	(81010707)
365268.56	3766007.50	0.00010	(81111803)	365393.56	3766007.50	0.00009	(81031603)
365518.56	3766007.50	0.00009	(81020324)	365643.56	3766007.50	0.00008	(81061422)
365768.56	3766007.50	0.00008	(81021407)	364268.56	3766132.50	0.00012	(81020723)
364393.56	3766132.50	0.00015	(81042822)	364518.56	3766132.50	0.00019	(81112923)
365518.56	3766132.50	0.00011	(81080302)	365643.56	3766132.50	0.00010	(81071805)
365768.56	3766132.50	0.00009	(81100401)	364268.56	3766257.50	0.00013	(81081922)
364393.56	3766257.50	0.00017	(81100406)	364518.56	3766257.50	0.00024	(81111020)
365518.56	3766257.50	0.00015	(81022601)	365643.56	3766257.50	0.00012	(81092503)
365768.56	3766257.50	0.00010	(81042003)	364268.56	3766382.50	0.00012	(81092922)
364393.56	3766382.50	0.00016	(81080307)	364518.56	3766382.50	0.00021	(81100820)
365518.56	3766382.50	0.00019	(81111924)	365643.56	3766382.50	0.00014	(81051702)
365768.56	3766382.50	0.00011	(81050405)	364268.56	3766507.50	0.00011	(81092823)
364393.56	3766507.50	0.00013	(81061202)	364518.56	3766507.50	0.00015	(81122807)
365518.56	3766507.50	0.00019	(81082002)	365643.56	3766507.50	0.00015	(81033022)
365768.56	3766507.50	0.00011	(81122907)	364268.56	3766632.50	0.00009	(81123106)
364393.56	3766632.50	0.00010	(81010609)	364518.56	3766632.50	0.00011	(81092223)
365518.56	3766632.50	0.00016	(81113006)	365643.56	3766632.50	0.00013	(81081020)
365768.56	3766632.50	0.00011	(81020320)	364268.56	3766757.50	0.00008	(81011618)
364393.56	3766757.50	0.00008	(81070323)	364518.56	3766757.50	0.00008	(81012307)
364643.56	3766757.50	0.00009	(81110120)	364768.56	3766757.50	0.00009	(81122401)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** 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)
364893.56	3766757.50	0.00009	(81062923)	365018.56	3766757.50	0.00010	(81052621)
365143.56	3766757.50	0.00011	(81081407)	365268.56	3766757.50	0.00012	(81110304)
365393.56	3766757.50	0.00013	(81011317)	365518.56	3766757.50	0.00012	(81070303)
365643.56	3766757.50	0.00011	(81051821)	365768.56	3766757.50	0.00010	(81030819)
364268.56	3766882.50	0.00007	(81022308)	364393.56	3766882.50	0.00007	(81033107)
364518.56	3766882.50	0.00007	(81040621)	364643.56	3766882.50	0.00007	(81111907)
364768.56	3766882.50	0.00007	(81102024)	364893.56	3766882.50	0.00008	(81040421)
365018.56	3766882.50	0.00008	(81072401)	365143.56	3766882.50	0.00009	(81041522)
365268.56	3766882.50	0.00009	(81110719)	365393.56	3766882.50	0.00010	(81051320)
365518.56	3766882.50	0.00010	(81032919)	365643.56	3766882.50	0.00009	(81053122)
365768.56	3766882.50	0.00008	(81091120)	364268.56	3767007.50	0.00006	(81112424)
364393.56	3767007.50	0.00006	(81110120)	364518.56	3767007.50	0.00006	(81012003)
364643.56	3767007.50	0.00006	(81042923)	364768.56	3767007.50	0.00006	(81041101)
364893.56	3767007.50	0.00007	(81121704)	365018.56	3767007.50	0.00007	(81102201)
365143.56	3767007.50	0.00007	(81112604)	365268.56	3767007.50	0.00008	(81120618)
365393.56	3767007.50	0.00008	(81011922)	365518.56	3767007.50	0.00008	(81091321)
365643.56	3767007.50	0.00008	(81102221)	365768.56	3767007.50	0.00007	(81081405)
364787.78	3766259.50	0.00047	(81112923)	365206.84	3766357.75	0.00047	(81031821)
365180.28	3766456.25	0.00051	(81020424)	364769.34	3766358.25	0.00050	(81070606)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** 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)
365195.56	3766329.25	0.00032c	(81110208)	365046.69	3766293.00	0.00029c	(81110208)
364925.03	3766265.00	0.00029	(81011208)	364810.06	3766234.50	0.00023	(81011208)
365230.94	3766352.75	0.00033c	(81110208)	365358.03	3766388.00	0.00020	(81032624)
365384.34	3766356.75	0.00015	(81032624)	365410.66	3766309.75	0.00011c	(81110208)
365214.22	3766258.25	0.00018c	(81110208)	365061.88	3766221.00	0.00016c	(81101724)
364950.50	3766192.75	0.00015c	(81122324)	364851.97	3766170.25	0.00013	(81011208)
364936.41	3766071.00	0.00009	(81122224)	365000.66	3766093.75	0.00010	(81122224)
365093.69	3766117.00	0.00010c	(81101508)	365250.94	3766158.50	0.00010	(81011224)
365455.34	3766211.75	0.00009c	(81110208)	364768.56	3766257.50	0.00026	(81030608)
364788.56	3766257.50	0.00026	(81030608)	364808.56	3766257.50	0.00025	(81011208)
364828.56	3766257.50	0.00026	(81011208)	364848.56	3766257.50	0.00028	(81011208)
364868.56	3766257.50	0.00028	(81011208)	364888.56	3766257.50	0.00029	(81011208)
364908.56	3766257.50	0.00027	(81011208)	364928.56	3766257.50	0.00027	(81011208)
364948.56	3766257.50	0.00025c	(81122324)	364968.56	3766257.50	0.00024c	(81122324)
364988.56	3766257.50	0.00023c	(81122324)	365008.56	3766257.50	0.00022c	(81122324)
365028.56	3766257.50	0.00021c	(81122324)	365048.56	3766257.50	0.00021c	(81110208)
365068.56	3766257.50	0.00020c	(81110208)	365088.56	3766257.50	0.00020c	(81110208)
365108.56	3766257.50	0.00020c	(81110208)	365128.56	3766257.50	0.00019c	(81110208)
365148.56	3766257.50	0.00019c	(81110208)	365168.56	3766257.50	0.00019c	(81110208)

365188.56 3766257.50 0.00019c (81110208) Cohigh.POU.txt 365208.56 3766257.50 0.00018c (81110208)
364768.56 3766277.50 0.00027 (81030608) 364868.56 3766277.50 0.00029 (81011208)
364888.56 3766277.50 0.00030 (81011208) 364908.56 3766277.50 0.00030 (81011208)
364928.56 3766277.50 0.00028 (81011208) 364948.56 3766277.50 0.00028 (81011208)
364968.56 3766277.50 0.00027c (81122324) 364988.56 3766277.50 0.00026 (81011208)
365008.56 3766277.50 0.00026c (81110208) 365028.56 3766277.50 0.00026c (81110208)
365048.56 3766277.50 0.00025c (81110208) 365068.56 3766277.50 0.00025c (81110208)
365088.56 3766277.50 0.00024c (81110208) 365108.56 3766277.50 0.00024c (81110208)
365128.56 3766277.50 0.00023c (81110208) 365148.56 3766277.50 0.00023c (81110208)
365168.56 3766277.50 0.00022c (81110208) 365188.56 3766277.50 0.00022c (81110208)
365208.56 3766277.50 0.00021c (81110208) 364768.56 3766297.50 0.00028c (81012908)
364968.56 3766297.50 0.00028 (81011208) 364988.56 3766297.50 0.00029c (81110208)
365008.56 3766297.50 0.00027c (81110208) 365028.56 3766297.50 0.00029c (81110208)
365048.56 3766297.50 0.00030c (81110208) 365068.56 3766297.50 0.00029c (81110208)
365088.56 3766297.50 0.00029c (81110208) 365108.56 3766297.50 0.00029c (81110208)
365128.56 3766297.50 0.00028c (81110208) 365148.56 3766297.50 0.00027c (81110208)
365168.56 3766297.50 0.00026c (81110208) 365188.56 3766297.50 0.00026c (81110208)
365208.56 3766297.50 0.00025c (81110208) 364768.56 3766317.50 0.00030c (81012908)
365048.56 3766317.50 0.00029c (81110208) 365068.56 3766317.50 0.00031c (81110208)
365088.56 3766317.50 0.00032c (81110208) 365108.56 3766317.50 0.00031c (81110208)
365128.56 3766317.50 0.00032c (81110208) 365148.56 3766317.50 0.00032c (81110208)
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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 29

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,
*** 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)
365168.56	3766317.50	0.00031c	(81110208)	365188.56	3766317.50	0.00030c	(81110208)
365208.56	3766317.50	0.00029c	(81110208)	364768.56	3766337.50	0.00031 (81030108)	
365128.56	3766337.50	0.00033c	(81110208)	365148.56	3766337.50	0.00032c (81110208)	
365168.56	3766337.50	0.00033c	(81110208)	365188.56	3766337.50	0.00031c (81110208)	
365208.56	3766337.50	0.00032c	(81110208)	364768.56	3766357.50	0.00033 (81030108)	
365208.56	3766357.50	0.00032c	(81110208)	364768.56	3766377.50	0.00030c (81123108)	
364788.56	3766377.50	0.00028c	(81123108)	364808.56	3766377.50	0.00031 (81030108)	
364828.56	3766377.50	0.00029 (81030108)		364848.56	3766377.50	0.00032 (81030108)	
365208.56	3766377.50	0.00035 (81032624)		364768.56	3766397.50	0.00028c (81123108)	
364788.56	3766397.50	0.00029c (81123108)		364808.56	3766397.50	0.00029c (81123108)	
364828.56	3766397.50	0.00029c (81123108)		364848.56	3766397.50	0.00030c (81123108)	
364868.56	3766397.50	0.00028c (81123108)		364888.56	3766397.50	0.00029c (81123108)	
364908.56	3766397.50	0.00028c (81010308)		364928.56	3766397.50	0.00030c (81010308)	
365208.56	3766397.50	0.00034 (81032624)		364768.56	3766417.50	0.00024c (81123108)	
364788.56	3766417.50	0.00025c (81123108)		364808.56	3766417.50	0.00026c (81123108)	
364828.56	3766417.50	0.00026c (81123108)		364848.56	3766417.50	0.00027c (81123108)	
364868.56	3766417.50	0.00027c (81123108)		364888.56	3766417.50	0.00028c (81123108)	
364908.56	3766417.50	0.00027c (81022324)		364928.56	3766417.50	0.00029c (81123108)	
364948.56	3766417.50	0.00028c (81022324)		364968.56	3766417.50	0.00028c (81090624)	
364988.56	3766417.50	0.00029c (81010308)		365008.56	3766417.50	0.00031c (81051924)	
365208.56	3766417.50	0.00032c (81122108)		364768.56	3766437.50	0.00021c (81123108)	
364788.56	3766437.50	0.00021c (81123108)		364808.56	3766437.50	0.00022c (81123108)	
364828.56	3766437.50	0.00022c (81123108)		364848.56	3766437.50	0.00023c (81123108)	
364868.56	3766437.50	0.00024c (81123108)		364888.56	3766437.50	0.00024c (81123108)	
364908.56	3766437.50	0.00025 (81030408)		364928.56	3766437.50	0.00025 (81030408)	
364948.56	3766437.50	0.00026c (81030324)		364968.56	3766437.50	0.00027 (81031524)	
364988.56	3766437.50	0.00027c (81032924)		365008.56	3766437.50	0.00027c (81090624)	
365028.56	3766437.50	0.00030c (81090624)		365048.56	3766437.50	0.00030c (81051924)	
365068.56	3766437.50	0.00034c (81051924)		365088.56	3766437.50	0.00032c (81051924)	
365188.56	3766437.50	0.00036c (81051924)		365208.56	3766437.50	0.00032c (81051924)	
364768.56	3766457.50	0.00018c (81123108)		364788.56	3766457.50	0.00018c (81123108)	
364808.56	3766457.50	0.00019c (81123108)		364828.56	3766457.50	0.00019c (81123108)	
364848.56	3766457.50	0.00019 (81030408)		364868.56	3766457.50	0.00020 (81030408)	
364888.56	3766457.50	0.00021 (81030408)		364908.56	3766457.50	0.00021 (81021424)	
364928.56	3766457.50	0.00022 (81021424)		364948.56	3766457.50	0.00023 (81021424)	
364968.56	3766457.50	0.00024 (81021424)		364988.56	3766457.50	0.00025 (81031524)	
365008.56	3766457.50	0.00026 (81031524)		365028.56	3766457.50	0.00027 (81031524)	
365048.56	3766457.50	0.00029 (81031524)		365068.56	3766457.50	0.00029c (81090624)	
365088.56	3766457.50	0.00030c (81090624)		365108.56	3766457.50	0.00031c (81090624)	
365128.56	3766457.50	0.00032c (81051924)		365148.56	3766457.50	0.00035c (81051924)	

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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 30

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,
*** 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)
365168.56	3766457.50	0.00035c (81051924)		365188.56	3766457.50	0.00037c (81051924)	
365208.56	3766457.50	0.00034c (81051924)		364743.56	3766232.50	0.00021 (81030608)	
364768.56	3766232.50	0.00022 (81011208)		364793.56	3766232.50	0.00022 (81011208)	
364818.56	3766232.50	0.00023 (81011208)		364843.56	3766232.50	0.00024 (81011208)	
364868.56	3766232.50	0.00024 (81011208)		364893.56	3766232.50	0.00023 (81011208)	
364918.56	3766232.50	0.00022 (81011208)		364943.56	3766232.50	0.00021c (81122324)	
364968.56	3766232.50	0.00020c (81122324)		364993.56	3766232.50	0.00019c (81122324)	
365018.56	3766232.50	0.00018c (81122324)		365043.56	3766232.50	0.00017c (81101724)	
365068.56	3766232.50	0.00017c (81101724)		365093.56	3766232.50	0.00017c (81101724)	
365118.56	3766232.50	0.00016c (81101724)		365143.56	3766232.50	0.00016c (81101724)	
365168.56	3766232.50	0.00016c (81110208)		365193.56	3766232.50	0.00015c (81110208)	
365218.56	3766232.50	0.00015c (81110208)		365243.56	3766232.50	0.00015c (81110208)	
364743.56	3766257.50	0.00027 (81030608)		365218.56	3766257.50	0.00018c (81110208)	
365243.56	3766257.50	0.00017c (81110208)		364743.56	3766282.50	0.00029 (81030608)	
365218.56	3766282.50	0.00022c (81110208)		365243.56	3766282.50	0.00021c (81110208)	
364743.56	3766307.50	0.00033c (81012908)		365218.56	3766307.50	0.00027c (81110208)	
365243.56	3766307.50	0.00025c (81110208)		364743.56	3766332.50	0.00033 (81030108)	
365218.56	3766332.50	0.00032c (81110208)		365243.56	3766332.50	0.00029c (81110208)	
364743.56	3766357.50	0.00031 (81030108)		365218.56	3766357.50	0.00032c (81110208)	
365243.56	3766357.50	0.00031c (81110208)		364743.56	3766382.50	0.00028c (81123108)	
365218.56	3766382.50	0.00033c (81010624)		365243.56	3766382.50	0.00035 (81032624)	
364743.56	3766407.50	0.00024c (81123108)		365218.56	3766407.50	0.00031 (81032624)	
365243.56	3766407.50	0.00035 (81032624)		364743.56	3766432.50	0.00021c (81123108)	
365218.56	3766432.50	0.00032c (81051924)		365243.56	3766432.50	0.00031c (81122108)	
364743.56	3766457.50	0.00018c (81123108)		365218.56	3766457.50	0.00038c (81051924)	

365243.56 3766457.50 0.00032c (81051924) Cohigh.POU.txt 364743.56 3766482.50 0.00015c (81123108)

364768.56 3766482.50 0.00015c (81123108) 364793.56 3766482.50 0.00015c (81123108)

364818.56 3766482.50 0.00016 (81030408) 364843.56 3766482.50 0.00016 (81030408)

364868.56 3766482.50 0.00017 (81030408) 364893.56 3766482.50 0.00018 (81021424)

364918.56 3766482.50 0.00019 (81021424) 364943.56 3766482.50 0.00020 (81021424)

364968.56 3766482.50 0.00020 (81021424) 364993.56 3766482.50 0.00021 (81021424)

365018.56 3766482.50 0.00022 (81031524) 365043.56 3766482.50 0.00024 (81031524)

365068.56 3766482.50 0.00025 (81031524) 365093.56 3766482.50 0.00026 (81031524)

365118.56 3766482.50 0.00027c (81090624) 365143.56 3766482.50 0.00029c (81090624)

365168.56 3766482.50 0.00031c (81090624) 365193.56 3766482.50 0.00031c (81051924)

365218.56 3766482.50 0.00034c (81051924) 365243.56 3766482.50 0.00031c (81051924)

364718.56 3766207.50 0.00016 (81030608) 364768.56 3766207.50 0.00018 (81011208)

364818.56 3766207.50 0.00018 (81011208) 364868.56 3766207.50 0.00018 (81011208)

364918.56 3766207.50 0.00017 (81011208) 364968.56 3766207.50 0.00017c (81122324)

365018.56 3766207.50 0.00016c (81101508) 365068.56 3766207.50 0.00015c (81101724)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,

L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,

L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** 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)
365118.56	3766207.50	0.00015c	(81101724)	365168.56	3766207.50	0.00014c	(81101724)
365218.56	3766207.50	0.00013c	(81110208)	365268.56	3766207.50	0.00012c	(81110208)
364718.56	3766257.50	0.00022	(81030608)	365268.56	3766257.50	0.00017c	(81110208)
364718.56	3766307.50	0.00028c	(81012908)	365268.56	3766307.50	0.00022c	(81110208)
364718.56	3766357.50	0.00030	(81030108)	365268.56	3766357.50	0.00025c	(81050908)
364718.56	3766407.50	0.00022c	(81123108)	365268.56	3766407.50	0.00030	(81032624)
364718.56	3766457.50	0.00017c	(81123108)	365268.56	3766457.50	0.00026c	(81051924)
364718.56	3766507.50	0.00012c	(81123108)	364768.56	3766507.50	0.00012c	(81123108)
364818.56	3766507.50	0.00013	(81030408)	364868.56	3766507.50	0.00014	(81030408)
364918.56	3766507.50	0.00016	(81021424)	364968.56	3766507.50	0.00017	(81021424)
365018.56	3766507.50	0.00018	(81031524)	365068.56	3766507.50	0.00020	(81031524)
365118.56	3766507.50	0.00022c	(81032924)	365168.56	3766507.50	0.00025c	(81090624)
365218.56	3766507.50	0.00027c	(81090624)	365268.56	3766507.50	0.00024c	(81051924)
364668.56	3766157.50	0.00011	(81011208)	364743.56	3766157.50	0.00012	(81011208)
364818.56	3766157.50	0.00011	(81011208)	364893.56	3766157.50	0.00012	(81122224)
364968.56	3766157.50	0.00012	(81122224)	365043.56	3766157.50	0.00012c	(81101508)
365118.56	3766157.50	0.00012c	(81101508)	365193.56	3766157.50	0.00010c	(81101724)
365268.56	3766157.50	0.00010	(81011224)	365343.56	3766157.50	0.00009c	(81110208)
364668.56	3766232.50	0.00015	(81030608)	365268.56	3766232.50	0.00014c	(81110208)
365343.56	3766232.50	0.00012c	(81110208)	364668.56	3766307.50	0.00021c	(81012908)
365268.56	3766307.50	0.00022c	(81110208)	365343.56	3766307.50	0.00016c	(81110208)
364668.56	3766382.50	0.00021	(81030108)	365268.56	3766382.50	0.00030	(81032624)
365343.56	3766382.50	0.00021	(81032624)	364668.56	3766457.50	0.00014c	(81123108)
365268.56	3766457.50	0.00026c	(81051924)	365343.56	3766457.50	0.00016c	(81122108)
364668.56	3766532.50	0.00010c	(81123108)	364743.56	3766532.50	0.00011c	(81102108)
364818.56	3766532.50	0.00011c	(81102108)	364893.56	3766532.50	0.00013	(81021424)
364968.56	3766532.50	0.00015	(81021424)	365043.56	3766532.50	0.00016	(81031524)
365118.56	3766532.50	0.00019c	(81032924)	365193.56	3766532.50	0.00021c	(81032924)
365268.56	3766532.50	0.00021c	(81101108)	365343.56	3766532.50	0.00017c	(81031424)
364568.56	3766057.50	0.00007	(81011208)	364668.56	3766057.50	0.00008	(81011208)
364768.56	3766057.50	0.00006	(81011208)	364868.56	3766057.50	0.00007	(81020808)
364968.56	3766057.50	0.00009	(81122224)	365068.56	3766057.50	0.00009	(81122224)
365168.56	3766057.50	0.00008	(81122224)	365268.56	3766057.50	0.00007	(81103008)
365368.56	3766057.50	0.00006c	(81100508)	364568.56	3766157.50	0.00008	(81030608)
365368.56	3766157.50	0.00008c	(81080308)	364568.56	3766257.50	0.00012c	(81012908)
365368.56	3766257.50	0.00012c	(81110208)	364568.56	3766357.50	0.00015	(81030108)
365368.56	3766357.50	0.00016	(81032624)	364568.56	3766457.50	0.00010c	(81123108)
365368.56	3766457.50	0.00014c	(81122108)	364568.56	3766557.50	0.00007c	(81123108)
365368.56	3766557.50	0.00015c	(81101108)	364568.56	3766657.50	0.00006c	(81102108)
364668.56	3766657.50	0.00006c	(81102108)	364768.56	3766657.50	0.00007c	(81112424)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,

L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,

L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** 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)
364868.56	3766657.50	0.00007c	(81112424)	364968.56	3766657.50	0.00007c	(81021408)
365068.56	3766657.50	0.00008	(81021424)	365168.56	3766657.50	0.00011c	(81050224)
365268.56	3766657.50	0.00011c	(81050224)	365368.56	3766657.50	0.00010c	(81090624)
364268.56	3765757.50	0.00003	(81011208)	364393.56	3765757.50	0.00004	(81011208)
364518.56	3765757.50	0.00003	(81011208)	364643.56	3765757.50	0.00002	(81020808)
364768.56	3765757.50	0.00003	(81020808)	364893.56	3765757.50	0.00003	(81020808)
365018.56	3765757.50	0.00004	(81122224)	365143.56	3765757.50	0.00005	(81122224)
365268.56	3765757.50	0.00004	(81103008)	365393.56	3765757.50	0.00004	(81103008)
365518.56	3765757.50	0.00003c	(81100508)	365643.56	3765757.50	0.00003c	(81122324)
365768.56	3765757.50	0.00003c	(81122324)	364268.56	3765882.50	0.00003	(81030608)
364393.56	3765882.50	0.00004	(81011208)	364518.56	3765882.50	0.00005	(81011208)
364643.56	3765882.50	0.00003	(81011208)	364768.56	3765882.50	0.00004	(81020808)
364893.56	3765882.50	0.00004	(81020808)	365018.56	3765882.50	0.00005	(81122224)
365143.56	3765882.50	0.00006	(81122224)	365268.56	3765882.50	0.00005	(81103008)
365393.56	3765882.50	0.00004c	(81100508)	365518.56	3765882.50	0.00004c	(81100508)
365643.56	3765882.50	0.00003c	(81122324)	365768.56	3765882.50	0.00003c	(81110208)
364268.56	3766007.50	0.00003c	(81112924)	364393.56	3766007.50	0.00005	(81030608)
364518.56	3766007.50	0.00006	(81011208)	364643.56	3766007.50	0.00007	(81011208)
364768.56	3766007.50	0.00005	(81020808)	364893.56	3766007.50	0.00006	(81020808)
365018.56	3766007.50	0.00008	(81122224)	365143.56	3766007.50	0.00008	(81122224)
365268.56	3766007.50	0.00006	(81103008)	365393.56	3766007.50	0.00006c	(81100508)
365518.56	3766007.50	0.00005c	(81080308)	365643.56	3766007.50	0.00004c	(81110208)
365768.56	3766007.50	0.00004c	(81110208)	364268.56	3766132.50	0.00004	(81030208)
364393.56	3766132.50	0.00004c	(81112924)	364518.56	3766132.50	0.00007	(81030608)
365518.56	3766132.50	0.00006c	(81110208)	365643.56	3766132.50	0.00005c	(81110208)
365768.56	3766132.50	0.00003c	(81110208)	364268.56	3766257.50	0.00005c	(81012908)
364393.56	3766257.50	0.00007c	(81012908)	364518.56	3766257.50	0.00010c	(81012908)
365518.56	3766257.50	0.00007c	(81110208)	365643.56	3766257.50	0.00005c	(81071808)
365768.56	3766257.50	0.00004c	(81071808)	364268.56	3766382.50	0.00006	(81030108)
364393.56	3766382.50	0.00009	(81030108)	364518.56	3766382.50	0.00013	(81030108)
365518.56	3766382.50	0.00011	(81032624)	365643.56	3766382.50	0.00008	(81032624)

365768.56 3766382.50 0.00006 (81032624) Cohigh.POU.txt 364268.56 3766507.50 0.00005 (81030108)
364393.56 3766507.50 0.00006c (81123108) 364518.56 3766507.50 0.00008c (81123108)
365518.56 3766507.50 0.00007c (81020424) 365643.56 3766507.50 0.00006c (81012608)
365768.56 3766507.50 0.00005c (81122108) 364268.56 3766632.50 0.00004c (81123108)
364393.56 3766632.50 0.00004c (81083108) 364518.56 3766632.50 0.00006c (81102108)
365518.56 3766632.50 0.00009c (81031424) 365643.56 3766632.50 0.00006c (81031424)
365768.56 3766632.50 0.00003c (81020424) 364268.56 3766757.50 0.00003c (81081108)
364393.56 3766757.50 0.00004c (81081108) 364518.56 3766757.50 0.00004c (81102108)
364643.56 3766757.50 0.00004c (81102108) 364768.56 3766757.50 0.00005c (81112424)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009093, L0009094, L0009095, L0009096, L0009097, L0009098, L0009099,
L0009100, L0009101, L0009102, L0009103, L0009104, L0009105, L0009106, L0009107, L0009108, L0009109, L0009110, L0009111,
L0009112, L0009113, L0009114, L0009115, L0009116, L0009117, L0009118, L0009119, L0009120, L0009121, L0009122, . . . ,

*** 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)
364893.56	3766757.50	0.00004c	(81021408)	365018.56	3766757.50	0.00005c	(81021408)
365143.56	3766757.50	0.00006c	(81050224)	365268.56	3766757.50	0.00008c	(81050224)
365393.56	3766757.50	0.00007c	(81050224)	365518.56	3766757.50	0.00007c	(81080824)
365643.56	3766757.50	0.00006c	(81101108)	365768.56	3766757.50	0.00005c	(81031424)
364268.56	3766882.50	0.00003c	(81081108)	364393.56	3766882.50	0.00003c	(81081108)
364518.56	3766882.50	0.00003c	(81102108)	364643.56	3766882.50	0.00003	(81021724)
364768.56	3766882.50	0.00003	(81021724)	364893.56	3766882.50	0.00003c	(81121708)
365018.56	3766882.50	0.00004c	(81020308)	365143.56	3766882.50	0.00004c	(81020308)
365268.56	3766882.50	0.00005c	(81050224)	365393.56	3766882.50	0.00006c	(81050224)
365518.56	3766882.50	0.00005c	(81032924)	365643.56	3766882.50	0.00005c	(81080824)
365768.56	3766882.50	0.00005c	(81080824)	364268.56	3767007.50	0.00002c	(81081108)
364393.56	3767007.50	0.00002c	(81102108)	364518.56	3767007.50	0.00002	(81021724)
364643.56	3767007.50	0.00002	(81021724)	364768.56	3767007.50	0.00002	(81021724)
364893.56	3767007.50	0.00003c	(81121708)	365018.56	3767007.50	0.00003c	(81020308)
365143.56	3767007.50	0.00003c	(81020308)	365268.56	3767007.50	0.00003c	(81032824)
365393.56	3767007.50	0.00004c	(81050224)	365518.56	3767007.50	0.00004c	(81050224)
365643.56	3767007.50	0.00004c	(81032924)	365768.56	3767007.50	0.00003c	(81080824)
364787.78	3766259.50	0.00026	(81030608)	365206.84	3766357.75	0.00033c	(81110208)
365180.28	3766456.25	0.00038c	(81051924)	364769.34	3766358.25	0.00033	(81030108)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF CO		IN MICROGRAMS/M**3		**	
GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID	
ALL	1ST HIGHEST VALUE IS	0.00013 AT (365068.56, 3766437.50, 0.00, 0.00)	DC	NA	
	2ND HIGHEST VALUE IS	0.00013 AT (365008.56, 3766417.50, 0.00, 0.00)	DC	NA	
	3RD HIGHEST VALUE IS	0.00013 AT (365028.56, 3766437.50, 0.00, 0.00)	DC	NA	
	4TH HIGHEST VALUE IS	0.00013 AT (364928.56, 3766397.50, 0.00, 0.00)	DC	NA	
	5TH HIGHEST VALUE IS	0.00013 AT (365048.56, 3766437.50, 0.00, 0.00)	DC	NA	
	6TH HIGHEST VALUE IS	0.00013 AT (364988.56, 3766417.50, 0.00, 0.00)	DC	NA	

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

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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

** CONC OF CO		IN MICROGRAMS/M**3		**	
GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.00059 ON 81111020:	AT (364743.56, 3766307.50, 0.00, 0.00)	DC	NA

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

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO		IN MICROGRAMS/M**3		**	
GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.00038c ON 81051924:	AT (365218.56, 3766457.50, 0.00, 0.00)	DC	NA

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

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DFAULT Cohigh.POU.txt

*** Message Summary : ISC3P Model Execution ***

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

A Total of	0	Fatal Error Message(s)
A Total of	0	Warning Message(s)
A Total of	1673	Informational Message(s)
A Total of	1673	Calm Hours Identified

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

***** WARNING MESSAGES *****
*** NONE ***

*** ISC3P Finishes Successfully ***

NO2

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**
*****
**
** ISC-PRIME Input Produced by:
** AERMOD View Ver. 6.0.0
** Lakes Environmental Software Inc.
** Date: 8/31/2009
** File: C:\AERMOD Projects\EXPO\Expo LST\ISC3 runs\Highest\NOx\NOxHigh.PIN
**
*****
**
**
*****
** ISC-PRIME Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc
  MODELOPT DFAULT CONC URBAN
  AVERTIME 1 ANNUAL
  POLLUTID NOX
  TERRHGTs FLAT
  RUNORNOT RUN
CO FINISHED
**
*****
** ISC-PRIME Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE1
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 5.15E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364785.07, 3766272.26, 0.00, 5.00, 0.0
** 365204.52, 3766371.86, 0.00, 5.00, 17.38
** -----
** LOCATION L0009153 VOLUME 364794.793 3766274.558
** LOCATION L0009154 VOLUME 364831.157 3766283.184
** LOCATION L0009155 VOLUME 364867.521 3766291.810
** LOCATION L0009156 VOLUME 364903.886 3766300.435
** LOCATION L0009157 VOLUME 364940.250 3766309.061
** LOCATION L0009158 VOLUME 364976.615 3766317.687
** LOCATION L0009159 VOLUME 365012.979 3766326.313
** LOCATION L0009160 VOLUME 365049.344 3766334.939
** LOCATION L0009161 VOLUME 365085.708 3766343.565
** LOCATION L0009162 VOLUME 365122.072 3766352.190
** LOCATION L0009163 VOLUME 365158.437 3766360.816
** LOCATION L0009164 VOLUME 365194.801 3766369.442
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE2
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 5.15E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364781.36, 3766292.87, 0.00, 5.00, 0.0
** 365201.75, 3766392.48, 0.00, 5.00, 17.42
** -----
** LOCATION L0009165 VOLUME 364791.105 3766295.059
** LOCATION L0009166 VOLUME 364827.552 3766303.707
** LOCATION L0009167 VOLUME 364863.999 3766312.356
** LOCATION L0009168 VOLUME 364900.445 3766321.004
** LOCATION L0009169 VOLUME 364936.892 3766329.652
** LOCATION L0009170 VOLUME 364973.339 3766338.301
** LOCATION L0009171 VOLUME 365009.786 3766346.949
** LOCATION L0009172 VOLUME 365046.233 3766355.598
** LOCATION L0009173 VOLUME 365082.680 3766364.246
** LOCATION L0009174 VOLUME 365119.126 3766372.894
** LOCATION L0009175 VOLUME 365155.573 3766381.543
** LOCATION L0009176 VOLUME 365192.020 3766390.191
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE3
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 5.15E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364778.52, 3766312.48, 0.00, 5.00, 0.0
** 365197.51, 3766411.14, 0.00, 5.00, 17.36
** -----
** LOCATION L0009177 VOLUME 364788.265 3766314.794
** LOCATION L0009178 VOLUME 364824.583 3766323.354
** LOCATION L0009179 VOLUME 364860.901 3766331.914
** LOCATION L0009180 VOLUME 364897.220 3766340.475
** LOCATION L0009181 VOLUME 364933.538 3766349.035
** LOCATION L0009182 VOLUME 364969.856 3766357.595
** LOCATION L0009183 VOLUME 365006.175 3766366.155
** LOCATION L0009184 VOLUME 365042.493 3766374.715
** LOCATION L0009185 VOLUME 365078.812 3766383.275
** LOCATION L0009186 VOLUME 365115.130 3766391.836
** LOCATION L0009187 VOLUME 365151.448 3766400.396
** LOCATION L0009188 VOLUME 365187.767 3766408.956
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE4
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 5.15E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2

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** 364774.31, 3766331.61, 0.00, 5.00, 0.0
** 365193.30, 3766430.75, 0.00, 5.00, 17.36
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LOCATION L0009189 VOLUME 364784.043 3766333.805
LOCATION L0009190 VOLUME 364820.362 3766342.409
LOCATION L0009191 VOLUME 364856.681 3766351.012
LOCATION L0009192 VOLUME 364893.000 3766359.616
LOCATION L0009193 VOLUME 364929.319 3766368.220
LOCATION L0009194 VOLUME 364965.637 3766376.823
LOCATION L0009195 VOLUME 365001.956 3766385.427
LOCATION L0009196 VOLUME 365038.275 3766394.030
LOCATION L0009197 VOLUME 365074.594 3766402.634
LOCATION L0009198 VOLUME 365110.913 3766411.238
LOCATION L0009199 VOLUME 365147.232 3766419.841
LOCATION L0009200 VOLUME 365183.551 3766428.445
** End of Line Source
** Line Source represented by Separated Volume Sources
**
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LINE Source ID = SLINES
DESCRSRC
** Length of Side = 20.00
** Emission Rate = 5.15E-07
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364771.54, 3766348.80, 0.00, 5.00, 0.0
** 365190.53, 3766448.40, 0.00, 5.00, 17.37
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LOCATION L0009201 VOLUME 364781.259 3766351.066
LOCATION L0009202 VOLUME 364817.582 3766359.713
LOCATION L0009203 VOLUME 364853.904 3766368.360
LOCATION L0009204 VOLUME 364890.226 3766377.007
LOCATION L0009205 VOLUME 364926.548 3766385.654
LOCATION L0009206 VOLUME 364962.870 3766394.301
LOCATION L0009207 VOLUME 364999.192 3766402.949
LOCATION L0009208 VOLUME 365035.514 3766411.596
LOCATION L0009209 VOLUME 365071.837 3766420.243
LOCATION L0009210 VOLUME 365108.159 3766428.890
LOCATION L0009211 VOLUME 365144.481 3766437.537
LOCATION L0009212 VOLUME 365180.803 3766446.184
** End of Line Source
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SRCPARAM L0009211 4.2917E-08 5.00 17.37 2.33
SRCPARAM L0009212 4.2917E-08 5.00 17.37 2.33
SRCGROUP ALL
SO FINISHED
**
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** ISC-PRIME Receptor Pathway
*****
**
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RE STARTING
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DISCCART 365046.70 3766293.15
DISCCART 364925.03 3766265.02
DISCCART 364810.05 3766234.54
DISCCART 365230.92 3766352.80
DISCCART 365358.03 3766388.07

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DISCCART 365410.66 3766309.74
DISCCART 365214.23 3766258.34
DISCCART 365061.86 3766221.01
DISCCART 364950.49 3766192.86
DISCCART 364851.97 3766170.22
DISCCART 364936.41 3766071.09
DISCCART 365000.67 3766093.73
DISCCART 365093.68 3766116.99
DISCCART 365250.94 3766158.60
DISCCART 365455.33 3766211.83
** BEGIN OF NESTED GRID RECEPTORS

** Nested Grid ID = NSTD2
** Grid Count = 5
** Receptor Count = 417
** X Origin of Bounding Box = 364768.57
** Y Origin of Bounding Box = 3766257.55
** X Size of Bounding Box = 440.00
** Y Size of Bounding Box = 200.00
** Grid #1: Distance from Bounding Box = 25.00 Spacing = 25.00
** Grid #2: Distance from Bounding Box = 50.00 Spacing = 50.00
** Grid #3: Distance from Bounding Box = 100.00 Spacing = 75.00
** Grid #4: Distance from Bounding Box = 200.00 Spacing = 100.00
** Grid #5: Distance from Bounding Box = 500.00 Spacing = 125.00
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DISCCART 364828.57 3766257.55
DISCCART 364848.57 3766257.55
DISCCART 364868.57 3766257.55
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DISCCART 364928.57 3766257.55
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DISCCART 365068.57 3766257.55
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DISCCART 365643.57 3767007.55
DISCCART 365768.57 3767007.55
** -----
** END OF NESTED GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name SITE
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART 364787.78 3766259.45
DISCCART 365206.82 3766357.85
DISCCART 365180.28 3766456.25
DISCCART 364769.34 3766358.20
RE FINISHED
**
*****
** ISC-PRIME Meteorology Pathway
*****
**
**
ME STARTING
INPUTFIL C:\AERMOD~1\METDAT~1\WESTLA.ASC
ANEMHGH 97 METERS
SURFDATA 52158 1981
UAIRDATA 91919 1981
ME FINISHED
**
*****
** ISC-PRIME Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST

```

RECTABLE 1 1ST
 ** Auto-Generated Plotfiles
 PLOTFILE 1 ALL 1ST NOXHIGH.PR\01H1GALL.PLT
 PLOTFILE ANNUAL ALL NOXHIGH.PR\AN00GALL.PLT
 OU FINISHED

 *** SETUP Finishes Successfully ***

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PAGE 1

**MODELOPTS: CONC URBAN FLAT DEFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --
 **Model Uses NO DRY DEPLETION. DDPLETE = F
 **Model Uses NO WET DEPLETION. WDPLETE = F
 **NO WET SCAVENGING Data Provided.
 **Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations
 **Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
 1. Final Plume Rise.
 2. Stack-tip Downwash.
 3. Buoyancy-induced Dispersion.
 4. Use Calms Processing Routine.
 5. Not Use Missing Data Processing Routine.
 6. Default wind Profile Exponents.
 7. Default Vertical Potential Temperature Gradients.
 8. "Upper Bound" values for Supersquat Buildings.
 9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 60 Source(s); 1 Source Group(s); and 438 Receptor(s)

**The Model Assumes A Pollutant Type of: NOX

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

**Output Options Selected:
 Model Outputs Tables of ANNUAL Averages by Receptor
 Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
 Model Outputs External File(s) of High values for Plotting (PLOTFILE Keyword)

**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: Anem. Hgt. (m) = 97.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0009153	0	0.42917E-07	364794.8	3766274.5	0.0	5.00	17.38	2.33	
L0009154	0	0.42917E-07	364831.2	3766283.0	0.0	5.00	17.38	2.33	
L0009155	0	0.42917E-07	364867.5	3766291.8	0.0	5.00	17.38	2.33	
L0009156	0	0.42917E-07	364903.9	3766300.5	0.0	5.00	17.38	2.33	
L0009157	0	0.42917E-07	364940.2	3766309.0	0.0	5.00	17.38	2.33	
L0009158	0	0.42917E-07	364976.6	3766317.5	0.0	5.00	17.38	2.33	
L0009159	0	0.42917E-07	365013.0	3766326.2	0.0	5.00	17.38	2.33	
L0009160	0	0.42917E-07	365049.3	3766335.0	0.0	5.00	17.38	2.33	
L0009161	0	0.42917E-07	365085.7	3766343.5	0.0	5.00	17.38	2.33	
L0009162	0	0.42917E-07	365122.1	3766352.0	0.0	5.00	17.38	2.33	
L0009163	0	0.42917E-07	365158.4	3766360.8	0.0	5.00	17.38	2.33	
L0009164	0	0.42917E-07	365194.8	3766369.5	0.0	5.00	17.38	2.33	
L0009165	0	0.42917E-07	364791.1	3766295.0	0.0	5.00	17.42	2.33	
L0009166	0	0.42917E-07	364827.6	3766303.8	0.0	5.00	17.42	2.33	
L0009167	0	0.42917E-07	364864.0	3766312.2	0.0	5.00	17.42	2.33	
L0009168	0	0.42917E-07	364900.4	3766321.0	0.0	5.00	17.42	2.33	
L0009169	0	0.42917E-07	364936.9	3766329.5	0.0	5.00	17.42	2.33	
L0009170	0	0.42917E-07	364973.3	3766338.2	0.0	5.00	17.42	2.33	
L0009171	0	0.42917E-07	365009.8	3766347.0	0.0	5.00	17.42	2.33	
L0009172	0	0.42917E-07	365046.2	3766355.5	0.0	5.00	17.42	2.33	
L0009173	0	0.42917E-07	365082.7	3766364.2	0.0	5.00	17.42	2.33	
L0009174	0	0.42917E-07	365119.1	3766372.8	0.0	5.00	17.42	2.33	
L0009175	0	0.42917E-07	365155.6	3766381.5	0.0	5.00	17.42	2.33	
L0009176	0	0.42917E-07	365192.0	3766390.0	0.0	5.00	17.42	2.33	
L0009177	0	0.42917E-07	364788.2	3766314.8	0.0	5.00	17.36	2.33	
L0009178	0	0.42917E-07	364824.6	3766323.2	0.0	5.00	17.36	2.33	
L0009179	0	0.42917E-07	364860.9	3766332.0	0.0	5.00	17.36	2.33	
L0009180	0	0.42917E-07	364897.2	3766340.5	0.0	5.00	17.36	2.33	
L0009181	0	0.42917E-07	364933.5	3766349.0	0.0	5.00	17.36	2.33	
L0009182	0	0.42917E-07	364969.9	3766357.5	0.0	5.00	17.36	2.33	
L0009183	0	0.42917E-07	365006.2	3766366.0	0.0	5.00	17.36	2.33	
L0009184	0	0.42917E-07	365042.5	3766374.8	0.0	5.00	17.36	2.33	
L0009185	0	0.42917E-07	365078.8	3766383.2	0.0	5.00	17.36	2.33	
L0009186	0	0.42917E-07	365115.1	3766391.8	0.0	5.00	17.36	2.33	
L0009187	0	0.42917E-07	365151.4	3766400.2	0.0	5.00	17.36	2.33	
L0009188	0	0.42917E-07	365187.8	3766409.0	0.0	5.00	17.36	2.33	
L0009189	0	0.42917E-07	364784.0	3766333.8	0.0	5.00	17.36	2.33	

NOXHigh.POU.txt
L0009190 0 0.42917E-07 364820.4 3766342.5 0.0 5.00 17.36 2.33
L0009191 0 0.42917E-07 364856.7 3766351.0 0.0 5.00 17.36 2.33
L0009192 0 0.42917E-07 364893.0 3766359.5 0.0 5.00 17.36 2.33
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
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*** VOLUME SOURCE DATA ***
SOURCE ID NUMBER PART. EMISSION RATE X Y BASE RELEASE INIT. INIT. EMISSION RATE
ID CATS. (GRAMS/SEC) (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) (METERS) SCALAR VARY
BY
L0009193 0 0.42917E-07 364929.3 3766368.2 0.0 5.00 17.36 2.33
L0009194 0 0.42917E-07 364965.6 3766376.8 0.0 5.00 17.36 2.33
L0009195 0 0.42917E-07 365002.0 3766385.5 0.0 5.00 17.36 2.33
L0009196 0 0.42917E-07 365038.2 3766394.0 0.0 5.00 17.36 2.33
L0009197 0 0.42917E-07 365074.6 3766402.5 0.0 5.00 17.36 2.33
L0009198 0 0.42917E-07 365110.9 3766411.2 0.0 5.00 17.36 2.33
L0009199 0 0.42917E-07 365147.2 3766419.8 0.0 5.00 17.36 2.33
L0009200 0 0.42917E-07 365183.6 3766428.5 0.0 5.00 17.36 2.33
L0009201 0 0.42917E-07 364781.2 3766351.0 0.0 5.00 17.37 2.33
L0009202 0 0.42917E-07 364817.6 3766359.8 0.0 5.00 17.37 2.33
L0009203 0 0.42917E-07 364853.9 3766368.2 0.0 5.00 17.37 2.33
L0009204 0 0.42917E-07 364890.2 3766377.0 0.0 5.00 17.37 2.33
L0009205 0 0.42917E-07 364926.5 3766385.5 0.0 5.00 17.37 2.33
L0009206 0 0.42917E-07 364962.9 3766394.2 0.0 5.00 17.37 2.33
L0009207 0 0.42917E-07 364999.2 3766403.0 0.0 5.00 17.37 2.33
L0009208 0 0.42917E-07 365035.5 3766411.5 0.0 5.00 17.37 2.33
L0009209 0 0.42917E-07 365071.8 3766420.2 0.0 5.00 17.37 2.33
L0009210 0 0.42917E-07 365108.2 3766428.8 0.0 5.00 17.37 2.33
L0009211 0 0.42917E-07 365144.5 3766437.5 0.0 5.00 17.37 2.33
L0009212 0 0.42917E-07 365180.8 3766446.0 0.0 5.00 17.37 2.33
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
PAGE 4

*** SOURCE IDS DEFINING SOURCE GROUPS ***
GROUP ID SOURCE IDS
ALL L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159, L0009160, L0009161, L0009162, L0009163, L0009164,
L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171, L0009172, L0009173, L0009174, L0009175, L0009176,
L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, L0009183, L0009184, L0009185, L0009186, L0009187, L0009188,
L0009189, L0009190, L0009191, L0009192, L0009193, L0009194, L0009195, L0009196, L0009197, L0009198, L0009199, L0009200,
L0009201, L0009202, L0009203, L0009204, L0009205, L0009206, L0009207, L0009208, L0009209, L0009210, L0009211, L0009212,
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
PAGE 5

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)
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(365455.3, 3766211.8, 0.0, 0.0); (364768.6, 3766257.5, 0.0, 0.0);
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**MODELOPTS: CONC URBAN FLAT DEFAULT
PAGE 6

PAGE 7

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

PAGE 8

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

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( 365268.6, 3766157.5, 0.0, 0.0); ( 365343.6, 3766157.5, 0.0, 0.0);
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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

```

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009153	364768.6	3766257.5	-6.12
L0009153	364788.6	3766257.5	-19.27
L0009153	364808.6	3766257.5	-15.48
L0009153	364828.6	3766257.5	0.45
L0009153	364768.6	3766277.5	-10.98
L0009153	364768.6	3766297.5	-2.49
L0009153	364787.8	3766259.5	-20.81
L0009154	364808.6	3766257.5	-3.30
L0009154	364828.6	3766257.5	-11.74
L0009154	364848.6	3766257.5	-6.49
L0009154	364868.6	3766277.5	0.44
L0009155	364868.6	3766257.5	-3.10
L0009155	364868.6	3766277.5	-23.08

NOxHigh.POU.txt

L0009155	364888.6	3766277.5	-11.96
L0009156	364888.6	3766277.5	-9.72
L0009156	364908.6	3766277.5	-13.90
L0009156	364928.6	3766277.5	-3.65
L0009157	364928.6	3766277.5	-3.77
L0009157	364948.6	3766277.5	-4.79
L0009157	364968.6	3766297.5	-6.81
L0009158	364968.6	3766297.5	-15.81
L0009158	364988.6	3766297.5	-14.06
L0009158	365008.6	3766297.5	0.34
L0009159	364988.6	3766297.5	0.35
L0009159	365008.6	3766297.5	-8.28
L0009159	365028.6	3766297.5	-4.66
L0009159	365048.6	3766317.5	-0.71
L0009160	365048.6	3766297.5	0.14
L0009160	365048.6	3766317.5	-19.85
L0009160	365068.6	3766317.5	-11.37
L0009161	365068.6	3766317.5	-6.23
L0009161	365088.6	3766317.5	-11.21
L0009161	365108.6	3766317.5	-2.74
L0009162	365108.6	3766317.5	-0.32
L0009162	365128.6	3766317.5	-2.26
L0009162	365128.6	3766337.5	-21.48
L0009162	365148.6	3766337.5	-7.16
L0009163	365128.6	3766337.5	0.49
L0009163	365148.6	3766337.5	-12.11
L0009163	365168.6	3766337.5	-12.01

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009163	365188.6	3766337.5	0.69
L0009164	365188.6	3766337.5	-4.76
L0009164	365208.6	3766337.5	-2.54
L0009164	365208.6	3766357.5	-19.12
L0009164	365208.6	3766377.5	-21.46
L0009164	365208.6	3766397.5	-6.17
L0009164	365218.6	3766357.5	-10.76
L0009164	365218.6	3766382.5	-10.29
L0009164	365206.8	3766357.8	-20.55
L0009165	364788.6	3766257.5	0.13
L0009165	364768.6	3766277.5	-8.92
L0009165	364768.6	3766297.5	-14.78
L0009165	364768.6	3766317.5	-5.61
L0009165	364787.8	3766259.5	-1.80
L0009167	364868.6	3766277.5	-2.40
L0009172	365048.6	3766317.5	0.62
L0009174	365128.6	3766337.5	-0.96
L0009176	365208.6	3766357.5	-0.99
L0009176	365208.6	3766377.5	-16.73
L0009176	365208.6	3766397.5	-19.30
L0009176	365208.6	3766417.5	-5.37
L0009176	365218.6	3766382.5	-9.88
L0009176	365218.6	3766407.5	-5.67
L0009176	365206.8	3766357.8	-1.96
L0009177	364768.6	3766297.5	-11.15
L0009177	364768.6	3766317.5	-17.45
L0009177	364768.6	3766337.5	-7.24
L0009188	365208.6	3766377.5	0.43
L0009188	365208.6	3766397.5	-13.55
L0009188	365208.6	3766417.5	-14.84
L0009188	365188.6	3766437.5	-8.81
L0009188	365208.6	3766437.5	-2.03
L0009188	365218.6	3766407.5	-6.48
L0009189	364768.6	3766317.5	-14.89
L0009189	364768.6	3766337.5	-21.41
L0009189	364768.6	3766357.5	-8.98
L0009189	364769.3	3766358.2	-8.76
L0009190	364808.6	3766377.5	-0.38
L0009190	364828.6	3766377.5	-1.38
L0009191	364848.6	3766377.5	-9.61

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009192	364888.6	3766397.5	0.93
L0009193	364908.6	3766397.5	-1.46
L0009193	364928.6	3766397.5	-8.06
L0009195	364988.6	3766417.5	-2.63
L0009195	365008.6	3766417.5	-4.65
L0009196	365008.6	3766417.5	0.54
L0009197	365068.6	3766437.5	-1.81
L0009197	365088.6	3766437.5	0.36
L0009198	365088.6	3766437.5	-2.85
L0009199	365148.6	3766457.5	0.45
L0009200	365208.6	3766417.5	-10.01
L0009200	365188.6	3766437.5	-27.03
L0009200	365208.6	3766437.5	-10.75
L0009200	365168.6	3766457.5	-4.67
L0009200	365188.6	3766457.5	-7.90
L0009200	365208.6	3766457.5	0.96
L0009200	365218.6	3766432.5	-2.10
L0009200	365180.3	3766456.2	-9.38
L0009201	364768.6	3766317.5	-1.52
L0009201	364768.6	3766337.5	-18.82
L0009201	364768.6	3766357.5	-23.09
L0009201	364768.6	3766377.5	-7.96
L0009201	364788.6	3766377.5	-9.86
L0009201	364808.6	3766377.5	0.71
L0009201	364743.6	3766357.5	0.90

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**MODELOPTS:  CONC          URBAN  FLAT          DEFAULT
* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
  LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

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1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\Expo\Expo HRA\PM10 New\PM10-24.isc ***
***                                     ***

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**MODELOPTs: CONC          URBAN  FLAT          DFAULT

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[illegible]

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC URBAN FLAT DEFAULT

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

FILE: C:\AERMOD~1\METDAT~1\WESTLA.ASC
 SURFACE STATION NO.: 52158
 NAME: UNKNOWN
 YEAR: 1981

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,F9.4,f10.1,f8.4,i4,f7.2)
 UPPER AIR STATION NO.: 91919
 NAME: UNKNOWN
 YEAR: 1981

YEAR	MONTH	DAY	HOUR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
81	1	1	1	67.3	1.00	285.9	7	387.1	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	2	79.9	1.00	286.5	7	397.2	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	3	62.5	1.00	285.9	6	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	4	98.5	1.00	285.9	5	417.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	5	354.0	1.00	285.4	4	427.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	6	139.5	1.00	283.7	5	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	7	94.5	1.00	283.7	6	447.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	8	112.2	1.00	284.3	5	70.1	201.5	0.0000	0.0	0.0000	0	0.00
81	1	1	9	186.5	1.00	287.0	4	144.7	254.3	0.0000	0.0	0.0000	0	0.00
81	1	1	10	256.6	1.00	291.5	3	219.4	307.0	0.0000	0.0	0.0000	0	0.00
81	1	1	11	314.1	1.00	294.8	2	294.0	359.8	0.0000	0.0	0.0000	0	0.00
81	1	1	12	35.6	2.68	290.9	3	368.7	412.5	0.0000	0.0	0.0000	0	0.00
81	1	1	13	64.7	2.24	289.8	3	443.3	465.3	0.0000	0.0	0.0000	0	0.00
81	1	1	14	34.2	2.24	290.4	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	15	44.8	1.34	290.4	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	16	53.2	1.79	289.3	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	17	42.6	0.00	288.1	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	18	30.1	1.00	287.6	5	518.0	468.5	0.0000	0.0	0.0000	0	0.00
81	1	1	19	20.5	0.00	287.0	6	518.0	425.9	0.0000	0.0	0.0000	0	0.00
81	1	1	20	55.7	1.00	287.0	7	518.0	383.4	0.0000	0.0	0.0000	0	0.00
81	1	1	21	43.6	0.00	287.6	7	518.0	340.8	0.0000	0.0	0.0000	0	0.00
81	1	1	22	137.0	1.00	287.0	7	518.0	298.2	0.0000	0.0	0.0000	0	0.00
81	1	1	23	90.7	1.00	286.5	7	518.0	255.6	0.0000	0.0	0.0000	0	0.00
81	1	1	24	67.2	1.00	286.5	6	518.0	213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
 L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
 L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365195.56	3766329.25	0.00010	365046.69	3766293.00	0.00010
364925.03	3766265.00	0.00008	364810.06	3766234.50	0.00003
365230.94	3766352.75	0.00011	365358.03	3766388.00	0.00005
365384.34	3766356.75	0.00004	365410.66	3766309.75	0.00003
365214.22	3766258.25	0.00005	365061.88	3766221.00	0.00004
364950.50	3766192.75	0.00003	364851.97	3766170.25	0.00002
364936.41	3766071.00	0.00001	365000.66	3766093.75	0.00001
365093.69	3766117.00	0.00002	365250.94	3766158.50	0.00002
365455.34	3766211.75	0.00002	364768.56	3766257.50	0.00003
364788.56	3766257.50	0.00003	364808.56	3766257.50	0.00004
364828.56	3766257.50	0.00005	364848.56	3766257.50	0.00006
364868.56	3766257.50	0.00007	364888.56	3766257.50	0.00007
364908.56	3766257.50	0.00007	364928.56	3766257.50	0.00007
364948.56	3766257.50	0.00007	364968.56	3766257.50	0.00007
364988.56	3766257.50	0.00007	365008.56	3766257.50	0.00006
365028.56	3766257.50	0.00006	365048.56	3766257.50	0.00006
365068.56	3766257.50	0.00006	365088.56	3766257.50	0.00006
365108.56	3766257.50	0.00005	365128.56	3766257.50	0.00005
365148.56	3766257.50	0.00005	365168.56	3766257.50	0.00005
365188.56	3766257.50	0.00005	365208.56	3766257.50	0.00005
364768.56	3766277.50	0.00004	364868.56	3766277.50	0.00008
364888.56	3766277.50	0.00009	364908.56	3766277.50	0.00009
364928.56	3766277.50	0.00009	364948.56	3766277.50	0.00009
364968.56	3766277.50	0.00009	364988.56	3766277.50	0.00009
365008.56	3766277.50	0.00009	365028.56	3766277.50	0.00008
365048.56	3766277.50	0.00008	365068.56	3766277.50	0.00008
365088.56	3766277.50	0.00007	365108.56	3766277.50	0.00007
365128.56	3766277.50	0.00007	365148.56	3766277.50	0.00006
365168.56	3766277.50	0.00006	365188.56	3766277.50	0.00006
365208.56	3766277.50	0.00005	364768.56	3766297.50	0.00005
364968.56	3766297.50	0.00011	364988.56	3766297.50	0.00011
365008.56	3766297.50	0.00010	365028.56	3766297.50	0.00010
365048.56	3766297.50	0.00010	365068.56	3766297.50	0.00010
365088.56	3766297.50	0.00009	365108.56	3766297.50	0.00009
365128.56	3766297.50	0.00008	365148.56	3766297.50	0.00008
365168.56	3766297.50	0.00008	365188.56	3766297.50	0.00007
365208.56	3766297.50	0.00007	364768.56	3766317.50	0.00006
365048.56	3766317.50	0.00012	365068.56	3766317.50	0.00012
365088.56	3766317.50	0.00012	365108.56	3766317.50	0.00011
365128.56	3766317.50	0.00011	365148.56	3766317.50	0.00010

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
 L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
 L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365168.56	3766317.50	0.00010	365188.56	3766317.50	0.00009
365208.56	3766317.50	0.00008	364768.56	3766337.50	0.00008
365128.56	3766337.50	0.00013	365148.56	3766337.50	0.00012
365168.56	3766337.50	0.00012	365188.56	3766337.50	0.00010
365208.56	3766337.50	0.00010	364768.56	3766357.50	0.00008


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NOXHigh.POU.txt
365208.56 3766357.50 0.00012 364768.56 3766377.50 0.00008
364788.56 3766377.50 0.00010 364808.56 3766377.50 0.00012
364828.56 3766377.50 0.00015 364848.56 3766377.50 0.00018
365208.56 3766377.50 0.00015 364768.56 3766397.50 0.00008
364788.56 3766397.50 0.00010 364808.56 3766397.50 0.00012
364828.56 3766397.50 0.00014 364848.56 3766397.50 0.00017
364868.56 3766397.50 0.00018 364888.56 3766397.50 0.00020
364908.56 3766397.50 0.00021 364928.56 3766397.50 0.00023
365208.56 3766397.50 0.00017 364768.56 3766417.50 0.00006
364788.56 3766417.50 0.00008 364808.56 3766417.50 0.00010
364828.56 3766417.50 0.00012 364848.56 3766417.50 0.00014
364868.56 3766417.50 0.00016 364888.56 3766417.50 0.00017
364908.56 3766417.50 0.00019 364928.56 3766417.50 0.00020
364948.56 3766417.50 0.00022 364968.56 3766417.50 0.00022
364988.56 3766417.50 0.00022 365008.56 3766417.50 0.00023
365208.56 3766417.50 0.00018 364768.56 3766437.50 0.00005
364788.56 3766437.50 0.00006 364808.56 3766437.50 0.00007
364828.56 3766437.50 0.00009 364848.56 3766437.50 0.00010
364868.56 3766437.50 0.00012 364888.56 3766437.50 0.00014
364908.56 3766437.50 0.00015 364928.56 3766437.50 0.00017
364948.56 3766437.50 0.00018 364968.56 3766437.50 0.00019
364988.56 3766437.50 0.00020 365008.56 3766437.50 0.00020
365028.56 3766437.50 0.00023 365048.56 3766437.50 0.00022
365068.56 3766437.50 0.00024 365088.56 3766437.50 0.00022
365188.56 3766437.50 0.00021 365208.56 3766437.50 0.00019
364768.56 3766457.50 0.00004 364788.56 3766457.50 0.00005
364808.56 3766457.50 0.00006 364828.56 3766457.50 0.00007
364848.56 3766457.50 0.00008 364868.56 3766457.50 0.00009
364888.56 3766457.50 0.00010 364908.56 3766457.50 0.00012
364928.56 3766457.50 0.00013 364948.56 3766457.50 0.00014
364968.56 3766457.50 0.00015 364988.56 3766457.50 0.00017
365008.56 3766457.50 0.00018 365028.56 3766457.50 0.00019
365048.56 3766457.50 0.00020 365068.56 3766457.50 0.00020
365088.56 3766457.50 0.00021 365108.56 3766457.50 0.00021
365128.56 3766457.50 0.00021 365148.56 3766457.50 0.00021
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 18
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NOX IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365168.56 3766457.50 0.00020 365188.56 3766457.50 0.00020
365208.56 3766457.50 0.00018 364743.56 3766232.50 0.00002
364768.56 3766232.50 0.00002 364793.56 3766232.50 0.00003
364818.56 3766232.50 0.00004 364843.56 3766232.50 0.00004
364868.56 3766232.50 0.00005 364893.56 3766232.50 0.00005
364918.56 3766232.50 0.00005 364943.56 3766232.50 0.00005
364968.56 3766232.50 0.00005 364993.56 3766232.50 0.00005
365018.56 3766232.50 0.00005 365043.56 3766232.50 0.00005
365068.56 3766232.50 0.00004 365093.56 3766232.50 0.00004
365118.56 3766232.50 0.00004 365143.56 3766232.50 0.00004
365168.56 3766232.50 0.00004 365193.56 3766232.50 0.00004
365218.56 3766232.50 0.00004 365243.56 3766232.50 0.00003
364743.56 3766257.50 0.00003 365218.56 3766257.50 0.00004
365243.56 3766257.50 0.00004 364743.56 3766282.50 0.00005
365218.56 3766282.50 0.00006 365243.56 3766282.50 0.00005
364743.56 3766307.50 0.00006 365218.56 3766307.50 0.00007
365243.56 3766307.50 0.00006 364743.56 3766332.50 0.00007
365218.56 3766332.50 0.00009 365243.56 3766332.50 0.00008
364743.56 3766357.50 0.00007 365218.56 3766357.50 0.00012
365243.56 3766357.50 0.00011 364743.56 3766382.50 0.00007
365218.56 3766382.50 0.00014 365243.56 3766382.50 0.00014
364743.56 3766407.50 0.00005 365218.56 3766407.50 0.00017
365243.56 3766407.50 0.00016 364743.56 3766432.50 0.00004
365218.56 3766432.50 0.00019 365243.56 3766432.50 0.00017
364743.56 3766457.50 0.00004 365218.56 3766457.50 0.00020
365243.56 3766457.50 0.00016 364743.56 3766482.50 0.00003
364768.56 3766482.50 0.00004 364793.56 3766482.50 0.00004
364818.56 3766482.50 0.00005 364843.56 3766482.50 0.00006
364868.56 3766482.50 0.00007 364893.56 3766482.50 0.00008
364918.56 3766482.50 0.00009 364943.56 3766482.50 0.00010
364968.56 3766482.50 0.00011 364993.56 3766482.50 0.00012
365018.56 3766482.50 0.00013 365043.56 3766482.50 0.00015
365068.56 3766482.50 0.00016 365093.56 3766482.50 0.00017
365118.56 3766482.50 0.00017 365143.56 3766482.50 0.00018
365168.56 3766482.50 0.00018 365193.56 3766482.50 0.00017
365218.56 3766482.50 0.00017 365243.56 3766482.50 0.00014
364718.56 3766207.50 0.00001 364768.56 3766207.50 0.00002
364818.56 3766207.50 0.00002 364868.56 3766207.50 0.00003
364918.56 3766207.50 0.00004 364968.56 3766207.50 0.00004
365018.56 3766207.50 0.00004 365068.56 3766207.50 0.00004
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 19
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NOX IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365118.56 3766207.50 0.00003 365168.56 3766207.50 0.00003
365218.56 3766207.50 0.00003 365268.56 3766207.50 0.00003
364718.56 3766257.50 0.00003 365268.56 3766257.50 0.00004
364718.56 3766307.50 0.00005 365268.56 3766307.50 0.00006
364718.56 3766357.50 0.00006 365268.56 3766357.50 0.00008
364718.56 3766407.50 0.00004 365268.56 3766407.50 0.00012
364718.56 3766457.50 0.00003 365268.56 3766457.50 0.00012
364718.56 3766507.50 0.00002 364768.56 3766507.50 0.00003
364818.56 3766507.50 0.00004 364868.56 3766507.50 0.00005
364918.56 3766507.50 0.00007 364968.56 3766507.50 0.00008
365018.56 3766507.50 0.00010 365068.56 3766507.50 0.00012
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NOxHigh.POU.txt

365118.56	3766507.50	0.00013	365168.56	3766507.50	0.00014
365218.56	3766507.50	0.00013	365268.56	3766507.50	0.00010
364668.56	3766157.50	0.00001	364743.56	3766157.50	0.00001
364818.56	3766157.50	0.00001	364893.56	3766157.50	0.00002
364968.56	3766157.50	0.00002	365043.56	3766157.50	0.00002
365118.56	3766157.50	0.00002	365193.56	3766157.50	0.00002
365268.56	3766157.50	0.00002	365343.56	3766157.50	0.00002
364668.56	3766232.50	0.00002	365268.56	3766232.50	0.00003
365343.56	3766232.50	0.00002	364668.56	3766307.50	0.00003
365268.56	3766307.50	0.00006	365343.56	3766307.50	0.00004
364668.56	3766382.50	0.00003	365268.56	3766382.50	0.00010
365343.56	3766382.50	0.00005	364668.56	3766457.50	0.00002
365268.56	3766457.50	0.00012	365343.56	3766457.50	0.00006
364668.56	3766532.50	0.00002	364743.56	3766532.50	0.00002
364818.56	3766532.50	0.00003	364893.56	3766532.50	0.00005
364968.56	3766532.50	0.00007	365043.56	3766532.50	0.00008
365118.56	3766532.50	0.00010	365193.56	3766532.50	0.00010
365268.56	3766532.50	0.00009	365343.56	3766532.50	0.00006
364568.56	3766057.50	0.00000	364668.56	3766057.50	0.00000
364768.56	3766057.50	0.00000	364868.56	3766057.50	0.00001
364968.56	3766057.50	0.00001	365068.56	3766057.50	0.00001
365168.56	3766057.50	0.00001	365268.56	3766057.50	0.00001
365368.56	3766057.50	0.00001	364568.56	3766157.50	0.00001
365368.56	3766157.50	0.00002	364568.56	3766257.50	0.00001
365368.56	3766257.50	0.00002	364568.56	3766357.50	0.00002
365368.56	3766357.50	0.00004	364568.56	3766457.50	0.00002
365368.56	3766457.50	0.00005	364568.56	3766557.50	0.00001
365368.56	3766557.50	0.00005	364568.56	3766657.50	0.00001
364668.56	3766657.50	0.00001	364768.56	3766657.50	0.00001

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
 L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
 L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364868.56	3766657.50	0.00002	364968.56	3766657.50	0.00003
365068.56	3766657.50	0.00003	365168.56	3766657.50	0.00004
365268.56	3766657.50	0.00004	365368.56	3766657.50	0.00004
364268.56	3765757.50	0.00000	364393.56	3765757.50	0.00000
364518.56	3765757.50	0.00000	364643.56	3765757.50	0.00000
364768.56	3765757.50	0.00000	364893.56	3765757.50	0.00000
365018.56	3765757.50	0.00000	365143.56	3765757.50	0.00000
365268.56	3765757.50	0.00000	365393.56	3765757.50	0.00000
365518.56	3765757.50	0.00000	365643.56	3765757.50	0.00000
365768.56	3765757.50	0.00000	364268.56	3765882.50	0.00000
364393.56	3765882.50	0.00000	364518.56	3765882.50	0.00000
364643.56	3765882.50	0.00000	364768.56	3765882.50	0.00000
364893.56	3765882.50	0.00000	365018.56	3765882.50	0.00000
365143.56	3765882.50	0.00001	365268.56	3765882.50	0.00001
365393.56	3765882.50	0.00001	365518.56	3765882.50	0.00001
365643.56	3765882.50	0.00001	365768.56	3765882.50	0.00000
364268.56	3766007.50	0.00000	364393.56	3766007.50	0.00000
364518.56	3766007.50	0.00000	364643.56	3766007.50	0.00000
364768.56	3766007.50	0.00000	364893.56	3766007.50	0.00001
365018.56	3766007.50	0.00001	365143.56	3766007.50	0.00001
365268.56	3766007.50	0.00001	365393.56	3766007.50	0.00001
365518.56	3766007.50	0.00001	365643.56	3766007.50	0.00001
365768.56	3766007.50	0.00000	364268.56	3766132.50	0.00000
364393.56	3766132.50	0.00000	364518.56	3766132.50	0.00001
365518.56	3766132.50	0.00001	365643.56	3766132.50	0.00001
365768.56	3766132.50	0.00001	364268.56	3766257.50	0.00001
364393.56	3766257.50	0.00001	364518.56	3766257.50	0.00001
365518.56	3766257.50	0.00001	365643.56	3766257.50	0.00001
365768.56	3766257.50	0.00001	364268.56	3766382.50	0.00001
364393.56	3766382.50	0.00001	364518.56	3766382.50	0.00001
365518.56	3766382.50	0.00002	365643.56	3766382.50	0.00001
365768.56	3766382.50	0.00001	364268.56	3766507.50	0.00001
364393.56	3766507.50	0.00001	364518.56	3766507.50	0.00001
365518.56	3766507.50	0.00002	365643.56	3766507.50	0.00002
365768.56	3766507.50	0.00001	364268.56	3766632.50	0.00000
364393.56	3766632.50	0.00001	364518.56	3766632.50	0.00001
365518.56	3766632.50	0.00002	365643.56	3766632.50	0.00002
365768.56	3766632.50	0.00001	364268.56	3766757.50	0.00000
364393.56	3766757.50	0.00000	364518.56	3766757.50	0.00001
364643.56	3766757.50	0.00001	364768.56	3766757.50	0.00001

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,
 L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
 L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364893.56	3766757.50	0.00001	365018.56	3766757.50	0.00002
365143.56	3766757.50	0.00002	365268.56	3766757.50	0.00002
365393.56	3766757.50	0.00002	365518.56	3766757.50	0.00002
365643.56	3766757.50	0.00001	365768.56	3766757.50	0.00001
364268.56	3766882.50	0.00000	364393.56	3766882.50	0.00000
364518.56	3766882.50	0.00000	364643.56	3766882.50	0.00000
364768.56	3766882.50	0.00001	364893.56	3766882.50	0.00001
365018.56	3766882.50	0.00001	365143.56	3766882.50	0.00001
365268.56	3766882.50	0.00001	365393.56	3766882.50	0.00001
365518.56	3766882.50	0.00001	365643.56	3766882.50	0.00001
365768.56	3766882.50	0.00001	364268.56	3767007.50	0.00000
364393.56	3767007.50	0.00000	364518.56	3767007.50	0.00000
364643.56	3767007.50	0.00000	364768.56	3767007.50	0.00000
364893.56	3767007.50	0.00001	365018.56	3767007.50	0.00001
365143.56	3767007.50	0.00001	365268.56	3767007.50	0.00001
365393.56	3767007.50	0.00001	365518.56	3767007.50	0.00001
365643.56	3767007.50	0.00001	365768.56	3767007.50	0.00001

364787.78 3766259.50 0.00004 NOXHigh.POU.txt 365206.84 3766357.75 0.00012
365180.28 3766456.25 0.00021 364769.34 3766358.25 0.00008
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

INCLUDING SOURCE(S):

L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171, L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX

IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365195.56	3766329.25	0.00069	(81050901)	365046.69	3766293.00	0.00060	(81012507)
364925.03	3766265.00	0.00064	(81040303)	364810.06	3766234.50	0.00067	(81042007)
365230.94	3766352.75	0.00082	(81071903)	365358.03	3766388.00	0.00057	(81072724)
365384.34	3766356.75	0.00048	(81091907)	365410.66	3766309.75	0.00038	(81031605)
365214.22	3766258.25	0.00039	(81122622)	365061.88	3766221.00	0.00036	(81021803)
364950.50	3766192.75	0.00036	(81120407)	364851.97	3766170.25	0.00038	(81011201)
364936.41	3766071.00	0.00023	(81111906)	365000.66	3766093.75	0.00023	(81020802)
365093.69	3766117.00	0.00023	(81100604)	365250.94	3766158.50	0.00025	(81092005)
365455.34	3766211.75	0.00026	(81021804)	364768.56	3766257.50	0.00084	(81020601)
364788.56	3766257.50	0.00083	(81112923)	364808.56	3766257.50	0.00077	(81011604)
364828.56	3766257.50	0.00076	(81040607)	364848.56	3766257.50	0.00069	(81122004)
364868.56	3766257.50	0.00068	(81042007)	364888.56	3766257.50	0.00066	(81032003)
364908.56	3766257.50	0.00061	(81030605)	364928.56	3766257.50	0.00059	(81011203)
364948.56	3766257.50	0.00055	(81070401)	364968.56	3766257.50	0.00053	(81101901)
364988.56	3766257.50	0.00050	(81100903)	365008.56	3766257.50	0.00047	(81112922)
365028.56	3766257.50	0.00046	(81032402)	365048.56	3766257.50	0.00045	(81032703)
365068.56	3766257.50	0.00045	(81052303)	365088.56	3766257.50	0.00044	(81030806)
365108.56	3766257.50	0.00043	(81020503)	365128.56	3766257.50	0.00042	(81110201)
365148.56	3766257.50	0.00041	(81021605)	365168.56	3766257.50	0.00041	(81120401)
365188.56	3766257.50	0.00040	(81041204)	365208.56	3766257.50	0.00039	(81032006)
364768.56	3766277.50	0.00088	(81022523)	364868.56	3766277.50	0.00080	(81070406)
364888.56	3766277.50	0.00071	(81011924)	364908.56	3766277.50	0.00072	(81042007)
364928.56	3766277.50	0.00066	(81101206)	364948.56	3766277.50	0.00064	(81110108)
364968.56	3766277.50	0.00058	(81011203)	364988.56	3766277.50	0.00057	(81022805)
365008.56	3766277.50	0.00055	(81011201)	365028.56	3766277.50	0.00053	(81040521)
365048.56	3766277.50	0.00053	(81040420)	365068.56	3766277.50	0.00052	(81103103)
365088.56	3766277.50	0.00051	(81061805)	365108.56	3766277.50	0.00049	(81082203)
365128.56	3766277.50	0.00048	(81071805)	365148.56	3766277.50	0.00047	(81071805)
365168.56	3766277.50	0.00046	(81122701)	365188.56	3766277.50	0.00045	(81022301)
365208.56	3766277.50	0.00044	(81080806)	364768.56	3766297.50	0.00094	(81122522)
364968.56	3766297.50	0.00065	(81042007)	364988.56	3766297.50	0.00059	(81101604)
365008.56	3766297.50	0.00059	(81021002)	365028.56	3766297.50	0.00060	(81101604)
365048.56	3766297.50	0.00063	(81111101)	365068.56	3766297.50	0.00059	(81101604)
365088.56	3766297.50	0.00060	(81111101)	365108.56	3766297.50	0.00058	(81071204)
365128.56	3766297.50	0.00057	(81031606)	365148.56	3766297.50	0.00055	(81031606)
365168.56	3766297.50	0.00054	(81031606)	365188.56	3766297.50	0.00052	(81031606)
365208.56	3766297.50	0.00051	(81022101)	364768.56	3766317.50	0.00097	(81012306)
365048.56	3766317.50	0.00065	(81091624)	365068.56	3766317.50	0.00067	(81021822)
365088.56	3766317.50	0.00071	(81011807)	365108.56	3766317.50	0.00066	(81031605)
365128.56	3766317.50	0.00068	(81022106)	365148.56	3766317.50	0.00064	(81121422)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

INCLUDING SOURCE(S):

L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171, L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX

IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365168.56	3766317.50	0.00064	(81061505)	365188.56	3766317.50	0.00062	(81022601)
365208.56	3766317.50	0.00060	(81051006)	364768.56	3766337.50	0.00096	(81081505)
365128.56	3766337.50	0.00079	(81110622)	365148.56	3766337.50	0.00072	(81120902)
365168.56	3766337.50	0.00076	(81103120)	365188.56	3766337.50	0.00071	(81051003)
365208.56	3766337.50	0.00072	(81020620)	364768.56	3766357.50	0.00089	(81070606)
365208.56	3766357.50	0.00083	(81031106)	364768.56	3766377.50	0.00077	(81111619)
364788.56	3766377.50	0.00074	(81102806)	364808.56	3766377.50	0.00081	(81030120)
364828.56	3766377.50	0.00076	(81060501)	364848.56	3766377.50	0.00085	(81112524)
365208.56	3766377.50	0.00092	(81091703)	364768.56	3766397.50	0.00064	(81031608)
364788.56	3766397.50	0.00066	(81111902)	364808.56	3766397.50	0.00069	(81050807)
364828.56	3766397.50	0.00068	(81122919)	364848.56	3766397.50	0.00073	(81021603)
364868.56	3766397.50	0.00070	(81121903)	364888.56	3766397.50	0.00076	(81121903)
364908.56	3766397.50	0.00071	(81092305)	364928.56	3766397.50	0.00070	(81092305)
365208.56	3766397.50	0.00095	(81121404)	364768.56	3766417.50	0.00054	(81070801)
364788.56	3766417.50	0.00056	(81070801)	364808.56	3766417.50	0.00057	(81070801)
364828.56	3766417.50	0.00059	(81061202)	364848.56	3766417.50	0.00061	(81070724)
364868.56	3766417.50	0.00061	(81111205)	364888.56	3766417.50	0.00064	(81031222)
364908.56	3766417.50	0.00063	(81022323)	364928.56	3766417.50	0.00067	(81100105)
364948.56	3766417.50	0.00064	(81051007)	364968.56	3766417.50	0.00062	(81070403)
364988.56	3766417.50	0.00064	(81082502)	365008.56	3766417.50	0.00068	(81073022)
365208.56	3766417.50	0.00095	(81020220)	364768.56	3766437.50	0.00046	(81031806)
364788.56	3766437.50	0.00047	(81031806)	364808.56	3766437.50	0.00049	(81112705)
364828.56	3766437.50	0.00050	(81120319)	364848.56	3766437.50	0.00051	(81051302)
364868.56	3766437.50	0.00052	(81032521)	364888.56	3766437.50	0.00054	(81110523)
364908.56	3766437.50	0.00055	(81101808)	364928.56	3766437.50	0.00056	(81032521)
364948.56	3766437.50	0.00056	(81110523)	364968.56	3766437.50	0.00059	(81030406)
364988.56	3766437.50	0.00061	(81072619)	365008.56	3766437.50	0.00062	(81092601)
365028.56	3766437.50	0.00069	(81031718)	365048.56	3766437.50	0.00068	(81101102)
365068.56	3766437.50	0.00077	(81072207)	365088.56	3766437.50	0.00074	(81102023)
365188.56	3766437.50	0.00099	(81051922)	365208.56	3766437.50	0.00091	(81021321)
364768.56	3766457.50	0.00041	(81030406)	364788.56	3766457.50	0.00042	(81032208)
364808.56	3766457.50	0.00042	(81092521)	364828.56	3766457.50	0.00043	(81061823)
364848.56	3766457.50	0.00044	(81051621)	364868.56	3766457.50	0.00045	(81112905)
364888.56	3766457.50	0.00046	(81051304)	364908.56	3766457.50	0.00047	(81041903)
364928.56	3766457.50	0.00048	(81082422)	364948.56	3766457.50	0.00049	(81081921)
364968.56	3766457.50	0.00050	(81101905)	364988.56	3766457.50	0.00053	(81010918)
365008.56	3766457.50	0.00056	(81043024)	365028.56	3766457.50	0.00058	(81031104)
365048.56	3766457.50	0.00063	(81091802)	365068.56	3766457.50	0.00065	(81110319)
365088.56	3766457.50	0.00070	(81042120)	365108.56	3766457.50	0.00073	(81102723)
365128.56	3766457.50	0.00075	(81120901)	365148.56	3766457.50	0.00081	(81051620)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,

L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
 L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365168.56	3766457.50	0.00082	(81081222)	365188.56	3766457.50	0.00088	(81032105)
365208.56	3766457.50	0.00086	(81032121)	364743.56	3766232.50	0.00074	(81070406)
364768.56	3766232.50	0.00074	(81030604)	364793.56	3766232.50	0.00067	(81111008)
364818.56	3766232.50	0.00064	(81101206)	364843.56	3766232.50	0.00060	(81122321)
364868.56	3766232.50	0.00056	(81011205)	364893.56	3766232.50	0.00053	(81122006)
364918.56	3766232.50	0.00049	(81040306)	364943.56	3766232.50	0.00047	(81011201)
364968.56	3766232.50	0.00044	(81012102)	364993.56	3766232.50	0.00042	(81020602)
365018.56	3766232.50	0.00039	(81011222)	365043.56	3766232.50	0.00039	(81020324)
365068.56	3766232.50	0.00038	(81101823)	365093.56	3766232.50	0.00037	(81101723)
365118.56	3766232.50	0.00037	(81111624)	365143.56	3766232.50	0.00036	(81052101)
365168.56	3766232.50	0.00035	(81101002)	365193.56	3766232.50	0.00035	(81050403)
365218.56	3766232.50	0.00034	(81030907)	365243.56	3766232.50	0.00033	(81080302)
364743.56	3766257.50	0.00089	(81021003)	365218.56	3766257.50	0.00039	(81122622)
365243.56	3766257.50	0.00038	(81050503)	364743.56	3766282.50	0.00100	(81042105)
365218.56	3766282.50	0.00045	(81012603)	365243.56	3766282.50	0.00044	(81120306)
364743.56	3766307.50	0.00105	(81111020)	365218.56	3766307.50	0.00054	(81060301)
365243.56	3766307.50	0.00052	(81050424)	364743.56	3766332.50	0.00104	(81081505)
365218.56	3766332.50	0.00066	(81021607)	365243.56	3766332.50	0.00065	(81050901)
364743.56	3766357.50	0.00083	(81010319)	365218.56	3766357.50	0.00080	(81082102)
365243.56	3766357.50	0.00081	(81050623)	364743.56	3766382.50	0.00072	(81080406)
365218.56	3766382.50	0.00088	(81010201)	365243.56	3766382.50	0.00094	(81020801)
364743.56	3766407.50	0.00057	(81022323)	365218.56	3766407.50	0.00091	(81030706)
365243.56	3766407.50	0.00099	(81022105)	364743.56	3766432.50	0.00047	(81040524)
365218.56	3766432.50	0.00094	(81040221)	365243.56	3766432.50	0.00098	(81082002)
364743.56	3766457.50	0.00040	(81032521)	365218.56	3766457.50	0.00098	(81100701)
365243.56	3766457.50	0.00091	(81040706)	364743.56	3766482.50	0.00035	(81030324)
364768.56	3766482.50	0.00036	(81082122)	364793.56	3766482.50	0.00036	(81010609)
364818.56	3766482.50	0.00037	(81041903)	364843.56	3766482.50	0.00038	(81081921)
364868.56	3766482.50	0.00039	(81010221)	364893.56	3766482.50	0.00039	(81092724)
364918.56	3766482.50	0.00040	(81041703)	364943.56	3766482.50	0.00041	(81121202)
364968.56	3766482.50	0.00042	(81022218)	364993.56	3766482.50	0.00045	(81081601)
365018.56	3766482.50	0.00048	(81010918)	365043.56	3766482.50	0.00051	(81071621)
365068.56	3766482.50	0.00054	(81090221)	365093.56	3766482.50	0.00057	(81081620)
365118.56	3766482.50	0.00062	(81061103)	365143.56	3766482.50	0.00065	(81071722)
365168.56	3766482.50	0.00071	(81010120)	365193.56	3766482.50	0.00073	(81060322)
365218.56	3766482.50	0.00080	(81071123)	365243.56	3766482.50	0.00078	(81010722)
364718.56	3766207.50	0.00061	(81011924)	364768.56	3766207.50	0.00058	(81101206)
364818.56	3766207.50	0.00052	(81011205)	364868.56	3766207.50	0.00046	(81110308)
364918.56	3766207.50	0.00042	(81022522)	364968.56	3766207.50	0.00038	(81020602)
365018.56	3766207.50	0.00035	(81050804)	365068.56	3766207.50	0.00033	(81101324)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,

L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
 L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365118.56	3766207.50	0.00032	(81111908)	365168.56	3766207.50	0.00031	(81101704)
365218.56	3766207.50	0.00030	(81091306)	365268.56	3766207.50	0.00029	(81010921)
364718.56	3766257.50	0.00083	(81082024)	365268.56	3766257.50	0.00037	(81050123)
364718.56	3766307.50	0.00093	(81010206)	365268.56	3766307.50	0.00050	(81032705)
364718.56	3766357.50	0.00081	(81032802)	365268.56	3766357.50	0.00073	(81032621)
364718.56	3766407.50	0.00054	(81091322)	365268.56	3766407.50	0.00088	(81121919)
364718.56	3766457.50	0.00039	(81031804)	365268.56	3766457.50	0.00082	(81122508)
364718.56	3766507.50	0.00031	(81041903)	364768.56	3766507.50	0.00032	(81062501)
364818.56	3766507.50	0.00033	(81032523)	364868.56	3766507.50	0.00034	(81041305)
364918.56	3766507.50	0.00035	(81032806)	364968.56	3766507.50	0.00037	(81070522)
365018.56	3766507.50	0.00040	(81012301)	365068.56	3766507.50	0.00045	(81032922)
365118.56	3766507.50	0.00050	(81090620)	365168.56	3766507.50	0.00057	(81053122)
365218.56	3766507.50	0.00064	(81010202)	365268.56	3766507.50	0.00064	(81122424)
364668.56	3766157.50	0.00045	(81042007)	364743.56	3766157.50	0.00043	(81011203)
364818.56	3766157.50	0.00038	(81021002)	364893.56	3766157.50	0.00034	(81112922)
364968.56	3766157.50	0.00030	(81050804)	365043.56	3766157.50	0.00027	(81100802)
365118.56	3766157.50	0.00026	(81110305)	365193.56	3766157.50	0.00026	(81101122)
365268.56	3766157.50	0.00025	(81030802)	365343.56	3766157.50	0.00024	(81020701)
364668.56	3766232.50	0.00064	(81030308)	365268.56	3766232.50	0.00033	(81021605)
365343.56	3766232.50	0.00031	(81101421)	364668.56	3766307.50	0.00073	(81083103)
365268.56	3766307.50	0.00050	(81032705)	365343.56	3766307.50	0.00044	(81101702)
364668.56	3766382.50	0.00057	(81042107)	365268.56	3766382.50	0.00083	(81020106)
365343.56	3766382.50	0.00059	(81103022)	364668.56	3766457.50	0.00037	(81051302)
365268.56	3766457.50	0.00082	(81122508)	365343.56	3766457.50	0.00062	(81071902)
364668.56	3766532.50	0.00027	(81010708)	364743.56	3766532.50	0.00028	(81101123)
364818.56	3766532.50	0.00029	(81040623)	364893.56	3766532.50	0.00031	(81010318)
364968.56	3766532.50	0.00033	(81021219)	365043.56	3766532.50	0.00037	(81012605)
365118.56	3766532.50	0.00042	(81090904)	365193.56	3766532.50	0.00049	(81072824)
365268.56	3766532.50	0.00054	(81082724)	365343.56	3766532.50	0.00050	(81072424)
364568.56	3766057.50	0.00029	(81101206)	364668.56	3766057.50	0.00029	(81070401)
364768.56	3766057.50	0.00027	(81011905)	364868.56	3766057.50	0.00024	(81012024)
364968.56	3766057.50	0.00022	(81031205)	365068.56	3766057.50	0.00020	(81011602)
365168.56	3766057.50	0.00020	(81050406)	365268.56	3766057.50	0.00019	(81042707)
365368.56	3766057.50	0.00018	(81110923)	364568.56	3766157.50	0.00040	(81112923)
365368.56	3766157.50	0.00024	(81061422)	364568.56	3766257.50	0.00049	(81111022)
365368.56	3766257.50	0.00034	(81090301)	364568.56	3766357.50	0.00046	(81032802)
365368.56	3766357.50	0.00050	(81091907)	364568.56	3766457.50	0.00033	(81061202)
365368.56	3766457.50	0.00056	(81101906)	364568.56	3766557.50	0.00024	(81041903)
365368.56	3766557.50	0.00044	(81091807)	364568.56	3766657.50	0.00018	(81080407)
364668.56	3766657.50	0.00019	(81012307)	364768.56	3766657.50	0.00020	(81060503)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159,

L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171,
 L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

NOXHigh.POU.txt
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364868.56	3766657.50	0.00020	(81020202)	364968.56	3766657.50	0.00022	(81032601)
365068.56	3766657.50	0.00024	(81101904)	365168.56	3766657.50	0.00026	(81052323)
365268.56	3766657.50	0.00029	(81081019)	365368.56	3766657.50	0.00031	(81012606)
364268.56	3765757.50	0.00014	(81040303)	364393.56	3765757.50	0.00015	(81022805)
364518.56	3765757.50	0.00015	(81052106)	364643.56	3765757.50	0.00015	(81031404)
364768.56	3765757.50	0.00014	(81111906)	364893.56	3765757.50	0.00013	(81122804)
365018.56	3765757.50	0.00013	(81122705)	365143.56	3765757.50	0.00012	(81121401)
365268.56	3765757.50	0.00012	(81012023)	365393.56	3765757.50	0.00012	(81111724)
365518.56	3765757.50	0.00011	(81050605)	365643.56	3765757.50	0.00011	(81013105)
365768.56	3765757.50	0.00010	(81010907)	364268.56	3765882.50	0.00016	(81111008)
364393.56	3765882.50	0.00018	(81110108)	364518.56	3765882.50	0.00019	(81112503)
364643.56	3765882.50	0.00019	(81112922)	364768.56	3765882.50	0.00017	(81050804)
364893.56	3765882.50	0.00016	(81020802)	365018.56	3765882.50	0.00015	(81121124)
365143.56	3765882.50	0.00014	(81010705)	365268.56	3765882.50	0.00014	(81020403)
365393.56	3765882.50	0.00014	(81101424)	365518.56	3765882.50	0.00013	(81082202)
365643.56	3765882.50	0.00013	(81061802)	365768.56	3765882.50	0.00012	(81101402)
364268.56	3766007.50	0.00019	(81042807)	364393.56	3766007.50	0.00022	(81040607)
364518.56	3766007.50	0.00025	(81122321)	364643.56	3766007.50	0.00025	(81040306)
364768.56	3766007.50	0.00023	(81120407)	364893.56	3766007.50	0.00021	(81111906)
365018.56	3766007.50	0.00019	(81020321)	365143.56	3766007.50	0.00018	(81010707)
365268.56	3766007.50	0.00017	(81111803)	365393.56	3766007.50	0.00017	(81031603)
365518.56	3766007.50	0.00016	(81020324)	365643.56	3766007.50	0.00015	(81061422)
365768.56	3766007.50	0.00014	(81021407)	364268.56	3766132.50	0.00022	(81020723)
364393.56	3766132.50	0.00027	(81042822)	364518.56	3766132.50	0.00034	(81112923)
365518.56	3766132.50	0.00020	(81080302)	365643.56	3766132.50	0.00018	(81071805)
365768.56	3766132.50	0.00016	(81100401)	364268.56	3766257.50	0.00023	(81081922)
364393.56	3766257.50	0.00030	(81100406)	364518.56	3766257.50	0.00042	(81111020)
365518.56	3766257.50	0.00027	(81022601)	365643.56	3766257.50	0.00022	(81092503)
365768.56	3766257.50	0.00018	(81042003)	364268.56	3766382.50	0.00022	(81092922)
364393.56	3766382.50	0.00028	(81080307)	364518.56	3766382.50	0.00037	(81100820)
365518.56	3766382.50	0.00034	(81022723)	365643.56	3766382.50	0.00026	(81051702)
365768.56	3766382.50	0.00020	(81050405)	364268.56	3766507.50	0.00019	(81092823)
364393.56	3766507.50	0.00022	(81061202)	364518.56	3766507.50	0.00026	(81122807)
365518.56	3766507.50	0.00035	(81082002)	365643.56	3766507.50	0.00026	(81033022)
365768.56	3766507.50	0.00020	(81122907)	364268.56	3766632.50	0.00016	(81123106)
364393.56	3766632.50	0.00018	(81010609)	364518.56	3766632.50	0.00019	(81092223)
365518.56	3766632.50	0.00028	(81113006)	365643.56	3766632.50	0.00023	(81081020)
365768.56	3766632.50	0.00019	(81020320)	364268.56	3766757.50	0.00013	(81011618)
364393.56	3766757.50	0.00014	(81070323)	364518.56	3766757.50	0.00015	(81012307)
364643.56	3766757.50	0.00016	(81110120)	364768.56	3766757.50	0.00016	(81122401)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S):

L0009153, L0009154, L0009155, L0009156, L0009157, L0009158, L0009159, L0009160, L0009161, L0009162, L0009163, L0009164, L0009165, L0009166, L0009167, L0009168, L0009169, L0009170, L0009171, L0009172, L0009173, L0009174, L0009175, L0009176, L0009177, L0009178, L0009179, L0009180, L0009181, L0009182, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364893.56	3766757.50	0.00017	(81062923)	365018.56	3766757.50	0.00018	(81052621)
365143.56	3766757.50	0.00020	(81081407)	365268.56	3766757.50	0.00022	(81110304)
365393.56	3766757.50	0.00023	(81011317)	365518.56	3766757.50	0.00022	(81070303)
365643.56	3766757.50	0.00020	(81051821)	365768.56	3766757.50	0.00017	(81030819)
364268.56	3766882.50	0.00012	(81022308)	364393.56	3766882.50	0.00012	(81033107)
364518.56	3766882.50	0.00013	(81040621)	364643.56	3766882.50	0.00013	(81111907)
364768.56	3766882.50	0.00013	(81102024)	364893.56	3766882.50	0.00014	(81040421)
365018.56	3766882.50	0.00014	(81072401)	365143.56	3766882.50	0.00015	(81041522)
365268.56	3766882.50	0.00017	(81110719)	365393.56	3766882.50	0.00017	(81051320)
365518.56	3766882.50	0.00017	(81032919)	365643.56	3766882.50	0.00016	(81053122)
365768.56	3766882.50	0.00015	(81091120)	364268.56	3767007.50	0.00010	(81112424)
364393.56	3767007.50	0.00011	(81110120)	364518.56	3767007.50	0.00011	(81012003)
364643.56	3767007.50	0.00011	(81042923)	364768.56	3767007.50	0.00011	(81041101)
364893.56	3767007.50	0.00012	(81121704)	365018.56	3767007.50	0.00012	(81102201)
365143.56	3767007.50	0.00013	(81112604)	365268.56	3767007.50	0.00014	(81120618)
365393.56	3767007.50	0.00014	(81011922)	365518.56	3767007.50	0.00014	(81091321)
365643.56	3767007.50	0.00014	(81102221)	365768.56	3767007.50	0.00013	(81081405)
364787.78	3766259.50	0.00084	(81112923)	365206.84	3766357.75	0.00084	(81031821)
365180.28	3766456.25	0.00091	(81020424)	364769.34	3766358.25	0.00089	(81070606)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

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

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.00024 AT (365068.56, 3766437.50,	0.00, 0.00)	DC NA
	2ND HIGHEST VALUE IS	0.00023 AT (365008.56, 3766417.50,	0.00, 0.00)	DC NA
	3RD HIGHEST VALUE IS	0.00023 AT (365028.56, 3766437.50,	0.00, 0.00)	DC NA
	4TH HIGHEST VALUE IS	0.00023 AT (364928.56, 3766397.50,	0.00, 0.00)	DC NA
	5TH HIGHEST VALUE IS	0.00022 AT (365048.56, 3766437.50,	0.00, 0.00)	DC NA
	6TH HIGHEST VALUE IS	0.00022 AT (364988.56, 3766417.50,	0.00, 0.00)	DC NA

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

1 *** ISC3P - VERSION 04269 ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT

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

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

NOxHigh.POU.txt

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR	(XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL HIGH 1ST HIGH VALUE IS	0.00105	ON 81111020: AT (	364743.56,	3766307.50,	0.00,	0.00) DC NA

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

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DFAULT

*** Message Summary : ISC3P Model Execution ***
 ----- Summary of Total Messages -----
 A Total of 0 Fatal Error Message(s)
 A Total of 0 Warning Message(s)
 A Total of 1673 Informational Message(s)
 A Total of 1673 Calm Hours Identified

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

***** WARNING MESSAGES *****
 *** NONE ***

 *** ISC3P Finishes Successfully ***

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PM10

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**
*****
**
** ISC-PRIME Input Produced by:
** AERMOD View Ver. 6.0.0
** Lakes Environmental Software Inc.
** Date: 8/31/2009
** File: C:\AERMOD Projects\EXPO\Expo LST\ISC3 runs\Highest\PM10\PM10high.PIN
**
*****
**
**
*****
** ISC-PRIME Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc
  MODELOPT DEFAULT CONC URBAN
  AVERTIME 24 ANNUAL
  POLLUTID PM-10
  TERRHGTs FLAT
  RUNORNOT RUN
CO FINISHED
**
*****
** ISC-PRIME Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE1
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.33E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364785.07, 3766272.26, 0.00, 5.00, 0.0
** 365204.52, 3766371.86, 0.00, 5.00, 17.38
** -----
** LOCATION L0008973 VOLUME 364794.793 3766274.558
** LOCATION L0008974 VOLUME 364831.157 3766283.184
** LOCATION L0008975 VOLUME 364867.521 3766291.810
** LOCATION L0008976 VOLUME 364903.886 3766300.435
** LOCATION L0008977 VOLUME 364940.250 3766309.061
** LOCATION L0008978 VOLUME 364976.615 3766317.687
** LOCATION L0008979 VOLUME 365012.979 3766326.313
** LOCATION L0008980 VOLUME 365049.344 3766334.939
** LOCATION L0008981 VOLUME 365085.708 3766343.565
** LOCATION L0008982 VOLUME 365122.072 3766352.190
** LOCATION L0008983 VOLUME 365158.437 3766360.816
** LOCATION L0008984 VOLUME 365194.801 3766369.442
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE2
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.33E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364781.36, 3766292.87, 0.00, 5.00, 0.0
** 365201.75, 3766392.48, 0.00, 5.00, 17.42
** -----
** LOCATION L0008985 VOLUME 364791.105 3766295.059
** LOCATION L0008986 VOLUME 364827.552 3766303.707
** LOCATION L0008987 VOLUME 364863.999 3766312.356
** LOCATION L0008988 VOLUME 364900.445 3766321.004
** LOCATION L0008989 VOLUME 364936.892 3766329.652
** LOCATION L0008990 VOLUME 364973.339 3766338.301
** LOCATION L0008991 VOLUME 365009.786 3766346.949
** LOCATION L0008992 VOLUME 365046.233 3766355.598
** LOCATION L0008993 VOLUME 365082.680 3766364.246
** LOCATION L0008994 VOLUME 365119.126 3766372.894
** LOCATION L0008995 VOLUME 365155.573 3766381.543
** LOCATION L0008996 VOLUME 365192.020 3766390.191
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE3
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.33E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364778.52, 3766312.48, 0.00, 5.00, 0.0
** 365197.51, 3766411.14, 0.00, 5.00, 17.36
** -----
** LOCATION L0008997 VOLUME 364788.265 3766314.794
** LOCATION L0008998 VOLUME 364824.583 3766323.354
** LOCATION L0008999 VOLUME 364860.901 3766331.914
** LOCATION L0009000 VOLUME 364897.220 3766340.475
** LOCATION L0009001 VOLUME 364933.538 3766349.035
** LOCATION L0009002 VOLUME 364969.856 3766357.595
** LOCATION L0009003 VOLUME 365006.175 3766366.155
** LOCATION L0009004 VOLUME 365042.493 3766374.715
** LOCATION L0009005 VOLUME 365078.812 3766383.275
** LOCATION L0009006 VOLUME 365115.130 3766391.836
** LOCATION L0009007 VOLUME 365151.448 3766400.396
** LOCATION L0009008 VOLUME 365187.767 3766408.956
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE4
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.33E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2

```



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** 364774.31, 3766331.61, 0.00, 5.00, 0.0
** 365193.30, 3766430.75, 0.00, 5.00, 17.36
**
-----
LOCATION L0009009 VOLUME 364784.043 3766333.805
LOCATION L0009010 VOLUME 364820.362 3766342.409
LOCATION L0009011 VOLUME 364856.681 3766351.012
LOCATION L0009012 VOLUME 364893.000 3766359.616
LOCATION L0009013 VOLUME 364929.319 3766368.220
LOCATION L0009014 VOLUME 364965.637 3766376.823
LOCATION L0009015 VOLUME 365001.956 3766385.427
LOCATION L0009016 VOLUME 365038.275 3766394.030
LOCATION L0009017 VOLUME 365074.594 3766402.634
LOCATION L0009018 VOLUME 365110.913 3766411.238
LOCATION L0009019 VOLUME 365147.232 3766419.841
LOCATION L0009020 VOLUME 365183.551 3766428.445
** End of Line Source
** Line Source represented by Separated Volume Sources
**
-----
LINE Source ID = SLINES
DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.33E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364771.54, 3766348.80, 0.00, 5.00, 0.0
** 365190.53, 3766448.40, 0.00, 5.00, 17.37
**
-----
LOCATION L0009021 VOLUME 364781.259 3766351.066
LOCATION L0009022 VOLUME 364817.582 3766359.713
LOCATION L0009023 VOLUME 364853.904 3766368.360
LOCATION L0009024 VOLUME 364890.226 3766377.007
LOCATION L0009025 VOLUME 364926.548 3766385.654
LOCATION L0009026 VOLUME 364962.870 3766394.301
LOCATION L0009027 VOLUME 364999.192 3766402.949
LOCATION L0009028 VOLUME 365035.514 3766411.596
LOCATION L0009029 VOLUME 365071.837 3766420.243
LOCATION L0009030 VOLUME 365108.159 3766428.890
LOCATION L0009031 VOLUME 365144.481 3766437.537
LOCATION L0009032 VOLUME 365180.803 3766446.184
** End of Line Source
** Source Parameters **
SRCPARAM L0008973 1.9417E-09 5.00 17.38 2.33
SRCPARAM L0008974 1.9417E-09 5.00 17.38 2.33
SRCPARAM L0008975 1.9417E-09 5.00 17.38 2.33
SRCPARAM L0008976 1.9417E-09 5.00 17.38 2.33
SRCPARAM L0008977 1.9417E-09 5.00 17.38 2.33
SRCPARAM L0008978 1.9417E-09 5.00 17.38 2.33
SRCPARAM L0008979 1.9417E-09 5.00 17.38 2.33
SRCPARAM L0008980 1.9417E-09 5.00 17.38 2.33
SRCPARAM L0008981 1.9417E-09 5.00 17.38 2.33
SRCPARAM L0008982 1.9417E-09 5.00 17.38 2.33
SRCPARAM L0008983 1.9417E-09 5.00 17.38 2.33
SRCPARAM L0008984 1.9417E-09 5.00 17.38 2.33
SRCPARAM L0008985 1.9417E-09 5.00 17.42 2.33
SRCPARAM L0008986 1.9417E-09 5.00 17.42 2.33
SRCPARAM L0008987 1.9417E-09 5.00 17.42 2.33
SRCPARAM L0008988 1.9417E-09 5.00 17.42 2.33
SRCPARAM L0008989 1.9417E-09 5.00 17.42 2.33
SRCPARAM L0008990 1.9417E-09 5.00 17.42 2.33
SRCPARAM L0008991 1.9417E-09 5.00 17.42 2.33
SRCPARAM L0008992 1.9417E-09 5.00 17.42 2.33
SRCPARAM L0008993 1.9417E-09 5.00 17.42 2.33
SRCPARAM L0008994 1.9417E-09 5.00 17.42 2.33
SRCPARAM L0008995 1.9417E-09 5.00 17.42 2.33
SRCPARAM L0008996 1.9417E-09 5.00 17.42 2.33
SRCPARAM L0008997 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0008998 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0008999 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009000 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009001 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009002 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009003 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009004 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009005 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009006 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009007 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009008 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009009 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009010 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009011 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009012 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009013 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009014 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009015 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009016 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009017 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009018 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009019 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009020 1.9417E-09 5.00 17.36 2.33
SRCPARAM L0009021 1.9417E-09 5.00 17.37 2.33
SRCPARAM L0009022 1.9417E-09 5.00 17.37 2.33
SRCPARAM L0009023 1.9417E-09 5.00 17.37 2.33
SRCPARAM L0009024 1.9417E-09 5.00 17.37 2.33
SRCPARAM L0009025 1.9417E-09 5.00 17.37 2.33
SRCPARAM L0009026 1.9417E-09 5.00 17.37 2.33
SRCPARAM L0009027 1.9417E-09 5.00 17.37 2.33
SRCPARAM L0009028 1.9417E-09 5.00 17.37 2.33
SRCPARAM L0009029 1.9417E-09 5.00 17.37 2.33
SRCPARAM L0009030 1.9417E-09 5.00 17.37 2.33
SRCPARAM L0009031 1.9417E-09 5.00 17.37 2.33
SRCPARAM L0009032 1.9417E-09 5.00 17.37 2.33
SRCGROUP ALL
SO FINISHED
**
*****
** ISC-PRIME Receptor Pathway
*****
**
**
RE STARTING
** DESCRREC "Res" "Residential"
DISCCART 365195.56 3766329.20
DISCCART 365046.70 3766293.15
DISCCART 364925.03 3766265.02
DISCCART 364810.05 3766234.54
DISCCART 365230.92 3766352.80
DISCCART 365358.03 3766388.07

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DISCCART 365250.94 3766158.60
DISCCART 365455.33 3766211.83
** BEGIN OF NESTED GRID RECEPTORS

** Nested Grid ID = NSTD2
** Grid Count = 5
** Receptor Count = 417
** X Origin of Bounding Box = 364768.57
** Y Origin of Bounding Box = 3766257.55
** X Size of Bounding Box = 440.00
** Y Size of Bounding Box = 200.00
** Grid #1: Distance from Bounding Box = 25.00 Spacing = 25.00
** Grid #2: Distance from Bounding Box = 50.00 Spacing = 50.00
** Grid #3: Distance from Bounding Box = 100.00 Spacing = 75.00
** Grid #4: Distance from Bounding Box = 200.00 Spacing = 100.00
** Grid #5: Distance from Bounding Box = 500.00 Spacing = 125.00
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DISCCART 364868.57 3766257.55
DISCCART 364888.57 3766257.55
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DISCCART	364643.57	3765882.55
DISCCART	364768.57	3765882.55
DISCCART	364893.57	3765882.55
DISCCART	365018.57	3765882.55

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DISCCART 365393.57 3767007.55
DISCCART 365518.57 3767007.55
DISCCART 365643.57 3767007.55
DISCCART 365768.57 3767007.55
** -----
** END OF NESTED GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name SITE
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART 364787.78 3766259.45
DISCCART 365206.82 3766357.85
DISCCART 365180.28 3766456.25
DISCCART 364769.34 3766358.20
RE FINISHED
**
*****
** ISC-PRIME Meteorology Pathway
*****
**
**
ME STARTING
INPUTFIL C:\AERMOD~1\METDAT~1\WESTLA.ASC
ANEMHGH 97 METERS
SURFDATA 52158 1981
UAIRDATA 91919 1981
ME FINISHED
**
*****
** ISC-PRIME Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST 6TH

```

RECTABLE 24 1ST 6TH
 ** Auto-Generated Plotfiles
 PLOTFILE 24 ALL 1ST PM10HIGH.PR\24H1GALL.PLT
 PLOTFILE 24 ALL 6TH PM10HIGH.PR\24H6GALL.PLT
 PLOTFILE ANNUAL ALL PM10HIGH.PR\AN00GALL.PLT
 OU FINISHED

 *** SETUP Finishes Successfully ***

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**MODELOPTS: CONC URBAN FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --
 **Model Uses NO DRY DEPLETION. DDPLETE = F
 **Model Uses NO WET DEPLETION. WDPLETE = F
 **NO WET SCAVENGING Data Provided.
 **Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations
 **Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:
 1. Final Plume Rise.
 2. Stack-tip Downwash.
 3. Buoyancy-induced Dispersion.
 4. Use Calms Processing Routine.
 5. Not Use Missing Data Processing Routine.
 6. Default wind Profile Exponents.
 7. Default Vertical Potential Temperature Gradients.
 8. "Upper Bound" values for Supersquat Buildings.
 9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 60 Source(s); 1 Source Group(s); and 438 Receptor(s)

**The Model Assumes A Pollutant Type of: PM-10

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

**Output Options Selected:
 Model Outputs Tables of ANNUAL Averages by Receptor
 Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
 Model Outputs External File(s) of High values for Plotting (PLOTFILE Keyword)

**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: Anem. Hgt. (m) = 97.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

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**MODELOPTS: CONC URBAN FLAT DFAULT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0008973	0	0.19417E-08	364794.8	3766274.5	0.0	5.00	17.38	2.33	
L0008974	0	0.19417E-08	364831.2	3766283.0	0.0	5.00	17.38	2.33	
L0008975	0	0.19417E-08	364867.5	3766291.8	0.0	5.00	17.38	2.33	
L0008976	0	0.19417E-08	364903.9	3766300.5	0.0	5.00	17.38	2.33	
L0008977	0	0.19417E-08	364940.2	3766309.0	0.0	5.00	17.38	2.33	
L0008978	0	0.19417E-08	364976.6	3766317.5	0.0	5.00	17.38	2.33	
L0008979	0	0.19417E-08	365013.0	3766326.2	0.0	5.00	17.38	2.33	
L0008980	0	0.19417E-08	365049.3	3766335.0	0.0	5.00	17.38	2.33	
L0008981	0	0.19417E-08	365085.7	3766343.5	0.0	5.00	17.38	2.33	
L0008982	0	0.19417E-08	365122.1	3766352.0	0.0	5.00	17.38	2.33	
L0008983	0	0.19417E-08	365158.4	3766360.8	0.0	5.00	17.38	2.33	
L0008984	0	0.19417E-08	365194.8	3766369.5	0.0	5.00	17.38	2.33	
L0008985	0	0.19417E-08	364791.1	3766295.0	0.0	5.00	17.42	2.33	
L0008986	0	0.19417E-08	364827.6	3766303.8	0.0	5.00	17.42	2.33	
L0008987	0	0.19417E-08	364864.0	3766312.2	0.0	5.00	17.42	2.33	
L0008988	0	0.19417E-08	364900.4	3766321.0	0.0	5.00	17.42	2.33	
L0008989	0	0.19417E-08	364936.9	3766329.5	0.0	5.00	17.42	2.33	
L0008990	0	0.19417E-08	364973.3	3766338.2	0.0	5.00	17.42	2.33	
L0008991	0	0.19417E-08	365009.8	3766347.0	0.0	5.00	17.42	2.33	
L0008992	0	0.19417E-08	365046.2	3766355.5	0.0	5.00	17.42	2.33	
L0008993	0	0.19417E-08	365082.7	3766364.2	0.0	5.00	17.42	2.33	
L0008994	0	0.19417E-08	365119.1	3766372.8	0.0	5.00	17.42	2.33	
L0008995	0	0.19417E-08	365155.6	3766381.5	0.0	5.00	17.42	2.33	
L0008996	0	0.19417E-08	365192.0	3766390.0	0.0	5.00	17.42	2.33	
L0008997	0	0.19417E-08	364788.2	3766314.8	0.0	5.00	17.36	2.33	
L0008998	0	0.19417E-08	364824.6	3766323.2	0.0	5.00	17.36	2.33	
L0008999	0	0.19417E-08	364860.9	3766332.0	0.0	5.00	17.36	2.33	
L0009000	0	0.19417E-08	364897.2	3766340.5	0.0	5.00	17.36	2.33	
L0009001	0	0.19417E-08	364933.5	3766349.0	0.0	5.00	17.36	2.33	
L0009002	0	0.19417E-08	364969.9	3766357.5	0.0	5.00	17.36	2.33	
L0009003	0	0.19417E-08	365006.2	3766366.0	0.0	5.00	17.36	2.33	
L0009004	0	0.19417E-08	365042.5	3766374.8	0.0	5.00	17.36	2.33	
L0009005	0	0.19417E-08	365078.8	3766383.2	0.0	5.00	17.36	2.33	
L0009006	0	0.19417E-08	365115.1	3766391.8	0.0	5.00	17.36	2.33	
L0009007	0	0.19417E-08	365151.4	3766400.2	0.0	5.00	17.36	2.33	
L0009008	0	0.19417E-08	365187.8	3766409.0	0.0	5.00	17.36	2.33	

PM10high.POU.txt
L0009009 0 0.19417E-08 364784.0 3766333.8 0.0 5.00 17.36 2.33
L0009010 0 0.19417E-08 364820.4 3766342.5 0.0 5.00 17.36 2.33
L0009011 0 0.19417E-08 364856.7 3766351.0 0.0 5.00 17.36 2.33
L0009012 0 0.19417E-08 364893.0 3766359.5 0.0 5.00 17.36 2.33
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**MODELOPTS: CONC URBAN FLAT DEFAULT
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*** VOLUME SOURCE DATA ***
SOURCE NUMBER EMISSION RATE X Y BASE RELEASE INIT. INIT. EMISSION
ID PART. (GRAMS/SEC) (METERS) (METERS) ELEV. HEIGHT SY SZ SCALAR VARY
CATS. BY
L0009013 0 0.19417E-08 364929.3 3766368.2 0.0 5.00 17.36 2.33
L0009014 0 0.19417E-08 364965.6 3766376.8 0.0 5.00 17.36 2.33
L0009015 0 0.19417E-08 365002.0 3766385.5 0.0 5.00 17.36 2.33
L0009016 0 0.19417E-08 365038.2 3766394.0 0.0 5.00 17.36 2.33
L0009017 0 0.19417E-08 365074.6 3766402.5 0.0 5.00 17.36 2.33
L0009018 0 0.19417E-08 365110.9 3766411.2 0.0 5.00 17.36 2.33
L0009019 0 0.19417E-08 365147.2 3766419.8 0.0 5.00 17.36 2.33
L0009020 0 0.19417E-08 365183.6 3766428.5 0.0 5.00 17.36 2.33
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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
PAGE 4

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
PAGE 5

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
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L0008973	364808.6	3766257.5	-15.48
L0008973	364828.6	3766257.5	0.45
L0008973	364768.6	3766277.5	-10.98
L0008973	364768.6	3766297.5	-2.49
L0008973	364787.8	3766259.5	-20.81
L0008974	364808.6	3766257.5	-3.30
L0008974	364828.6	3766257.5	-11.74
L0008974	364848.6	3766257.5	-6.49
L0008974	364868.6	3766277.5	0.44
L0008975	364868.6	3766257.5	-3.10

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 L0008976 364888.6 3766277.5 -11.96
 L0008976 364908.6 3766277.5 -9.72
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
 LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	RECEPTOR XR (METERS)	LOCATION YR (METERS)	DISTANCE (METERS)
L0008983	365188.6	3766337.5	0.69
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L0008984	365208.6	3766337.5	-2.54
L0008984	365208.6	3766357.5	-19.12
L0008984	365208.6	3766377.5	-21.46
L0008984	365208.6	3766397.5	-6.17
L0008984	365218.6	3766357.5	-10.76
L0008984	365218.6	3766382.5	-10.29
L0008984	365206.8	3766357.8	-20.55
L0008985	364788.6	3766257.5	0.13
L0008985	364768.6	3766277.5	-8.92
L0008985	364768.6	3766297.5	-14.78
L0008985	364768.6	3766317.5	-5.61
L0008985	364787.8	3766259.5	-1.80
L0008987	364868.6	3766277.5	-2.40
L0008992	365048.6	3766317.5	0.62
L0008994	365128.6	3766337.5	-0.96
L0008996	365208.6	3766357.5	-0.99
L0008996	365208.6	3766377.5	-16.73
L0008996	365208.6	3766397.5	-19.30
L0008996	365208.6	3766417.5	-5.37
L0008996	365218.6	3766382.5	-9.88
L0008996	365218.6	3766407.5	-5.67
L0008996	365206.8	3766357.8	-1.96
L0008997	364768.6	3766297.5	-11.15
L0008997	364768.6	3766317.5	-17.45
L0008997	364768.6	3766337.5	-7.24
L0009008	365208.6	3766377.5	0.43
L0009008	365208.6	3766397.5	-13.55
L0009008	365208.6	3766417.5	-14.84
L0009008	365188.6	3766437.5	-8.81
L0009008	365208.6	3766437.5	-2.03
L0009008	365218.6	3766407.5	-6.48
L0009009	364768.6	3766317.5	-14.89
L0009009	364768.6	3766337.5	-21.41
L0009009	364768.6	3766357.5	-8.98
L0009009	364769.3	3766358.2	-8.76
L0009010	364808.6	3766377.5	-0.38
L0009010	364828.6	3766377.5	-1.38
L0009011	364848.6	3766377.5	-9.61

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
 LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	RECEPTOR XR (METERS)	LOCATION YR (METERS)	DISTANCE (METERS)
L0009012	364888.6	3766397.5	0.93
L0009013	364908.6	3766397.5	-1.46
L0009013	364928.6	3766397.5	-8.06
L0009015	364988.6	3766417.5	-2.63
L0009015	365008.6	3766417.5	-4.65
L0009016	365008.6	3766417.5	0.54
L0009017	365068.6	3766437.5	-1.81
L0009017	365088.6	3766437.5	0.36
L0009018	365088.6	3766437.5	-2.85
L0009019	365148.6	3766457.5	0.45
L0009020	365208.6	3766417.5	-10.01
L0009020	365188.6	3766437.5	-27.03
L0009020	365208.6	3766437.5	-10.75
L0009020	365168.6	3766457.5	-4.67
L0009020	365188.6	3766457.5	-7.90
L0009020	365208.6	3766457.5	0.96
L0009020	365218.6	3766432.5	-2.10
L0009020	365180.3	3766456.2	-9.38
L0009021	364768.6	3766317.5	-1.52
L0009021	364768.6	3766337.5	-18.82
L0009021	364768.6	3766357.5	-23.09
L0009021	364768.6	3766377.5	-7.96
L0009021	364788.6	3766377.5	-9.86
L0009021	364808.6	3766377.5	0.71

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1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
***                                     ***                                     ***
**MODELOPTS: CONC                      URBAN FLAT                          DEFAULT                                PAGE 14

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

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

[illegible]

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

FILE: C:\AERMOD~1\METDAT~1\WESTLA.ASC
 SURFACE STATION NO.: 52158
 NAME: UNKNOWN
 YEAR: 1981

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
 UPPER AIR STATION NO.: 91919
 NAME: UNKNOWN
 YEAR: 1981

YEAR	MONTH	DAY	HOUR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-O (M)	IPCODE	PRATE (mm/HR)
81	1	1	1	67.3	1.00	285.9	7	387.1	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	2	79.9	1.00	286.5	7	397.2	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	3	62.5	1.00	285.9	6	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	4	98.5	1.00	285.9	5	417.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	5	354.0	1.00	285.4	4	427.4	427.4	0.0000	0.0	0.0000	0	0.00
81	1	1	6	139.5	1.00	283.7	5	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	7	94.5	1.00	283.7	6	447.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	8	112.2	1.00	284.3	5	70.1	201.5	0.0000	0.0	0.0000	0	0.00
81	1	1	9	186.5	1.00	287.0	4	144.7	254.3	0.0000	0.0	0.0000	0	0.00
81	1	1	10	256.6	1.00	291.5	3	219.4	307.0	0.0000	0.0	0.0000	0	0.00
81	1	1	11	314.1	1.00	294.8	2	294.0	359.8	0.0000	0.0	0.0000	0	0.00
81	1	1	12	35.6	2.68	290.9	3	368.7	412.5	0.0000	0.0	0.0000	0	0.00
81	1	1	13	64.7	2.24	289.8	3	443.3	465.3	0.0000	0.0	0.0000	0	0.00
81	1	1	14	34.2	2.24	290.4	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	15	44.8	1.34	290.4	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	16	53.2	1.79	289.3	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	17	42.6	0.00	288.1	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	18	30.1	1.00	287.6	5	518.0	468.5	0.0000	0.0	0.0000	0	0.00
81	1	1	19	20.5	0.00	287.0	6	518.0	425.9	0.0000	0.0	0.0000	0	0.00
81	1	1	20	55.7	1.00	287.0	7	518.0	383.4	0.0000	0.0	0.0000	0	0.00
81	1	1	21	43.6	0.00	287.6	7	518.0	340.8	0.0000	0.0	0.0000	0	0.00
81	1	1	22	137.0	1.00	287.0	7	518.0	298.2	0.0000	0.0	0.0000	0	0.00
81	1	1	23	90.7	1.00	286.5	7	518.0	255.6	0.0000	0.0	0.0000	0	0.00
81	1	1	24	67.2	1.00	286.5	6	518.0	213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979,
 L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991,
 L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, L0009002, . . . ,

*** 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
365195.56	3766329.25	0.00000	365046.69	3766293.00	0.00000
364925.03	3766265.00	0.00000	364810.06	3766234.50	0.00000
365230.94	3766352.75	0.00000	365358.03	3766388.00	0.00000
365384.34	3766356.75	0.00000	365410.66	3766309.75	0.00000
365214.22	3766258.25	0.00000	365061.88	3766221.00	0.00000
364950.50	3766192.75	0.00000	364851.97	3766170.25	0.00000
364936.41	3766071.00	0.00000	365000.66	3766093.75	0.00000
365093.69	3766117.00	0.00000	365250.94	3766158.50	0.00000
365455.34	3766211.75	0.00000	364768.56	3766257.50	0.00000
364788.56	3766257.50	0.00000	364808.56	3766257.50	0.00000
364828.56	3766257.50	0.00000	364848.56	3766257.50	0.00000
364868.56	3766257.50	0.00000	364888.56	3766257.50	0.00000
364908.56	3766257.50	0.00000	364928.56	3766257.50	0.00000
364948.56	3766257.50	0.00000	364968.56	3766257.50	0.00000
364988.56	3766257.50	0.00000	365008.56	3766257.50	0.00000
365028.56	3766257.50	0.00000	365048.56	3766257.50	0.00000
365068.56	3766257.50	0.00000	365088.56	3766257.50	0.00000
365108.56	3766257.50	0.00000	365128.56	3766257.50	0.00000
365148.56	3766257.50	0.00000	365168.56	3766257.50	0.00000
365188.56	3766257.50	0.00000	365208.56	3766257.50	0.00000
364768.56	3766277.50	0.00000	364868.56	3766277.50	0.00000
364888.56	3766277.50	0.00000	364908.56	3766277.50	0.00000
364928.56	3766277.50	0.00000	364948.56	3766277.50	0.00000
364968.56	3766277.50	0.00000	364988.56	3766277.50	0.00000
365008.56	3766277.50	0.00000	365028.56	3766277.50	0.00000
365048.56	3766277.50	0.00000	365068.56	3766277.50	0.00000
365088.56	3766277.50	0.00000	365108.56	3766277.50	0.00000
365128.56	3766277.50	0.00000	365148.56	3766277.50	0.00000
365168.56	3766277.50	0.00000	365188.56	3766277.50	0.00000
365208.56	3766277.50	0.00000	364768.56	3766297.50	0.00000
364968.56	3766297.50	0.00001	364988.56	3766297.50	0.00001
365008.56	3766297.50	0.00000	365028.56	3766297.50	0.00000
365048.56	3766297.50	0.00000	365068.56	3766297.50	0.00000
365088.56	3766297.50	0.00000	365108.56	3766297.50	0.00000
365128.56	3766297.50	0.00000	365148.56	3766297.50	0.00000
365168.56	3766297.50	0.00000	365188.56	3766297.50	0.00000
365208.56	3766297.50	0.00000	364768.56	3766317.50	0.00000
365048.56	3766317.50	0.00001	365068.56	3766317.50	0.00001
365088.56	3766317.50	0.00001	365108.56	3766317.50	0.00000
365128.56	3766317.50	0.00000	365148.56	3766317.50	0.00000

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979,
 L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991,
 L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, L0009002, . . . ,

*** 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
365168.56	3766317.50	0.00000	365188.56	3766317.50	0.00000
365208.56	3766317.50	0.00000	364768.56	3766337.50	0.00000
365128.56	3766337.50	0.00001	365148.56	3766337.50	0.00001
365168.56	3766337.50	0.00001	365188.56	3766337.50	0.00000

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PM10high.POU.txt
365208.56 3766337.50 0.00000 364768.56 3766357.50 0.00000
365208.56 3766357.50 0.00001 364768.56 3766377.50 0.00000
364788.56 3766377.50 0.00000 364808.56 3766377.50 0.00001
364828.56 3766377.50 0.00001 364848.56 3766377.50 0.00001
365208.56 3766377.50 0.00001 364768.56 3766397.50 0.00000
364788.56 3766397.50 0.00000 364808.56 3766397.50 0.00001
364828.56 3766397.50 0.00001 364848.56 3766397.50 0.00001
364868.56 3766397.50 0.00001 364888.56 3766397.50 0.00001
364908.56 3766397.50 0.00001 364928.56 3766397.50 0.00001
365208.56 3766397.50 0.00001 364768.56 3766417.50 0.00000
364788.56 3766417.50 0.00000 364808.56 3766417.50 0.00000
364828.56 3766417.50 0.00001 364848.56 3766417.50 0.00001
364868.56 3766417.50 0.00001 364888.56 3766417.50 0.00001
364908.56 3766417.50 0.00001 364928.56 3766417.50 0.00001
364948.56 3766417.50 0.00001 364968.56 3766417.50 0.00001
364988.56 3766417.50 0.00001 365008.56 3766417.50 0.00001
365208.56 3766417.50 0.00001 364768.56 3766437.50 0.00000
364788.56 3766437.50 0.00000 364808.56 3766437.50 0.00000
364828.56 3766437.50 0.00000 364848.56 3766437.50 0.00000
364868.56 3766437.50 0.00001 364888.56 3766437.50 0.00001
364908.56 3766437.50 0.00001 364928.56 3766437.50 0.00001
364948.56 3766437.50 0.00001 364968.56 3766437.50 0.00001
364988.56 3766437.50 0.00001 365008.56 3766437.50 0.00001
365028.56 3766437.50 0.00001 365048.56 3766437.50 0.00001
365068.56 3766437.50 0.00001 365088.56 3766437.50 0.00001
365188.56 3766437.50 0.00001 365208.56 3766437.50 0.00001
364768.56 3766457.50 0.00000 364788.56 3766457.50 0.00000
364808.56 3766457.50 0.00000 364828.56 3766457.50 0.00000
364848.56 3766457.50 0.00000 364868.56 3766457.50 0.00000
364888.56 3766457.50 0.00000 364908.56 3766457.50 0.00001
364928.56 3766457.50 0.00001 364948.56 3766457.50 0.00001
364968.56 3766457.50 0.00001 364988.56 3766457.50 0.00001
365008.56 3766457.50 0.00001 365028.56 3766457.50 0.00001
365048.56 3766457.50 0.00001 365068.56 3766457.50 0.00001
365088.56 3766457.50 0.00001 365108.56 3766457.50 0.00001
365128.56 3766457.50 0.00001 365148.56 3766457.50 0.00001
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979,
L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991,
L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, L0009002, . . . ,
*** 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
365168.56 3766457.50 0.00001 365188.56 3766457.50 0.00001
365208.56 3766457.50 0.00001 364743.56 3766232.50 0.00000
364768.56 3766232.50 0.00000 364793.56 3766232.50 0.00000
364818.56 3766232.50 0.00000 364843.56 3766232.50 0.00000
364868.56 3766232.50 0.00000 364893.56 3766232.50 0.00000
364918.56 3766232.50 0.00000 364943.56 3766232.50 0.00000
364968.56 3766232.50 0.00000 364993.56 3766232.50 0.00000
365018.56 3766232.50 0.00000 365043.56 3766232.50 0.00000
365068.56 3766232.50 0.00000 365093.56 3766232.50 0.00000
365118.56 3766232.50 0.00000 365143.56 3766232.50 0.00000
365168.56 3766232.50 0.00000 365193.56 3766232.50 0.00000
365218.56 3766232.50 0.00000 365243.56 3766232.50 0.00000
364743.56 3766257.50 0.00000 365218.56 3766257.50 0.00000
365243.56 3766257.50 0.00000 364743.56 3766282.50 0.00000
365218.56 3766282.50 0.00000 365243.56 3766282.50 0.00000
364743.56 3766307.50 0.00000 365218.56 3766307.50 0.00000
365243.56 3766307.50 0.00000 364743.56 3766332.50 0.00000
365218.56 3766332.50 0.00000 365243.56 3766332.50 0.00000
364743.56 3766357.50 0.00000 365218.56 3766357.50 0.00001
365243.56 3766357.50 0.00000 364743.56 3766382.50 0.00000
365218.56 3766382.50 0.00001 365243.56 3766382.50 0.00001
364743.56 3766407.50 0.00000 365218.56 3766407.50 0.00001
365243.56 3766407.50 0.00001 364743.56 3766432.50 0.00000
365218.56 3766432.50 0.00001 365243.56 3766432.50 0.00001
364743.56 3766457.50 0.00000 365218.56 3766457.50 0.00001
365243.56 3766457.50 0.00001 364743.56 3766482.50 0.00000
364768.56 3766482.50 0.00000 364793.56 3766482.50 0.00000
364818.56 3766482.50 0.00000 364843.56 3766482.50 0.00000
364868.56 3766482.50 0.00000 364893.56 3766482.50 0.00000
364918.56 3766482.50 0.00000 364943.56 3766482.50 0.00000
364968.56 3766482.50 0.00001 364993.56 3766482.50 0.00001
365018.56 3766482.50 0.00001 365043.56 3766482.50 0.00001
365068.56 3766482.50 0.00001 365093.56 3766482.50 0.00001
365118.56 3766482.50 0.00001 365143.56 3766482.50 0.00001
365168.56 3766482.50 0.00001 365193.56 3766482.50 0.00001
365218.56 3766482.50 0.00001 365243.56 3766482.50 0.00001
364718.56 3766207.50 0.00000 364768.56 3766207.50 0.00000
364818.56 3766207.50 0.00000 364868.56 3766207.50 0.00000
364918.56 3766207.50 0.00000 364968.56 3766207.50 0.00000
365018.56 3766207.50 0.00000 365068.56 3766207.50 0.00000
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979,
L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991,
L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, L0009002, . . . ,
*** 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
365118.56 3766207.50 0.00000 365168.56 3766207.50 0.00000
365218.56 3766207.50 0.00000 365268.56 3766207.50 0.00000
364718.56 3766257.50 0.00000 365268.56 3766257.50 0.00000
364718.56 3766307.50 0.00000 365268.56 3766307.50 0.00000
364718.56 3766357.50 0.00000 365268.56 3766357.50 0.00000
364718.56 3766407.50 0.00000 365268.56 3766407.50 0.00001
364718.56 3766457.50 0.00000 365268.56 3766457.50 0.00001
364718.56 3766507.50 0.00000 364768.56 3766507.50 0.00000
364818.56 3766507.50 0.00000 364868.56 3766507.50 0.00000
364918.56 3766507.50 0.00000 364968.56 3766507.50 0.00000
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PM10high.POU.txt
365018.56 3766507.50 0.00000 365068.56 3766507.50 0.00001
365118.56 3766507.50 0.00001 365168.56 3766507.50 0.00001
365218.56 3766507.50 0.00001 365268.56 3766507.50 0.00000
364668.56 3766157.50 0.00000 364743.56 3766157.50 0.00000
364818.56 3766157.50 0.00000 364893.56 3766157.50 0.00000
364968.56 3766157.50 0.00000 365043.56 3766157.50 0.00000
365118.56 3766157.50 0.00000 365193.56 3766157.50 0.00000
365268.56 3766157.50 0.00000 365343.56 3766157.50 0.00000
364668.56 3766232.50 0.00000 365268.56 3766232.50 0.00000
365343.56 3766232.50 0.00000 364668.56 3766307.50 0.00000
365268.56 3766307.50 0.00000 365343.56 3766307.50 0.00000
364668.56 3766382.50 0.00000 365268.56 3766382.50 0.00000
365343.56 3766382.50 0.00000 364668.56 3766457.50 0.00000
365268.56 3766457.50 0.00001 365343.56 3766457.50 0.00000
364668.56 3766532.50 0.00000 364743.56 3766532.50 0.00000
364818.56 3766532.50 0.00000 364893.56 3766532.50 0.00000
364968.56 3766532.50 0.00000 365043.56 3766532.50 0.00000
365118.56 3766532.50 0.00000 365193.56 3766532.50 0.00000
365268.56 3766532.50 0.00000 365343.56 3766532.50 0.00000
364568.56 3766057.50 0.00000 364668.56 3766057.50 0.00000
364768.56 3766057.50 0.00000 364868.56 3766057.50 0.00000
364968.56 3766057.50 0.00000 365068.56 3766057.50 0.00000
365168.56 3766057.50 0.00000 365268.56 3766057.50 0.00000
365368.56 3766057.50 0.00000 364568.56 3766157.50 0.00000
365368.56 3766157.50 0.00000 364568.56 3766257.50 0.00000
365368.56 3766257.50 0.00000 364568.56 3766357.50 0.00000
365368.56 3766357.50 0.00000 364568.56 3766457.50 0.00000
365368.56 3766457.50 0.00000 364568.56 3766557.50 0.00000
365368.56 3766557.50 0.00000 364568.56 3766657.50 0.00000
364668.56 3766657.50 0.00000 364768.56 3766657.50 0.00000
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979,
L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991,
L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, L0009002, . . . ,
*** 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
364868.56 3766657.50 0.00000 364968.56 3766657.50 0.00000
365068.56 3766657.50 0.00000 365168.56 3766657.50 0.00000
365268.56 3766657.50 0.00000 365368.56 3766657.50 0.00000
364268.56 3765757.50 0.00000 364393.56 3765757.50 0.00000
364518.56 3765757.50 0.00000 364643.56 3765757.50 0.00000
364768.56 3765757.50 0.00000 364893.56 3765757.50 0.00000
365018.56 3765757.50 0.00000 365143.56 3765757.50 0.00000
365268.56 3765757.50 0.00000 365393.56 3765757.50 0.00000
365518.56 3765757.50 0.00000 365643.56 3765757.50 0.00000
365768.56 3765757.50 0.00000 364268.56 3765882.50 0.00000
364393.56 3765882.50 0.00000 364518.56 3765882.50 0.00000
364643.56 3765882.50 0.00000 364768.56 3765882.50 0.00000
364893.56 3765882.50 0.00000 365018.56 3765882.50 0.00000
365143.56 3765882.50 0.00000 365268.56 3765882.50 0.00000
365393.56 3765882.50 0.00000 365518.56 3765882.50 0.00000
365643.56 3765882.50 0.00000 365768.56 3765882.50 0.00000
364268.56 3766007.50 0.00000 364393.56 3766007.50 0.00000
364518.56 3766007.50 0.00000 364643.56 3766007.50 0.00000
364768.56 3766007.50 0.00000 364893.56 3766007.50 0.00000
365018.56 3766007.50 0.00000 365143.56 3766007.50 0.00000
365268.56 3766007.50 0.00000 365393.56 3766007.50 0.00000
365518.56 3766007.50 0.00000 365643.56 3766007.50 0.00000
365768.56 3766007.50 0.00000 364268.56 3766132.50 0.00000
364393.56 3766132.50 0.00000 364518.56 3766132.50 0.00000
365518.56 3766132.50 0.00000 365643.56 3766132.50 0.00000
365768.56 3766132.50 0.00000 364268.56 3766257.50 0.00000
364393.56 3766257.50 0.00000 364518.56 3766257.50 0.00000
365518.56 3766257.50 0.00000 365643.56 3766257.50 0.00000
365768.56 3766257.50 0.00000 364268.56 3766382.50 0.00000
364393.56 3766382.50 0.00000 364518.56 3766382.50 0.00000
365518.56 3766382.50 0.00000 365643.56 3766382.50 0.00000
365768.56 3766382.50 0.00000 364268.56 3766507.50 0.00000
364393.56 3766507.50 0.00000 364518.56 3766507.50 0.00000
365518.56 3766507.50 0.00000 365643.56 3766507.50 0.00000
365768.56 3766507.50 0.00000 364268.56 3766632.50 0.00000
364393.56 3766632.50 0.00000 364518.56 3766632.50 0.00000
365518.56 3766632.50 0.00000 365643.56 3766632.50 0.00000
365768.56 3766632.50 0.00000 364268.56 3766757.50 0.00000
364393.56 3766757.50 0.00000 364518.56 3766757.50 0.00000
364643.56 3766757.50 0.00000 364768.56 3766757.50 0.00000
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979,
L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991,
L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, L0009002, . . . ,
*** 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
364893.56 3766757.50 0.00000 365018.56 3766757.50 0.00000
365143.56 3766757.50 0.00000 365268.56 3766757.50 0.00000
365393.56 3766757.50 0.00000 365518.56 3766757.50 0.00000
365643.56 3766757.50 0.00000 365768.56 3766757.50 0.00000
364268.56 3766882.50 0.00000 364393.56 3766882.50 0.00000
364518.56 3766882.50 0.00000 364643.56 3766882.50 0.00000
364768.56 3766882.50 0.00000 364893.56 3766882.50 0.00000
365018.56 3766882.50 0.00000 365143.56 3766882.50 0.00000
365268.56 3766882.50 0.00000 365393.56 3766882.50 0.00000
365518.56 3766882.50 0.00000 365643.56 3766882.50 0.00000
365768.56 3766882.50 0.00000 364268.56 3767007.50 0.00000
364393.56 3767007.50 0.00000 364518.56 3767007.50 0.00000
364643.56 3767007.50 0.00000 364768.56 3767007.50 0.00000
364893.56 3767007.50 0.00000 365018.56 3767007.50 0.00000
365143.56 3767007.50 0.00000 365268.56 3767007.50 0.00000
365393.56 3767007.50 0.00000 365518.56 3767007.50 0.00000

365643.56 3767007.50 0.00000 PM10high.POU.txt 365768.56 3767007.50 0.00000
364787.78 3766259.50 0.00000 365206.84 3766357.75 0.00001
365180.28 3766456.25 0.00001 364769.34 3766358.25 0.00000
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979,
L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991,
L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, L0009002, . . . ,

*** 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)
365195.56 3766329.25 0.00001c (81103124) 365046.69 3766293.00 0.00001c (81011224)
364925.03 3766265.00 0.00002c (81011224) 364810.06 3766234.50 0.00001c (81011224)
365230.94 3766352.75 0.00001c (81110224) 365358.03 3766388.00 0.00001c (81032624)
365384.34 3766356.75 0.00001c (81032624) 365410.66 3766309.75 0.00000c (81071824)
365214.22 3766258.25 0.00001c (81103024) 365061.88 3766221.00 0.00001c (81122224)
364950.50 3766192.75 0.00001c (81122224) 364851.97 3766170.25 0.00001c (81122224)
364936.41 3766071.00 0.00000 (81122224) 365000.66 3766093.75 0.00001c (81122224)
365093.69 3766117.00 0.00001c (81122224) 365250.94 3766158.50 0.00001c (81103024)
365455.34 3766211.75 0.00000c (81110224) 364768.56 3766257.50 0.00001c (81030624)
364788.56 3766257.50 0.00001c (81011224) 364808.56 3766257.50 0.00001c (81011224)
364828.56 3766257.50 0.00001c (81011224) 364848.56 3766257.50 0.00001c (81011224)
364868.56 3766257.50 0.00001c (81011224) 364888.56 3766257.50 0.00002c (81011224)
364908.56 3766257.50 0.00002c (81011224) 364928.56 3766257.50 0.00002c (81011224)
364948.56 3766257.50 0.00001c (81011224) 364968.56 3766257.50 0.00001c (81011224)
364988.56 3766257.50 0.00001c (81011224) 365008.56 3766257.50 0.00001c (81011224)
365028.56 3766257.50 0.00001c (81011224) 365048.56 3766257.50 0.00001c (81011224)
365068.56 3766257.50 0.00001c (81103124) 365088.56 3766257.50 0.00001c (81103124)
365108.56 3766257.50 0.00001c (81103124) 365128.56 3766257.50 0.00001c (81103124)
365148.56 3766257.50 0.00001c (81103124) 365168.56 3766257.50 0.00001c (81103124)
365188.56 3766257.50 0.00001c (81103024) 365208.56 3766257.50 0.00001c (81103024)
364768.56 3766277.50 0.00001c (81030624) 364868.56 3766277.50 0.00002c (81011224)
364888.56 3766277.50 0.00002c (81011224) 364908.56 3766277.50 0.00002c (81011224)
364928.56 3766277.50 0.00002c (81011224) 364948.56 3766277.50 0.00002c (81011224)
364968.56 3766277.50 0.00002c (81011224) 364988.56 3766277.50 0.00002c (81011224)
365008.56 3766277.50 0.00001c (81011224) 365028.56 3766277.50 0.00001c (81011224)
365048.56 3766277.50 0.00001c (81011224) 365068.56 3766277.50 0.00001c (81103124)
365088.56 3766277.50 0.00001c (81103124) 365108.56 3766277.50 0.00001c (81103124)
365128.56 3766277.50 0.00001c (81103124) 365148.56 3766277.50 0.00001c (81103124)
365168.56 3766277.50 0.00001c (81103124) 365188.56 3766277.50 0.00001c (81103124)
365208.56 3766277.50 0.00001c (81103024) 364768.56 3766297.50 0.00001c (81112724)
364968.56 3766297.50 0.00002c (81011224) 364988.56 3766297.50 0.00002c (81011224)
365008.56 3766297.50 0.00002c (81011224) 365028.56 3766297.50 0.00002c (81011224)
365048.56 3766297.50 0.00002c (81011224) 365068.56 3766297.50 0.00001c (81103124)
365088.56 3766297.50 0.00001c (81103124) 365108.56 3766297.50 0.00001c (81103124)
365128.56 3766297.50 0.00001c (81103124) 365148.56 3766297.50 0.00001c (81103124)
365168.56 3766297.50 0.00001c (81103124) 365188.56 3766297.50 0.00001c (81103124)
365208.56 3766297.50 0.00001c (81103124) 364768.56 3766317.50 0.00001c (81112724)
365048.56 3766317.50 0.00002c (81011224) 365068.56 3766317.50 0.00001c (81011224)
365088.56 3766317.50 0.00001c (81103124) 365108.56 3766317.50 0.00001c (81103124)
365128.56 3766317.50 0.00001c (81103124) 365148.56 3766317.50 0.00001c (81103124)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979,
L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991,
L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, L0009002, . . . ,
*** 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)
365168.56 3766317.50 0.00001c (81103124) 365188.56 3766317.50 0.00001c (81103124)
365208.56 3766317.50 0.00001c (81103124) 364768.56 3766337.50 0.00002c (81112724)
365128.56 3766337.50 0.00001c (81103124) 365148.56 3766337.50 0.00001c (81103124)
365168.56 3766337.50 0.00001c (81103124) 365188.56 3766337.50 0.00001c (81103124)
365208.56 3766337.50 0.00001c (81103124) 364768.56 3766357.50 0.00002c (81112724)
365208.56 3766357.50 0.00001c (81110224) 364768.56 3766377.50 0.00001c (81041924)
364788.56 3766377.50 0.00002c (81041924) 364808.56 3766377.50 0.00002c (81041924)
364828.56 3766377.50 0.00002c (81041924) 364848.56 3766377.50 0.00002c (81041924)
365208.56 3766377.50 0.00001c (81010624) 364768.56 3766397.50 0.00001c (81123124)
364788.56 3766397.50 0.00001c (81123124) 364808.56 3766397.50 0.00002c (81041924)
364828.56 3766397.50 0.00002c (81041924) 364848.56 3766397.50 0.00002c (81041924)
364868.56 3766397.50 0.00002c (81041924) 364888.56 3766397.50 0.00002c (81041924)
364908.56 3766397.50 0.00002c (81041924) 364928.56 3766397.50 0.00002c (81041924)
365208.56 3766397.50 0.00002c (81010624) 364768.56 3766417.50 0.00001c (81123124)
364788.56 3766417.50 0.00001c (81123124) 364808.56 3766417.50 0.00001c (81123124)
364828.56 3766417.50 0.00001c (81123124) 364848.56 3766417.50 0.00002c (81123124)
364868.56 3766417.50 0.00002c (81123124) 364888.56 3766417.50 0.00002c (81123124)
364908.56 3766417.50 0.00002c (81123124) 364928.56 3766417.50 0.00002c (81123124)
364948.56 3766417.50 0.00002c (81123124) 364968.56 3766417.50 0.00002c (81123124)
364988.56 3766417.50 0.00002c (81123124) 365008.56 3766417.50 0.00002c (81050224)
365208.56 3766417.50 0.00002c (81032624) 364768.56 3766437.50 0.00001c (81123124)
364788.56 3766437.50 0.00001c (81123124) 364808.56 3766437.50 0.00001c (81123124)
364828.56 3766437.50 0.00001c (81123124) 364848.56 3766437.50 0.00001c (81123124)
364868.56 3766437.50 0.00001c (81123124) 364888.56 3766437.50 0.00001c (81123124)
364908.56 3766437.50 0.00001c (81123124) 364928.56 3766437.50 0.00002c (81123124)
364948.56 3766437.50 0.00002c (81123124) 364968.56 3766437.50 0.00002c (81123124)
364988.56 3766437.50 0.00002c (81123124) 365008.56 3766437.50 0.00002c (81123124)
365028.56 3766437.50 0.00002c (81123124) 365048.56 3766437.50 0.00002c (81081024)
365068.56 3766437.50 0.00002c (81081024) 365088.56 3766437.50 0.00002c (81081024)
365188.56 3766437.50 0.00002c (81051424) 365208.56 3766437.50 0.00002c (81051424)
364768.56 3766457.50 0.00001c (81123124) 364788.56 3766457.50 0.00001c (81123124)
364808.56 3766457.50 0.00001c (81123124) 364828.56 3766457.50 0.00001c (81123124)
364848.56 3766457.50 0.00001c (81123124) 364868.56 3766457.50 0.00001c (81123124)
364888.56 3766457.50 0.00001c (81123124) 364908.56 3766457.50 0.00001c (81123124)
364928.56 3766457.50 0.00001c (81123124) 364948.56 3766457.50 0.00001c (81123124)
364968.56 3766457.50 0.00001c (81123124) 364988.56 3766457.50 0.00001c (81123124)
365008.56 3766457.50 0.00001c (81123124) 365028.56 3766457.50 0.00001c (81123124)
365048.56 3766457.50 0.00002c (81082524) 365068.56 3766457.50 0.00002c (81082524)
365088.56 3766457.50 0.00002c (81081024) 365108.56 3766457.50 0.00002c (81081024)
365128.56 3766457.50 0.00002c (81081024) 365148.56 3766457.50 0.00002c (81081024)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

PM10high.POU.txt

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, L0009002, . . . ,

*** 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)
365168.56	3766457.50	0.00002c	(81081024)	365188.56	3766457.50	0.00002c	(81051424)
365208.56	3766457.50	0.00002c	(81051424)	364743.56	3766232.50	0.00001c	(81011224)
364768.56	3766232.50	0.00001c	(81011224)	364793.56	3766232.50	0.00001c	(81011224)
364818.56	3766232.50	0.00001c	(81011224)	364843.56	3766232.50	0.00001c	(81011224)
364868.56	3766232.50	0.00001c	(81011224)	364893.56	3766232.50	0.00001c	(81011224)
364918.56	3766232.50	0.00001c	(81011224)	364943.56	3766232.50	0.00001c	(81011224)
364968.56	3766232.50	0.00001c	(81011224)	364993.56	3766232.50	0.00001c	(81011224)
365018.56	3766232.50	0.00001c	(81011224)	365043.56	3766232.50	0.00001c	(81011224)
365068.56	3766232.50	0.00001c	(81103124)	365093.56	3766232.50	0.00001c	(81103024)
365118.56	3766232.50	0.00001c	(81103024)	365143.56	3766232.50	0.00001c	(81103024)
365168.56	3766232.50	0.00001c	(81103024)	365193.56	3766232.50	0.00001c	(81103024)
365218.56	3766232.50	0.00001c	(81103024)	365243.56	3766232.50	0.00001c	(81103024)
364743.56	3766257.50	0.00001c	(81030624)	365218.56	3766257.50	0.00001c	(81103024)
365243.56	3766257.50	0.00001c	(81103024)	364743.56	3766282.50	0.00001c	(81112724)
365218.56	3766282.50	0.00001c	(81103024)	365243.56	3766282.50	0.00001c	(81103024)
364743.56	3766307.50	0.00001c	(81112724)	365218.56	3766307.50	0.00001c	(81103024)
365243.56	3766307.50	0.00001c	(81110224)	364743.56	3766332.50	0.00002c	(81112724)
365218.56	3766332.50	0.00001c	(81103124)	365243.56	3766332.50	0.00001c	(81110224)
364743.56	3766357.50	0.00001c	(81112724)	365218.56	3766357.50	0.00001c	(81110224)
365243.56	3766357.50	0.00001c	(81110224)	364743.56	3766382.50	0.00001c	(81041924)
365218.56	3766382.50	0.00001c	(81010624)	365243.56	3766382.50	0.00001	(81032624)
364743.56	3766407.50	0.00001c	(81123124)	365218.56	3766407.50	0.00001c	(81010624)
365243.56	3766407.50	0.00002	(81032624)	364743.56	3766432.50	0.00001c	(81123124)
365218.56	3766432.50	0.00002c	(81051424)	365243.56	3766432.50	0.00002c	(81051424)
364743.56	3766457.50	0.00001c	(81123124)	365218.56	3766457.50	0.00002c	(81051424)
365243.56	3766457.50	0.00002c	(81051424)	364743.56	3766482.50	0.00001c	(81123124)
364768.56	3766482.50	0.00001c	(81123124)	364793.56	3766482.50	0.00001c	(81123124)
364818.56	3766482.50	0.00001c	(81123124)	364843.56	3766482.50	0.00001c	(81123124)
364868.56	3766482.50	0.00001c	(81123124)	364893.56	3766482.50	0.00001c	(81021424)
364918.56	3766482.50	0.00001c	(81021424)	364943.56	3766482.50	0.00001c	(81021424)
364968.56	3766482.50	0.00001c	(81021424)	364993.56	3766482.50	0.00001c	(81021424)
365018.56	3766482.50	0.00001c	(81021424)	365043.56	3766482.50	0.00001c	(81082524)
365068.56	3766482.50	0.00001c	(81082524)	365093.56	3766482.50	0.00001c	(81082524)
365118.56	3766482.50	0.00001c	(81082524)	365143.56	3766482.50	0.00002c	(81050224)
365168.56	3766482.50	0.00002c	(81050224)	365193.56	3766482.50	0.00002c	(81050224)
365218.56	3766482.50	0.00002c	(81051424)	365243.56	3766482.50	0.00001c	(81051424)
364718.56	3766207.50	0.00001c	(81011224)	364768.56	3766207.50	0.00001c	(81011224)
364818.56	3766207.50	0.00001c	(81011224)	364868.56	3766207.50	0.00001	(81122224)
364918.56	3766207.50	0.00001c	(81011224)	364968.56	3766207.50	0.00001c	(81011224)
365018.56	3766207.50	0.00001	(81122224)	365068.56	3766207.50	0.00001	(81122224)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, L0009002, . . . ,

*** 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)
365118.56	3766207.50	0.00001	(81122224)	365168.56	3766207.50	0.00001c	(81103024)
365218.56	3766207.50	0.00001c	(81103024)	365268.56	3766207.50	0.00001c	(81103024)
364718.56	3766257.50	0.00001c	(81030624)	365268.56	3766257.50	0.00001c	(81103024)
364718.56	3766307.50	0.00001c	(81112724)	365268.56	3766307.50	0.00001c	(81110224)
364718.56	3766357.50	0.00001c	(81112724)	365268.56	3766357.50	0.00001c	(81110224)
364718.56	3766407.50	0.00001c	(81123124)	365268.56	3766407.50	0.00001	(81032624)
364718.56	3766457.50	0.00001c	(81123124)	365268.56	3766457.50	0.00001c	(81051424)
364718.56	3766507.50	0.00001c	(81123124)	364768.56	3766507.50	0.00001c	(81123124)
364818.56	3766507.50	0.00001c	(81123124)	364868.56	3766507.50	0.00001c	(81021424)
364918.56	3766507.50	0.00001c	(81021424)	364968.56	3766507.50	0.00001c	(81021424)
365018.56	3766507.50	0.00001c	(81021424)	365068.56	3766507.50	0.00001c	(81082524)
365118.56	3766507.50	0.00001c	(81050224)	365168.56	3766507.50	0.00001c	(81050224)
365218.56	3766507.50	0.00001c	(81050224)	365268.56	3766507.50	0.00001c	(81101124)
364668.56	3766157.50	0.00000c	(81011224)	364743.56	3766157.50	0.00000c	(81011224)
364818.56	3766157.50	0.00000c	(81011224)	364893.56	3766157.50	0.00001	(81122224)
364968.56	3766157.50	0.00001	(81122224)	365043.56	3766157.50	0.00001	(81122224)
365118.56	3766157.50	0.00001	(81122224)	365193.56	3766157.50	0.00001c	(81103024)
365268.56	3766157.50	0.00000c	(81103024)	365343.56	3766157.50	0.00000c	(81011224)
364668.56	3766232.50	0.00000c	(81030624)	365268.56	3766232.50	0.00001c	(81103024)
365343.56	3766232.50	0.00000c	(81110224)	364668.56	3766307.50	0.00001c	(81112724)
365268.56	3766307.50	0.00001c	(81110224)	365343.56	3766307.50	0.00001c	(81110224)
364668.56	3766382.50	0.00001c	(81030124)	365268.56	3766382.50	0.00001	(81032624)
365343.56	3766382.50	0.00001	(81032624)	364668.56	3766457.50	0.00001c	(81123124)
365268.56	3766457.50	0.00001c	(81051424)	365343.56	3766457.50	0.00001c	(81032224)
364668.56	3766532.50	0.00000c	(81123124)	364743.56	3766532.50	0.00001c	(81123124)
364818.56	3766532.50	0.00001c	(81123124)	364893.56	3766532.50	0.00001c	(81021424)
364968.56	3766532.50	0.00001c	(81021424)	365043.56	3766532.50	0.00001c	(81021424)
365118.56	3766532.50	0.00001c	(81050224)	365193.56	3766532.50	0.00001c	(81050224)
365268.56	3766532.50	0.00001c	(81101124)	365343.56	3766532.50	0.00001c	(81101124)
364568.56	3766057.50	0.00000c	(81011224)	364668.56	3766057.50	0.00000c	(81011224)
364768.56	3766057.50	0.00000c	(81011224)	364868.56	3766057.50	0.00000	(81122224)
364968.56	3766057.50	0.00000	(81122224)	365068.56	3766057.50	0.00000	(81122224)
365168.56	3766057.50	0.00000	(81122224)	365268.56	3766057.50	0.00000c	(81103024)
365368.56	3766057.50	0.00000c	(81103024)	364568.56	3766157.50	0.00000c	(81030624)
365368.56	3766157.50	0.00000c	(81011224)	364568.56	3766257.50	0.00000c	(81030224)
365368.56	3766257.50	0.00000c	(81110224)	364568.56	3766357.50	0.00001c	(81030124)
365368.56	3766357.50	0.00001	(81032624)	364568.56	3766457.50	0.00000c	(81123124)
365368.56	3766457.50	0.00001c	(81032224)	364568.56	3766557.50	0.00000c	(81123124)
365368.56	3766557.50	0.00001c	(81101124)	364568.56	3766657.50	0.00000c	(81102124)
364668.56	3766657.50	0.00000c	(81102124)	364768.56	3766657.50	0.00000c	(81021424)

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**MODELOPTS: CONC

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, L0009002, . . . ,

*** 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)
364868.56	3766657.50	0.00000c	(81021424)	364968.56	3766657.50	0.00000c	(81021424)
365068.56	3766657.50	0.00000c	(81021424)	365168.56	3766657.50	0.00000c	(81050224)
365268.56	3766657.50	0.00001c	(81050224)	365368.56	3766657.50	0.00000c	(81102724)
364268.56	3765757.50	0.00000c	(81011224)	364393.56	3765757.50	0.00000c	(81011224)
364518.56	3765757.50	0.00000c	(81011224)	364643.56	3765757.50	0.00000c	(81020824)
364768.56	3765757.50	0.00000c	(81020824)	364893.56	3765757.50	0.00000c	(81020824)
365018.56	3765757.50	0.00000c	(81122224)	365143.56	3765757.50	0.00000c	(81122224)
365268.56	3765757.50	0.00000c	(81122224)	365393.56	3765757.50	0.00000c	(81103024)
365518.56	3765757.50	0.00000c	(81103024)	365643.56	3765757.50	0.00000c	(81011224)
365768.56	3765757.50	0.00000c	(81011224)	364268.56	3765882.50	0.00000c	(81030624)
364393.56	3765882.50	0.00000c	(81011224)	364518.56	3765882.50	0.00000c	(81011224)
364643.56	3765882.50	0.00000c	(81011224)	364768.56	3765882.50	0.00000c	(81020824)
364893.56	3765882.50	0.00000c	(81122224)	365018.56	3765882.50	0.00000c	(81122224)
365143.56	3765882.50	0.00000c	(81122224)	365268.56	3765882.50	0.00000c	(81103024)
365393.56	3765882.50	0.00000c	(81103024)	365518.56	3765882.50	0.00000c	(81011224)
365643.56	3765882.50	0.00000c	(81011224)	365768.56	3765882.50	0.00000c	(81101824)
364268.56	3766007.50	0.00000c	(81030624)	364393.56	3766007.50	0.00000c	(81030624)
364518.56	3766007.50	0.00000c	(81011224)	364643.56	3766007.50	0.00000c	(81011224)
364768.56	3766007.50	0.00000c	(81020824)	364893.56	3766007.50	0.00000c	(81122224)
365018.56	3766007.50	0.00000c	(81122224)	365143.56	3766007.50	0.00000c	(81122224)
365268.56	3766007.50	0.00000c	(81103024)	365393.56	3766007.50	0.00000c	(81103024)
365518.56	3766007.50	0.00000c	(81011224)	365643.56	3766007.50	0.00000c	(81110224)
365768.56	3766007.50	0.00000c	(81030824)	364268.56	3766132.50	0.00000c	(81030224)
364393.56	3766132.50	0.00000c	(81101224)	364518.56	3766132.50	0.00000c	(81030624)
365518.56	3766132.50	0.00000c	(81110224)	365643.56	3766132.50	0.00000c	(81030824)
365768.56	3766132.50	0.00000c	(81030824)	364268.56	3766257.50	0.00000c	(811112724)
364393.56	3766257.50	0.00000c	(81030224)	364518.56	3766257.50	0.00000c	(81030224)
365518.56	3766257.50	0.00000c	(81110224)	365643.56	3766257.50	0.00000c	(81071824)
365768.56	3766257.50	0.00000c	(81071824)	364268.56	3766382.50	0.00000c	(81030124)
364393.56	3766382.50	0.00000c	(81030124)	364518.56	3766382.50	0.00001c	(81030124)
365518.56	3766382.50	0.00000c	(81032624)	365643.56	3766382.50	0.00000c	(81032624)
365768.56	3766382.50	0.00000c	(81032624)	364268.56	3766507.50	0.00000c	(81030124)
364393.56	3766507.50	0.00000c	(81123124)	364518.56	3766507.50	0.00000c	(81123124)
365518.56	3766507.50	0.00000c	(81032224)	365643.56	3766507.50	0.00000c	(81126224)
365768.56	3766507.50	0.00000c	(81121024)	364268.56	3766632.50	0.00000c	(81123124)
364393.56	3766632.50	0.00000c	(81123124)	364518.56	3766632.50	0.00000c	(81123124)
365518.56	3766632.50	0.00000c	(81101124)	365643.56	3766632.50	0.00000c	(81051424)
365768.56	3766632.50	0.00000c	(81032224)	364268.56	3766757.50	0.00000c	(81012724)
364393.56	3766757.50	0.00000c	(81102124)	364518.56	3766757.50	0.00000c	(81102124)
364643.56	3766757.50	0.00000c	(81102124)	364768.56	3766757.50	0.00000c	(81021424)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, L0009002, . . . ,

*** 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)
364893.56	3766757.50	0.00000c	(81021424)	365018.56	3766757.50	0.00000c	(81021424)
365143.56	3766757.50	0.00000c	(81021424)	365268.56	3766757.50	0.00000c	(81050224)
365393.56	3766757.50	0.00000c	(81050224)	365518.56	3766757.50	0.00000c	(81102724)
365643.56	3766757.50	0.00000c	(81101124)	365768.56	3766757.50	0.00000c	(81101124)
364268.56	3766882.50	0.00000c	(81102124)	364393.56	3766882.50	0.00000c	(81102124)
364518.56	3766882.50	0.00000c	(81102124)	364643.56	3766882.50	0.00000c	(81082524)
364768.56	3766882.50	0.00000c	(81021424)	364893.56	3766882.50	0.00000c	(81021424)
365018.56	3766882.50	0.00000c	(81021424)	365143.56	3766882.50	0.00000c	(81021424)
365268.56	3766882.50	0.00000c	(81050224)	365393.56	3766882.50	0.00000c	(81050224)
365518.56	3766882.50	0.00000c	(81050224)	365643.56	3766882.50	0.00000c	(81102724)
365768.56	3766882.50	0.00000c	(81101124)	364268.56	3767007.50	0.00000c	(81102124)
364393.56	3767007.50	0.00000c	(81102124)	364518.56	3767007.50	0.00000c	(81082524)
364643.56	3767007.50	0.00000c	(81082524)	364768.56	3767007.50	0.00000c	(81021424)
364893.56	3767007.50	0.00000c	(81021424)	365018.56	3767007.50	0.00000c	(81021424)
365143.56	3767007.50	0.00000c	(81021424)	365268.56	3767007.50	0.00000c	(81021424)
365393.56	3767007.50	0.00000c	(81050224)	365518.56	3767007.50	0.00000c	(81050224)
365643.56	3767007.50	0.00000c	(81050224)	365768.56	3767007.50	0.00000c	(81102724)
364787.78	3766259.50	0.00001c	(81011224)	365206.84	3766357.75	0.00001c	(81110224)
365180.28	3766456.25	0.00002c	(81051424)	364769.34	3766358.25	0.00002c	(81112724)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979, L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991, L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, L0009002, . . . ,

*** 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)
365195.56	3766329.25	0.00001c	(81101824)	365046.69	3766293.00	0.00001c	(81110224)
364925.03	3766265.00	0.00001c	(81122324)	364810.06	3766234.50	0.00001c	(81030624)
365230.94	3766352.75	0.00001c	(81110124)	365358.03	3766388.00	0.00001c	(81112524)
365384.34	3766356.75	0.00000c	(81082124)	365410.66	3766309.75	0.00000c	(81050924)
365214.22	3766258.25	0.00001c	(81013124)	365061.88	3766221.00	0.00001c	(81121124)
364950.50	3766192.75	0.00001c	(81102924)	364851.97	3766170.25	0.00000c	(81122324)
364936.41	3766071.00	0.00000c	(81121124)	365000.66	3766093.75	0.00000c	(81121124)
365093.69	3766117.00	0.00000c	(81011124)	365250.94	3766158.50	0.00000c	(81013124)
365455.34	3766211.75	0.00000c	(81050924)	364768.56	3766257.50	0.00001c	(81040324)
364788.56	3766257.50	0.00001c	(81122024)	364808.56	3766257.50	0.00001c	(81122024)
364828.56	3766257.50	0.00001c	(81112924)	364848.56	3766257.50	0.00001c	(81103024)
364868.56	3766257.50	0.00001c	(81103024)	364888.56	3766257.50	0.00001c	(81122324)
364908.56	3766257.50	0.00001c	(81122324)	364928.56	3766257.50	0.00001c	(81122324)
364948.56	3766257.50	0.00001c	(81122324)	364968.56	3766257.50	0.00001c	(81013124)
364988.56	3766257.50	0.00001c	(81013124)	365008.56	3766257.50	0.00001c	(81013124)
365028.56	3766257.50	0.00001c	(81121124)	365048.56	3766257.50	0.00001c	(81121124)
365068.56	3766257.50	0.00001c	(81121124)	365088.56	3766257.50	0.00001c	(81121124)
365108.56	3766257.50	0.00001c	(81121124)	365128.56	3766257.50	0.00001c	(81121124)
365148.56	3766257.50	0.00001c	(81121124)	365168.56	3766257.50	0.00001c	(81011224)
365188.56	3766257.50	0.00001c	(81102924)	365208.56	3766257.50	0.00001c	(81013124)

364768.56 3766277.50 0.00001 (81022824) PM10high.POU.txt 364868.56 3766277.50 0.00001c (81122324)
364888.56 3766277.50 0.00001c (81122724) 364908.56 3766277.50 0.00001c (81122724)
364928.56 3766277.50 0.00001c (81122724) 364948.56 3766277.50 0.00001c (81110224)
364968.56 3766277.50 0.00001c (81122224) 364988.56 3766277.50 0.00001c (81013124)
365008.56 3766277.50 0.00001c (81013124) 365028.56 3766277.50 0.00001c (81013124)
365048.56 3766277.50 0.00001c (81013124) 365068.56 3766277.50 0.00001c (81102924)
365088.56 3766277.50 0.00001c (81102924) 365108.56 3766277.50 0.00001c (81121124)
365128.56 3766277.50 0.00001c (81121124) 365148.56 3766277.50 0.00001c (81121124)
365168.56 3766277.50 0.00001c (81121124) 365188.56 3766277.50 0.00001c (81110224)
365208.56 3766277.50 0.00001c (81013124) 364768.56 3766297.50 0.00001c (81101224)
364968.56 3766297.50 0.00001c (81103024) 364988.56 3766297.50 0.00001c (81013124)
365008.56 3766297.50 0.00001c (81013124) 365028.56 3766297.50 0.00001c (81013124)
365048.56 3766297.50 0.00001c (81013124) 365068.56 3766297.50 0.00001c (81110224)
365088.56 3766297.50 0.00001c (81110224) 365108.56 3766297.50 0.00001c (81110224)
365128.56 3766297.50 0.00001c (81110224) 365148.56 3766297.50 0.00001c (81110224)
365168.56 3766297.50 0.00001c (81102924) 365188.56 3766297.50 0.00001c (81102924)
365208.56 3766297.50 0.00001c (81102924) 364768.56 3766317.50 0.00001c (81030524)
365048.56 3766317.50 0.00001c (81103024) 365068.56 3766317.50 0.00001c (81110124)
365088.56 3766317.50 0.00001c (81110124) 365108.56 3766317.50 0.00001c (81102924)
365128.56 3766317.50 0.00001c (81013124) 365148.56 3766317.50 0.00001c (81102924)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
*** MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 29
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979,
L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991,
L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, L0009002, . . . ,
*** 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)
365168.56 3766317.50 0.00001c (81011124) 365188.56 3766317.50 0.00001c (81011124)
365208.56 3766317.50 0.00001c (81102924) 364768.56 3766337.50 0.00001c (81061224)
365128.56 3766337.50 0.00001c (81011224) 365148.56 3766337.50 0.00001c (81011224)
365168.56 3766337.50 0.00001c (81102924) 365188.56 3766337.50 0.00001c (81102924)
365208.56 3766337.50 0.00001c (81022124) 364768.56 3766357.50 0.00001c (81092924)
365208.56 3766357.50 0.00001c (81101824) 364768.56 3766377.50 0.00001c (81012724)
364788.56 3766377.50 0.00001c (81012724) 364808.56 3766377.50 0.00001c (81012724)
364828.56 3766377.50 0.00001c (81012724) 364848.56 3766377.50 0.00001c (81061224)
365208.56 3766377.50 0.00001c (81030724) 364768.56 3766397.50 0.00001c (81112724)
364788.56 3766397.50 0.00001c (81112724) 364808.56 3766397.50 0.00001c (81012724)
364828.56 3766397.50 0.00001c (81030324) 364848.56 3766397.50 0.00001c (81030324)
364868.56 3766397.50 0.00001c (81030324) 364888.56 3766397.50 0.00001c (81112724)
364908.56 3766397.50 0.00001c (81061224) 364928.56 3766397.50 0.00001c (81022424)
365208.56 3766397.50 0.00001c (81052224) 364768.56 3766417.50 0.00001c (81112724)
364788.56 3766417.50 0.00001c (81021424) 364808.56 3766417.50 0.00001c (81030324)
364828.56 3766417.50 0.00001c (81030324) 364848.56 3766417.50 0.00001c (81041524)
364868.56 3766417.50 0.00001c (81041524) 364888.56 3766417.50 0.00001c (81041524)
364908.56 3766417.50 0.00001c (81082524) 364928.56 3766417.50 0.00001c (81030324)
364948.56 3766417.50 0.00001c (81092924) 364968.56 3766417.50 0.00001c (81092324)
364988.56 3766417.50 0.00001c (81022424) 365008.56 3766417.50 0.00002c (81123124)
365208.56 3766417.50 0.00001c (81090924) 364768.56 3766437.50 0.00001c (81102124)
364788.56 3766437.50 0.00001c (81012724) 364808.56 3766437.50 0.00001c (81102124)
364828.56 3766437.50 0.00001c (81041524) 364848.56 3766437.50 0.00001c (81041524)
364868.56 3766437.50 0.00001c (81102124) 364888.56 3766437.50 0.00001c (81102124)
364908.56 3766437.50 0.00001c (81102124) 364928.56 3766437.50 0.00001c (81041524)
364948.56 3766437.50 0.00001c (81030324) 364968.56 3766437.50 0.00001c (81050224)
364988.56 3766437.50 0.00001c (81092324) 365008.56 3766437.50 0.00001c (81092324)
365028.56 3766437.50 0.00002c (81082724) 365048.56 3766437.50 0.00002c (81051924)
365068.56 3766437.50 0.00002c (81102724) 365088.56 3766437.50 0.00002c (81082724)
365188.56 3766437.50 0.00002c (81081424) 365208.56 3766437.50 0.00001c (81070124)
364768.56 3766457.50 0.00001c (81102124) 364788.56 3766457.50 0.00001c (81102124)
364808.56 3766457.50 0.00001c (81102124) 364828.56 3766457.50 0.00001c (81040624)
364848.56 3766457.50 0.00001c (81041524) 364868.56 3766457.50 0.00001c (81102124)
364888.56 3766457.50 0.00001c (81102124) 364908.56 3766457.50 0.00001c (81102124)
364928.56 3766457.50 0.00001c (81092924) 364948.56 3766457.50 0.00001c (81041924)
364968.56 3766457.50 0.00001c (81041924) 364988.56 3766457.50 0.00001c (81041524)
365008.56 3766457.50 0.00001c (81102124) 365028.56 3766457.50 0.00001c (81081024)
365048.56 3766457.50 0.00001c (81082724) 365068.56 3766457.50 0.00001c (81051924)
365088.56 3766457.50 0.00001c (81032924) 365108.56 3766457.50 0.00002c (81051424)
365128.56 3766457.50 0.00002c (81051424) 365148.56 3766457.50 0.00002c (81082524)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
*** MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 30
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979,
L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991,
L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, L0009002, . . . ,
*** 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)
365168.56 3766457.50 0.00002c (81081424) 365188.56 3766457.50 0.00002c (81091524)
365208.56 3766457.50 0.00001c (81101124) 364743.56 3766232.50 0.00001c (81112924)
364768.56 3766232.50 0.00001c (81112924) 364793.56 3766232.50 0.00001c (81020824)
364818.56 3766232.50 0.00001c (81112924) 364843.56 3766232.50 0.00001c (81103024)
364868.56 3766232.50 0.00001c (81122324) 364893.56 3766232.50 0.00001c (81122324)
364918.56 3766232.50 0.00001c (81122324) 364943.56 3766232.50 0.00001c (81122324)
364968.56 3766232.50 0.00001c (81121124) 364993.56 3766232.50 0.00001c (81121124)
365018.56 3766232.50 0.00001c (81121124) 365043.56 3766232.50 0.00001c (81121124)
365068.56 3766232.50 0.00001c (81121124) 365093.56 3766232.50 0.00001c (81121124)
365118.56 3766232.50 0.00001c (81121124) 365143.56 3766232.50 0.00001c (81121124)
365168.56 3766232.50 0.00001c (81121124) 365193.56 3766232.50 0.00001c (81102924)
365218.56 3766232.50 0.00001c (81013124) 365243.56 3766232.50 0.00001c (81110224)
364743.56 3766257.50 0.00001c (81022824) 365218.56 3766257.50 0.00001c (81013124)
365243.56 3766257.50 0.00001c (81013124) 364743.56 3766282.50 0.00001c (81101224)
365218.56 3766282.50 0.00001c (81011224) 365243.56 3766282.50 0.00001c (81011224)
364743.56 3766307.50 0.00001c (81030524) 365218.56 3766307.50 0.00001c (81011224)
365243.56 3766307.50 0.00001c (81011124) 364743.56 3766332.50 0.00001c (81061224)
365218.56 3766332.50 0.00001c (81013124) 365243.56 3766332.50 0.00001c (81101824)
364743.56 3766357.50 0.00001c (81092924) 365218.56 3766357.50 0.00001c (81121424)
365243.56 3766357.50 0.00001c (81110924) 364743.56 3766382.50 0.00001c (81092924)
365218.56 3766382.50 0.00001c (81010124) 365243.56 3766382.50 0.00001c (81112224)
364743.56 3766407.50 0.00001c (81112724) 365218.56 3766407.50 0.00001c (81052224)
365243.56 3766407.50 0.00001c (81010124) 364743.56 3766432.50 0.00001c (81112724)
365218.56 3766432.50 0.00001c (81070124) 365243.56 3766432.50 0.00001c (81030724)
364743.56 3766457.50 0.00001c (81102124) 365218.56 3766457.50 0.00002c (81081424)
365243.56 3766457.50 0.00001c (81081424) 364743.56 3766482.50 0.00000c (81012724)
Page 19

364768.56 3766482.50 0.00001c (81021424) PM10high.POU.txt 364793.56 3766482.50 0.00001c (81102124)
364818.56 3766482.50 0.00001c (81040624) 364843.56 3766482.50 0.00001c (81040624)
364868.56 3766482.50 0.00001c (81040624) 364893.56 3766482.50 0.00001c (81092924)
364918.56 3766482.50 0.00001c (81092924) 364943.56 3766482.50 0.00001c (81030324)
364968.56 3766482.50 0.00001c (81030324) 364993.56 3766482.50 0.00001c (81032924)
365018.56 3766482.50 0.00001c (81050224) 365043.56 3766482.50 0.00001c (81041524)
365068.56 3766482.50 0.00001c (81082724) 365093.56 3766482.50 0.00001c (81051924)
365118.56 3766482.50 0.00001c (81032924) 365143.56 3766482.50 0.00001c (81052924)
365168.56 3766482.50 0.00001c (81091524) 365193.56 3766482.50 0.00001c (81081424)
365218.56 3766482.50 0.00001c (81080824) 365243.56 3766482.50 0.00001c (81102724)
364718.56 3766207.50 0.00000c (81012024) 364768.56 3766207.50 0.00000c (81112824)
364818.56 3766207.50 0.00000c (81122324) 364868.56 3766207.50 0.00001c (81122324)
364918.56 3766207.50 0.00001c (81122324) 364968.56 3766207.50 0.00001c (81102924)
365018.56 3766207.50 0.00001c (81121124) 365068.56 3766207.50 0.00001c (81121124)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
*** MODELOPTS: CONC URBAN FLAT DEFAULT ***
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979,
L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991,
L0008992, L0008993, L0008994, L0008995, L0008996, L0008998, L0008999, L0009000, L0009001, L0009002, . . . ,
*** 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)
365118.56 3766207.50 0.00001c (81121124) 365168.56 3766207.50 0.00001c (81121124)
365218.56 3766207.50 0.00000c (81013124) 365268.56 3766207.50 0.00000c (81110224)
364718.56 3766257.50 0.00001c (81112924) 365268.56 3766257.50 0.00001c (81011124)
364718.56 3766307.50 0.00001c (81030524) 365268.56 3766307.50 0.00001c (81101324)
364718.56 3766357.50 0.00001c (81022824) 365268.56 3766357.50 0.00001c (81112224)
364718.56 3766407.50 0.00001c (81092924) 365268.56 3766407.50 0.00001c (81012624)
364718.56 3766457.50 0.00001c (81102124) 365268.56 3766457.50 0.00001c (81012624)
364718.56 3766507.50 0.00000c (81012724) 364768.56 3766507.50 0.00000c (81021424)
364818.56 3766507.50 0.00001c (81102124) 364868.56 3766507.50 0.00001c (81041924)
364918.56 3766507.50 0.00001c (81030324) 364968.56 3766507.50 0.00001c (81040624)
365018.56 3766507.50 0.00001c (81102124) 365068.56 3766507.50 0.00001c (81081024)
365118.56 3766507.50 0.00001c (81051924) 365168.56 3766507.50 0.00001c (81051424)
365218.56 3766507.50 0.00001c (81080824) 365268.56 3766507.50 0.00001c (81050224)
364668.56 3766157.50 0.00000c (81101224) 364743.56 3766157.50 0.00000c (81012024)
364818.56 3766157.50 0.00000c (81112924) 364893.56 3766157.50 0.00000c (81101524)
364968.56 3766157.50 0.00000c (81011124) 365043.56 3766157.50 0.00000c (81121124)
365118.56 3766157.50 0.00000c (81102924) 365193.56 3766157.50 0.00000c (81102924)
365268.56 3766157.50 0.00000c (81101324) 365343.56 3766157.50 0.00000c (81013124)
364668.56 3766232.50 0.00000c (81112824) 365268.56 3766232.50 0.00000c (81013124)
365343.56 3766232.50 0.00000c (81030824) 364668.56 3766307.50 0.00001c (81030524)
365268.56 3766307.50 0.00001c (81101324) 365343.56 3766307.50 0.00000c (81030824)
364668.56 3766382.50 0.00001c (81061224) 365268.56 3766382.50 0.00001c (81112524)
365343.56 3766382.50 0.00001c (81112524) 364668.56 3766457.50 0.00000c (81112724)
365268.56 3766457.50 0.00001c (81012624) 365343.56 3766457.50 0.00001c (81010624)
364668.56 3766532.50 0.00000c (81011324) 364743.56 3766532.50 0.00000c (81021424)
364818.56 3766532.50 0.00000c (81092924) 364893.56 3766532.50 0.00001c (81030324)
364968.56 3766532.50 0.00001c (81030324) 365043.56 3766532.50 0.00001c (81082724)
365118.56 3766532.50 0.00001c (81051924) 365193.56 3766532.50 0.00001c (81051424)
365268.56 3766532.50 0.00001c (81080824) 365343.56 3766532.50 0.00001c (81102724)
364568.56 3766057.50 0.00000c (81101224) 364668.56 3766057.50 0.00000c (81112824)
364768.56 3766057.50 0.00000c (81031024) 364868.56 3766057.50 0.00000c (81101524)
364968.56 3766057.50 0.00000c (81121124) 365068.56 3766057.50 0.00000c (81101524)
365168.56 3766057.50 0.00000c (81011124) 365268.56 3766057.50 0.00000c (81013124)
365368.56 3766057.50 0.00000c (81101824) 364568.56 3766157.50 0.00000c (81040324)
365368.56 3766157.50 0.00000c (81013124) 364568.56 3766257.50 0.00000c (81022824)
365368.56 3766257.50 0.00000c (81103124) 364568.56 3766357.50 0.00000c (81100124)
365368.56 3766357.50 0.00000c (81110224) 364568.56 3766457.50 0.00000c (81030424)
365368.56 3766457.50 0.00001c (81030724) 364568.56 3766557.50 0.00000c (81041924)
365368.56 3766557.50 0.00001c (81091524) 364568.56 3766657.50 0.00000c (81040624)
364668.56 3766657.50 0.00000c (81060524) 364768.56 3766657.50 0.00000c (81030424)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
*** MODELOPTS: CONC URBAN FLAT DEFAULT ***
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979,
L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991,
L0008992, L0008993, L0008994, L0008995, L0008996, L0008998, L0008999, L0009000, L0009001, L0009002, . . . ,
*** 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)
364868.56 3766657.50 0.00000c (81123124) 364968.56 3766657.50 0.00000c (81112424)
365068.56 3766657.50 0.00000c (81050224) 365168.56 3766657.50 0.00000c (81082724)
365268.56 3766657.50 0.00000c (81041424) 365368.56 3766657.50 0.00000c (81051424)
364268.56 3765757.50 0.00000c (81070424) 364393.56 3765757.50 0.00000c (81021024)
364518.56 3765757.50 0.00000c (81021024) 364643.56 3765757.50 0.00000c (81112324)
364768.56 3765757.50 0.00000c (81031524) 364893.56 3765757.50 0.00000c (81103124)
365018.56 3765757.50 0.00000c (81012424) 365143.56 3765757.50 0.00000c (81121124)
365268.56 3765757.50 0.00000c (81011124) 365393.56 3765757.50 0.00000c (81011224)
365518.56 3765757.50 0.00000c (81010624) 365643.56 3765757.50 0.00000c (81110124)
365768.56 3765757.50 0.00000c (81042024) 364268.56 3765882.50 0.00000c (81101224)
364393.56 3765882.50 0.00000c (81070424) 364518.56 3765882.50 0.00000c (81021024)
364643.56 3765882.50 0.00000c (81112824) 364768.56 3765882.50 0.00000c (81121524)
364893.56 3765882.50 0.00000c (81103124) 365018.56 3765882.50 0.00000c (81103024)
365143.56 3765882.50 0.00000c (81121124) 365268.56 3765882.50 0.00000c (81011224)
365393.56 3765882.50 0.00000c (81102924) 365518.56 3765882.50 0.00000c (81110124)
365643.56 3765882.50 0.00000c (81110224) 365768.56 3765882.50 0.00000c (81101324)
364268.56 3766007.50 0.00000c (81012024) 364393.56 3766007.50 0.00000c (81040324)
364518.56 3766007.50 0.00000c (81070424) 364643.56 3766007.50 0.00000c (81122324)
364768.56 3766007.50 0.00000c (81022024) 364893.56 3766007.50 0.00000c (81101524)
365018.56 3766007.50 0.00000c (81121124) 365143.56 3766007.50 0.00000c (81011124)
365268.56 3766007.50 0.00000c (81103124) 365393.56 3766007.50 0.00000c (81101824)
365518.56 3766007.50 0.00000c (81013124) 365643.56 3766007.50 0.00000c (81101324)
365768.56 3766007.50 0.00000c (81080324) 364268.56 3766132.50 0.00000c (81111024)
364393.56 3766132.50 0.00000c (81030224) 364518.56 3766132.50 0.00000c (81012024)
365518.56 3766132.50 0.00000c (81101324) 365643.56 3766132.50 0.00000c (81101424)
365768.56 3766132.50 0.00000c (81120124) 364268.56 3766257.50 0.00000c (81042824)
364393.56 3766257.50 0.00000c (81042824) 364518.56 3766257.50 0.00000c (81022824)
365518.56 3766257.50 0.00000c (81120124) 365643.56 3766257.50 0.00000c (81121424)
365768.56 3766257.50 0.00000c (81110924) 364268.56 3766382.50 0.00000c (81041924)
364393.56 3766382.50 0.00000c (81100124) 364518.56 3766382.50 0.00000c (81100124)
365518.56 3766382.50 0.00000c (81121524) 365643.56 3766382.50 0.00000c (81112024)
365768.56 3766382.50 0.00000c (81091924) 364268.56 3766507.50 0.00000c (81022424)
Page 20

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364868.56 3766657.50 0.00000c (81123124) 364968.56 3766657.50 0.00000c (81112424)
365068.56 3766657.50 0.00000c (81050224) 365168.56 3766657.50 0.00000c (81082724)
365268.56 3766657.50 0.00000c (81041424) 365368.56 3766657.50 0.00000c (81051424)
364268.56 3765757.50 0.00000c (81070424) 364393.56 3765757.50 0.00000c (81021024)
364518.56 3765757.50 0.00000c (81021024) 364643.56 3765757.50 0.00000c (81112324)
364768.56 3765757.50 0.00000c (81031524) 364893.56 3765757.50 0.00000c (81103124)
365018.56 3765757.50 0.00000c (81012424) 365143.56 3765757.50 0.00000c (81121124)
365268.56 3765757.50 0.00000c (81011124) 365393.56 3765757.50 0.00000c (81011224)
365518.56 3765757.50 0.00000c (81010624) 365643.56 3765757.50 0.00000c (81110124)
365768.56 3765757.50 0.00000c (81042024) 364268.56 3765882.50 0.00000c (81101224)
364393.56 3765882.50 0.00000c (81070424) 364518.56 3765882.50 0.00000c (81021024)
364643.56 3765882.50 0.00000c (81112824) 364768.56 3765882.50 0.00000c (81121524)
364893.56 3765882.50 0.00000c (81103124) 365018.56 3765882.50 0.00000c (81103024)
365143.56 3765882.50 0.00000c (81121124) 365268.56 3765882.50 0.00000c (81011224)
365393.56 3765882.50 0.00000c (81102924) 365518.56 3765882.50 0.00000c (81110124)
365643.56 3765882.50 0.00000c (81110224) 365768.56 3765882.50 0.00000c (81101324)
364268.56 3766007.50 0.00000c (81012024) 364393.56 3766007.50 0.00000c (81040324)
364518.56 3766007.50 0.00000c (81070424) 364643.56 3766007.50 0.00000c (81122324)
364768.56 3766007.50 0.00000c (81022024) 364893.56 3766007.50 0.00000c (81101524)
365018.56 3766007.50 0.00000c (81121124) 365143.56 3766007.50 0.00000c (81011124)
365268.56 3766007.50 0.00000c (81103124) 365393.56 3766007.50 0.00000c (81101824)
365518.56 3766007.50 0.00000c (81013124) 365643.56 3766007.50 0.00000c (81101324)
365768.56 3766007.50 0.00000c (81080324) 364268.56 3766132.50 0.00000c (81111024)
364393.56 3766132.50 0.00000c (81030224) 364518.56 3766132.50 0.00000c (81012024)
365518.56 3766132.50 0.00000c (81101324) 365643.56 3766132.50 0.00000c (81101424)
365768.56 3766132.50 0.00000c (81120124) 364268.56 3766257.50 0.00000c (81042824)
364393.56 3766257.50 0.00000c (81042824) 364518.56 3766257.50 0.00000c (81022824)
365518.56 3766257.50 0.00000c (81120124) 365643.56 3766257.50 0.00000c (81121424)
365768.56 3766257.50 0.00000c (81110924) 364268.56 3766382.50 0.00000c (81041924)
364393.56 3766382.50 0.00000c (81100124) 364518.56 3766382.50 0.00000c (81100124)
365518.56 3766382.50 0.00000c (81121524) 365643.56 3766382.50 0.00000c (81112024)
365768.56 3766382.50 0.00000c (81091924) 364268.56 3766507.50 0.00000c (81022424)
Page 20

PAGE 32

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364393.56 3766507.50 0.00000c (81122824) PM10high.POU.txt 364518.56 3766507.50 0.00000c (81030124)
365518.56 3766507.50 0.00000c (81010624) 365643.56 3766507.50 0.00000c (81121924)
365768.56 3766507.50 0.00000c (81010624) 364268.56 3766632.50 0.00000c (81051024)
364393.56 3766632.50 0.00000c (81022324) 364518.56 3766632.50 0.00000c (81092924)
365518.56 3766632.50 0.00000c (81051424) 365643.56 3766632.50 0.00000c (81101124)
365768.56 3766632.50 0.00000c (81100724) 364268.56 3766757.50 0.00000c (81081124)
364393.56 3766757.50 0.00000c (81060524) 364518.56 3766757.50 0.00000c (81040624)
364643.56 3766757.50 0.00000c (81060524) 364768.56 3766757.50 0.00000c (81082524)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
***

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***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 33

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0008973, L0008974, L0008975, L0008976, L0008977, L0008978, L0008979,
L0008980, L0008981, L0008982, L0008983, L0008984, L0008985, L0008986, L0008987, L0008988, L0008989, L0008990, L0008991,
L0008992, L0008993, L0008994, L0008995, L0008996, L0008997, L0008998, L0008999, L0009000, L0009001, L0009002, . . . ,

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*** 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)
364893.56 3766757.50 0.00000c (81012524) 365018.56 3766757.50 0.00000c (81012224)
365143.56 3766757.50 0.00000c (81032924) 365268.56 3766757.50 0.00000c (81081624)
365393.56 3766757.50 0.00000c (81041424) 365518.56 3766757.50 0.00000c (81072824)
365643.56 3766757.50 0.00000c (81082624) 365768.56 3766757.50 0.00000c (81051424)
364268.56 3766882.50 0.00000c (81011324) 364393.56 3766882.50 0.00000c (81011324)
364518.56 3766882.50 0.00000c (81040624) 364643.56 3766882.50 0.00000c (81112424)
364768.56 3766882.50 0.00000c (81041524) 364893.56 3766882.50 0.00000c (81011824)
365018.56 3766882.50 0.00000c (81041124) 365143.56 3766882.50 0.00000c (81110824)
365268.56 3766882.50 0.00000c (81083024) 365393.56 3766882.50 0.00000c (81082524)
365518.56 3766882.50 0.00000c (81041424) 365643.56 3766882.50 0.00000c (81073124)
365768.56 3766882.50 0.00000c (81091524) 364268.56 3767007.50 0.00000c (81112424)
364393.56 3767007.50 0.00000c (81011324) 364518.56 3767007.50 0.00000c (81041324)
364643.56 3767007.50 0.00000c (81041524) 364768.56 3767007.50 0.00000c (81112424)
364893.56 3767007.50 0.00000c (81041524) 365018.56 3767007.50 0.00000c (81061524)
365143.56 3767007.50 0.00000c (81020324) 365268.56 3767007.50 0.00000c (81032924)
365393.56 3767007.50 0.00000c (81081024) 365518.56 3767007.50 0.00000c (81051424)
365643.56 3767007.50 0.00000c (81041424) 365768.56 3767007.50 0.00000c (81073124)
364787.78 3766259.50 0.00001c (81101224) 365206.84 3766357.75 0.00001c (81110724)
365180.28 3766456.25 0.00002c (81081424) 364769.34 3766358.25 0.00001c (81092924)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
***

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***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 34

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*** THE SUMMARY OF MAXIMUM PERIOD ( 8760 HRS) RESULTS ***
** CONC OF PM-10 IN MICROGRAMS/M**3 **
GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZFLAG) OF TYPE NETWORK GRID-ID
ALL 1ST HIGHEST VALUE IS 0.00001 AT ( 365068.56, 3766437.50, 0.00, 0.00) DC NA
2ND HIGHEST VALUE IS 0.00001 AT ( 365008.56, 3766417.50, 0.00, 0.00) DC NA
3RD HIGHEST VALUE IS 0.00001 AT ( 365028.56, 3766437.50, 0.00, 0.00) DC NA
4TH HIGHEST VALUE IS 0.00001 AT ( 364928.56, 3766397.50, 0.00, 0.00) DC NA
5TH HIGHEST VALUE IS 0.00001 AT ( 365048.56, 3766437.50, 0.00, 0.00) DC NA
6TH HIGHEST VALUE IS 0.00001 AT ( 364988.56, 3766417.50, 0.00, 0.00) DC NA
*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
***

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***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 35

```

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***
** CONC OF PM-10 IN MICROGRAMS/M**3 **
GROUP ID AVERAGE CONC DATE (YYMMDDHH) RECEPTOR (XR, YR, ZELEV, ZFLAG) OF TYPE NETWORK GRID-ID
ALL HIGH 1ST HIGH VALUE IS 0.00002c ON 81051424: AT ( 365218.56, 3766457.50, 0.00, 0.00) DC NA
HIGH 6TH HIGH VALUE IS 0.00002c ON 81081424: AT ( 365180.28, 3766456.25, 0.00, 0.00) DC NA
*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
***

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***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 36

*** Message Summary : ISC3P Model Execution ***

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

```

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 1673 Informational Message(s)

```

A Total of 1673 Calm Hours Identified

```

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

```

```

***** WARNING MESSAGES *****
*** NONE ***

```

```
*****  
*** ISC3P  Finishes Successfully ***  
*****
```

PM2.5

```

**
*****
**
** ISC-PRIME Input Produced by:
** AERMOD View Ver. 6.0.0
** Lakes Environmental Software Inc.
** Date: 8/31/2009
** File: C:\AERMOD Projects\EXPO\Expo LST\ISC3 runs\Highest\PM25\PM25high.PIN
**
*****
**
**
*****
** ISC-PRIME Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc
  MODELOPT DFAULT CONC URBAN
  AVERTIME 24 ANNUAL
  POLLUTID PM2.5
  TERRHGTs FLAT
  RUNORNOT RUN
CO FINISHED
**
*****
** ISC-PRIME Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE1
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.11E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364785.07, 3766272.26, 0.00, 5.00, 0.0
** 365204.52, 3766371.86, 0.00, 5.00, 17.38
** -----
** LOCATION L0009033 VOLUME 364794.793 3766274.558
** LOCATION L0009034 VOLUME 364831.157 3766283.184
** LOCATION L0009035 VOLUME 364867.521 3766291.810
** LOCATION L0009036 VOLUME 364903.886 3766300.435
** LOCATION L0009037 VOLUME 364940.250 3766309.061
** LOCATION L0009038 VOLUME 364976.615 3766317.687
** LOCATION L0009039 VOLUME 365012.979 3766326.313
** LOCATION L0009040 VOLUME 365049.344 3766334.939
** LOCATION L0009041 VOLUME 365085.708 3766343.565
** LOCATION L0009042 VOLUME 365122.072 3766352.190
** LOCATION L0009043 VOLUME 365158.437 3766360.816
** LOCATION L0009044 VOLUME 365194.801 3766369.442
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE2
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.11E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364781.36, 3766292.87, 0.00, 5.00, 0.0
** 365201.75, 3766392.48, 0.00, 5.00, 17.42
** -----
** LOCATION L0009045 VOLUME 364791.105 3766295.059
** LOCATION L0009046 VOLUME 364827.552 3766303.707
** LOCATION L0009047 VOLUME 364863.999 3766312.356
** LOCATION L0009048 VOLUME 364900.445 3766321.004
** LOCATION L0009049 VOLUME 364936.892 3766329.652
** LOCATION L0009050 VOLUME 364973.339 3766338.301
** LOCATION L0009051 VOLUME 365009.786 3766346.949
** LOCATION L0009052 VOLUME 365046.233 3766355.598
** LOCATION L0009053 VOLUME 365082.680 3766364.246
** LOCATION L0009054 VOLUME 365119.126 3766372.894
** LOCATION L0009055 VOLUME 365155.573 3766381.543
** LOCATION L0009056 VOLUME 365192.020 3766390.191
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE3
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.11E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364778.52, 3766312.48, 0.00, 5.00, 0.0
** 365197.51, 3766411.14, 0.00, 5.00, 17.36
** -----
** LOCATION L0009057 VOLUME 364788.265 3766314.794
** LOCATION L0009058 VOLUME 364824.583 3766323.354
** LOCATION L0009059 VOLUME 364860.901 3766331.914
** LOCATION L0009060 VOLUME 364897.220 3766340.475
** LOCATION L0009061 VOLUME 364933.538 3766349.035
** LOCATION L0009062 VOLUME 364969.856 3766357.595
** LOCATION L0009063 VOLUME 365006.175 3766366.155
** LOCATION L0009064 VOLUME 365042.493 3766374.715
** LOCATION L0009065 VOLUME 365078.812 3766383.275
** LOCATION L0009066 VOLUME 365115.130 3766391.836
** LOCATION L0009067 VOLUME 365151.448 3766400.396
** LOCATION L0009068 VOLUME 365187.767 3766408.956
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = SLINE4
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.11E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2

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** 364774.31, 3766331.61, 0.00, 5.00, 0.0
** 365193.30, 3766430.75, 0.00, 5.00, 17.36
**
LOCATION L0009069 VOLUME 364784.043 3766333.805
LOCATION L0009070 VOLUME 364820.362 3766342.409
LOCATION L0009071 VOLUME 364856.681 3766351.012
LOCATION L0009072 VOLUME 364893.000 3766359.616
LOCATION L0009073 VOLUME 364929.319 3766368.220
LOCATION L0009074 VOLUME 364965.637 3766376.823
LOCATION L0009075 VOLUME 365001.956 3766385.427
LOCATION L0009076 VOLUME 365038.275 3766394.030
LOCATION L0009077 VOLUME 365074.594 3766402.634
LOCATION L0009078 VOLUME 365110.913 3766411.238
LOCATION L0009079 VOLUME 365147.232 3766419.841
LOCATION L0009080 VOLUME 365183.551 3766428.445
** End of Line Source
** Line Source represented by Separated Volume Sources
**
LINE Source ID = SLINES
** DESCRSRC
** Length of Side = 20.00
** Emission Rate = 2.11E-08
** Vertical Dimension = 5.00
** SZINIT = 2.33
** Nodes = 2
** 364771.54, 3766348.80, 0.00, 5.00, 0.0
** 365190.53, 3766448.40, 0.00, 5.00, 17.37
**
LOCATION L0009081 VOLUME 364781.259 3766351.066
LOCATION L0009082 VOLUME 364817.582 3766359.713
LOCATION L0009083 VOLUME 364853.904 3766368.360
LOCATION L0009084 VOLUME 364890.226 3766377.007
LOCATION L0009085 VOLUME 364926.548 3766385.654
LOCATION L0009086 VOLUME 364962.870 3766394.301
LOCATION L0009087 VOLUME 364999.192 3766402.949
LOCATION L0009088 VOLUME 365035.514 3766411.596
LOCATION L0009089 VOLUME 365071.837 3766420.243
LOCATION L0009090 VOLUME 365108.159 3766428.890
LOCATION L0009091 VOLUME 365144.481 3766437.537
LOCATION L0009092 VOLUME 365180.803 3766446.184
** End of Line Source
** Source Parameters **
SRCPARAM L0009033 1.7583E-09 5.00 17.38 2.33
SRCPARAM L0009034 1.7583E-09 5.00 17.38 2.33
SRCPARAM L0009035 1.7583E-09 5.00 17.38 2.33
SRCPARAM L0009036 1.7583E-09 5.00 17.38 2.33
SRCPARAM L0009037 1.7583E-09 5.00 17.38 2.33
SRCPARAM L0009038 1.7583E-09 5.00 17.38 2.33
SRCPARAM L0009039 1.7583E-09 5.00 17.38 2.33
SRCPARAM L0009040 1.7583E-09 5.00 17.38 2.33
SRCPARAM L0009041 1.7583E-09 5.00 17.38 2.33
SRCPARAM L0009042 1.7583E-09 5.00 17.38 2.33
SRCPARAM L0009043 1.7583E-09 5.00 17.38 2.33
SRCPARAM L0009044 1.7583E-09 5.00 17.38 2.33
SRCPARAM L0009045 1.7583E-09 5.00 17.42 2.33
SRCPARAM L0009046 1.7583E-09 5.00 17.42 2.33
SRCPARAM L0009047 1.7583E-09 5.00 17.42 2.33
SRCPARAM L0009048 1.7583E-09 5.00 17.42 2.33
SRCPARAM L0009049 1.7583E-09 5.00 17.42 2.33
SRCPARAM L0009050 1.7583E-09 5.00 17.42 2.33
SRCPARAM L0009051 1.7583E-09 5.00 17.42 2.33
SRCPARAM L0009052 1.7583E-09 5.00 17.42 2.33
SRCPARAM L0009053 1.7583E-09 5.00 17.42 2.33
SRCPARAM L0009054 1.7583E-09 5.00 17.42 2.33
SRCPARAM L0009055 1.7583E-09 5.00 17.42 2.33
SRCPARAM L0009056 1.7583E-09 5.00 17.42 2.33
SRCPARAM L0009057 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009058 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009059 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009060 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009061 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009062 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009063 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009064 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009065 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009066 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009067 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009068 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009069 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009070 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009071 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009072 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009073 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009074 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009075 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009076 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009077 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009078 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009079 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009080 1.7583E-09 5.00 17.36 2.33
SRCPARAM L0009081 1.7583E-09 5.00 17.37 2.33
SRCPARAM L0009082 1.7583E-09 5.00 17.37 2.33
SRCPARAM L0009083 1.7583E-09 5.00 17.37 2.33
SRCPARAM L0009084 1.7583E-09 5.00 17.37 2.33
SRCPARAM L0009085 1.7583E-09 5.00 17.37 2.33
SRCPARAM L0009086 1.7583E-09 5.00 17.37 2.33
SRCPARAM L0009087 1.7583E-09 5.00 17.37 2.33
SRCPARAM L0009088 1.7583E-09 5.00 17.37 2.33
SRCPARAM L0009089 1.7583E-09 5.00 17.37 2.33
SRCPARAM L0009090 1.7583E-09 5.00 17.37 2.33
SRCPARAM L0009091 1.7583E-09 5.00 17.37 2.33
SRCPARAM L0009092 1.7583E-09 5.00 17.37 2.33
SRCGROUP ALL
SO FINISHED
**
*****
** ISC-PRIME Receptor Pathway
*****
**
**
RE STARTING
** DESCRREC "Res" "Residential"
DISCCART 365195.56 3766329.20
DISCCART 365046.70 3766293.15
DISCCART 364925.03 3766265.02
DISCCART 364810.05 3766234.54
DISCCART 365230.92 3766352.80
DISCCART 365358.03 3766388.07

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DISCCART 365384.34 3766356.86
DISCCART 365410.66 3766309.74
DISCCART 365214.23 3766258.34
DISCCART 365061.86 3766221.01
DISCCART 364950.49 3766192.86
DISCCART 364851.97 3766170.22
DISCCART 364936.41 3766071.09
DISCCART 365000.67 3766093.73
DISCCART 365093.68 3766116.99
DISCCART 365250.94 3766158.60
DISCCART 365455.33 3766211.83
** BEGIN OF NESTED GRID RECEPTORS

** Nested Grid ID = NSTD2
** Grid Count = 5
** Receptor Count = 417
** X Origin of Bounding Box = 364768.57
** Y Origin of Bounding Box = 3766257.55
** X Size of Bounding Box = 440.00
** Y Size of Bounding Box = 200.00
** Grid #1: Distance from Bounding Box = 25.00 Spacing = 25.00
** Grid #2: Distance from Bounding Box = 50.00 Spacing = 50.00
** Grid #3: Distance from Bounding Box = 100.00 Spacing = 75.00
** Grid #4: Distance from Bounding Box = 200.00 Spacing = 100.00
** Grid #5: Distance from Bounding Box = 500.00 Spacing = 125.00
DISCCART 364768.57 3766257.55
DISCCART 364788.57 3766257.55
DISCCART 364808.57 3766257.55
DISCCART 364828.57 3766257.55
DISCCART 364848.57 3766257.55
DISCCART 364868.57 3766257.55
DISCCART 364888.57 3766257.55
DISCCART 364908.57 3766257.55
DISCCART 364928.57 3766257.55
DISCCART 364948.57 3766257.55
DISCCART 364968.57 3766257.55
DISCCART 364988.57 3766257.55
DISCCART 365008.57 3766257.55
DISCCART 365028.57 3766257.55
DISCCART 365048.57 3766257.55
DISCCART 365068.57 3766257.55
DISCCART 365088.57 3766257.55
DISCCART 365108.57 3766257.55
DISCCART 365128.57 3766257.55
DISCCART 365148.57 3766257.55
DISCCART 365168.57 3766257.55
DISCCART 365188.57 3766257.55
DISCCART 365208.57 3766257.55
DISCCART 364768.57 3766277.55
DISCCART 364868.57 3766277.55
DISCCART 364888.57 3766277.55
DISCCART 364908.57 3766277.55
DISCCART 364928.57 3766277.55
DISCCART 364948.57 3766277.55
DISCCART 364968.57 3766277.55
DISCCART 364988.57 3766277.55
DISCCART 365008.57 3766277.55
DISCCART 365028.57 3766277.55
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DISCCART	365018.57	3765882.55

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DISCCART 365518.57 3767007.55
DISCCART 365643.57 3767007.55
DISCCART 365768.57 3767007.55
** -----
** END OF NESTED GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name SITE
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART 364787.78 3766259.45
DISCCART 365206.82 3766357.85
DISCCART 365180.28 3766456.25
DISCCART 364769.34 3766358.20
RE FINISHED
**
*****
** ISC-PRIME Meteorology Pathway
*****
**
**
ME STARTING
INPUTFIL C:\AERMOD~1\METDAT~1\WESTLA.ASC
ANEMHGH 97 METERS
SURFDATA 52158 1981
UAIRDATA 91919 1981
ME FINISHED
**
*****
** ISC-PRIME Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST 6TH

```

RECTABLE 24 1ST 6TH
 ** Auto-Generated Plotfiles
 PLOTFILE 24 ALL 1ST PM25HIGH.PR\24H1GALL.PLT
 PLOTFILE 24 ALL 6TH PM25HIGH.PR\24H6GALL.PLT
 PLOTFILE ANNUAL ALL PM25HIGH.PR\AN00GALL.PLT
 OU FINISHED

 *** SETUP Finishes Successfully ***

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**MODELOPTS: CONC URBAN FLAT DFAULT

*** MODEL SETUP OPTIONS SUMMARY ***

**Intermediate Terrain Processing is Selected

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

-- SCAVENGING/DEPOSITION LOGIC --

**Model Uses NO DRY DEPLETION. DDPLETE = F

**Model Uses NO WET DEPLETION. WDPLETE = F

**NO WET SCAVENGING Data Provided.

**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses URBAN Dispersion.

**Model Uses Regulatory DEFAULT Options:

1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 60 Source(s); 1 Source Group(s); and 438 Receptor(s)

**The Model Assumes A Pollutant Type of: PM2.5

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

**Output Options Selected:

Model Outputs Tables of ANNUAL Averages by Receptor
 Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
 Model Outputs External File(s) of High values for Plotting (PLOTFILE Keyword)

**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: Anem. Hgt. (m) = 97.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
 Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07
 Output Units = MICROGRAMS/M**3

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**MODELOPTS: CONC URBAN FLAT DFAULT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0009033	0	0.17583E-08	364794.8	3766274.5	0.0	5.00	17.38	2.33	
L0009034	0	0.17583E-08	364831.2	3766283.0	0.0	5.00	17.38	2.33	
L0009035	0	0.17583E-08	364867.5	3766291.8	0.0	5.00	17.38	2.33	
L0009036	0	0.17583E-08	364903.9	3766300.5	0.0	5.00	17.38	2.33	
L0009037	0	0.17583E-08	364940.2	3766309.0	0.0	5.00	17.38	2.33	
L0009038	0	0.17583E-08	364976.6	3766317.5	0.0	5.00	17.38	2.33	
L0009039	0	0.17583E-08	365013.0	3766326.2	0.0	5.00	17.38	2.33	
L0009040	0	0.17583E-08	365049.3	3766335.0	0.0	5.00	17.38	2.33	
L0009041	0	0.17583E-08	365085.7	3766343.5	0.0	5.00	17.38	2.33	
L0009042	0	0.17583E-08	365122.1	3766352.0	0.0	5.00	17.38	2.33	
L0009043	0	0.17583E-08	365158.4	3766360.8	0.0	5.00	17.38	2.33	
L0009044	0	0.17583E-08	365194.8	3766369.5	0.0	5.00	17.38	2.33	
L0009045	0	0.17583E-08	364791.1	3766295.0	0.0	5.00	17.42	2.33	
L0009046	0	0.17583E-08	364827.6	3766303.8	0.0	5.00	17.42	2.33	
L0009047	0	0.17583E-08	364864.0	3766312.2	0.0	5.00	17.42	2.33	
L0009048	0	0.17583E-08	364900.4	3766321.0	0.0	5.00	17.42	2.33	
L0009049	0	0.17583E-08	364936.9	3766329.5	0.0	5.00	17.42	2.33	
L0009050	0	0.17583E-08	364973.3	3766338.2	0.0	5.00	17.42	2.33	
L0009051	0	0.17583E-08	365009.8	3766347.0	0.0	5.00	17.42	2.33	
L0009052	0	0.17583E-08	365046.2	3766355.5	0.0	5.00	17.42	2.33	
L0009053	0	0.17583E-08	365082.7	3766364.2	0.0	5.00	17.42	2.33	
L0009054	0	0.17583E-08	365119.1	3766372.8	0.0	5.00	17.42	2.33	
L0009055	0	0.17583E-08	365155.6	3766381.5	0.0	5.00	17.42	2.33	
L0009056	0	0.17583E-08	365192.0	3766390.0	0.0	5.00	17.42	2.33	
L0009057	0	0.17583E-08	364788.2	3766314.8	0.0	5.00	17.36	2.33	
L0009058	0	0.17583E-08	364824.6	3766323.2	0.0	5.00	17.36	2.33	
L0009059	0	0.17583E-08	364860.9	3766332.0	0.0	5.00	17.36	2.33	
L0009060	0	0.17583E-08	364897.2	3766340.5	0.0	5.00	17.36	2.33	
L0009061	0	0.17583E-08	364933.5	3766349.0	0.0	5.00	17.36	2.33	
L0009062	0	0.17583E-08	364969.9	3766357.5	0.0	5.00	17.36	2.33	
L0009063	0	0.17583E-08	365006.2	3766366.0	0.0	5.00	17.36	2.33	
L0009064	0	0.17583E-08	365042.5	3766374.8	0.0	5.00	17.36	2.33	
L0009065	0	0.17583E-08	365078.8	3766383.2	0.0	5.00	17.36	2.33	
L0009066	0	0.17583E-08	365115.1	3766391.8	0.0	5.00	17.36	2.33	
L0009067	0	0.17583E-08	365151.4	3766400.2	0.0	5.00	17.36	2.33	
L0009068	0	0.17583E-08	365187.8	3766409.0	0.0	5.00	17.36	2.33	

PM25high.POU.txt
L0009069 0 0.17583E-08 364784.0 3766333.8 0.0 5.00 17.36 2.33
L0009070 0 0.17583E-08 364820.4 3766342.5 0.0 5.00 17.36 2.33
L0009071 0 0.17583E-08 364856.7 3766351.0 0.0 5.00 17.36 2.33
L0009072 0 0.17583E-08 364893.0 3766359.5 0.0 5.00 17.36 2.33
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**MODELOPTS: CONC URBAN FLAT DEFAULT
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*** VOLUME SOURCE DATA ***
SOURCE NUMBER EMISSION RATE X Y BASE RELEASE INIT. INIT. EMISSION
ID PART. (GRAMS/SEC) (METERS) (METERS) ELEV. HEIGHT SY SZ SCALAR VARY
CATS. BY
L0009073 0 0.17583E-08 364929.3 3766368.2 0.0 5.00 17.36 2.33
L0009074 0 0.17583E-08 364965.6 3766376.8 0.0 5.00 17.36 2.33
L0009075 0 0.17583E-08 365002.0 3766385.5 0.0 5.00 17.36 2.33
L0009076 0 0.17583E-08 365038.2 3766394.0 0.0 5.00 17.36 2.33
L0009077 0 0.17583E-08 365074.6 3766402.5 0.0 5.00 17.36 2.33
L0009078 0 0.17583E-08 365110.9 3766411.2 0.0 5.00 17.36 2.33
L0009079 0 0.17583E-08 365147.2 3766419.8 0.0 5.00 17.36 2.33
L0009080 0 0.17583E-08 365183.6 3766428.5 0.0 5.00 17.36 2.33
L0009081 0 0.17583E-08 364781.2 3766351.0 0.0 5.00 17.37 2.33
L0009082 0 0.17583E-08 364817.6 3766359.8 0.0 5.00 17.37 2.33
L0009083 0 0.17583E-08 364853.9 3766368.2 0.0 5.00 17.37 2.33
L0009084 0 0.17583E-08 364890.2 3766377.0 0.0 5.00 17.37 2.33
L0009085 0 0.17583E-08 364926.5 3766385.5 0.0 5.00 17.37 2.33
L0009086 0 0.17583E-08 364962.9 3766394.2 0.0 5.00 17.37 2.33
L0009087 0 0.17583E-08 364999.2 3766403.0 0.0 5.00 17.37 2.33
L0009088 0 0.17583E-08 365035.5 3766411.5 0.0 5.00 17.37 2.33
L0009089 0 0.17583E-08 365071.8 3766420.2 0.0 5.00 17.37 2.33
L0009090 0 0.17583E-08 365108.2 3766428.8 0.0 5.00 17.37 2.33
L0009091 0 0.17583E-08 365144.5 3766437.5 0.0 5.00 17.37 2.33
L0009092 0 0.17583E-08 365180.8 3766446.0 0.0 5.00 17.37 2.33
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**MODELOPTS: CONC URBAN FLAT DEFAULT
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*** SOURCE IDS DEFINING SOURCE GROUPS ***
GROUP ID SOURCE IDS
ALL L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039, L0009040, L0009041, L0009042, L0009043, L0009044,
L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051, L0009052, L0009053, L0009054, L0009055, L0009056,
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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
PAGE 5

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)
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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0009033	364768.6	3766257.5	-6.12
L0009033	364788.6	3766257.5	-19.27
L0009033	364808.6	3766257.5	-15.48
L0009033	364828.6	3766257.5	0.45
L0009033	364768.6	3766277.5	-10.98
L0009033	364768.6	3766297.5	-2.49
L0009033	364787.8	3766259.5	-20.81
L0009034	364808.6	3766257.5	-3.30
L0009034	364828.6	3766257.5	-11.74
L0009034	364848.6	3766257.5	-6.49
L0009034	364868.6	3766277.5	0.44
L0009035	364868.6	3766257.5	-3.10

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 L0009037 364948.6 3766277.5 -4.79
 L0009037 364968.6 3766297.5 -6.81
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 L0009039 364988.6 3766297.5 0.35
 L0009039 365008.6 3766297.5 -8.28
 L0009039 365028.6 3766297.5 -4.66
 L0009039 365048.6 3766317.5 -0.71
 L0009040 365048.6 3766297.5 0.14
 L0009040 365048.6 3766317.5 -19.85
 L0009040 365068.6 3766317.5 -11.37
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 L0009042 365108.6 3766317.5 -0.32
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
 LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	RECEPTOR XR (METERS)	LOCATION YR (METERS)	DISTANCE (METERS)
L0009043	365188.6	3766337.5	0.69
L0009044	365188.6	3766337.5	-4.76
L0009044	365208.6	3766337.5	-2.54
L0009044	365208.6	3766357.5	-19.12
L0009044	365208.6	3766377.5	-21.46
L0009044	365208.6	3766397.5	-6.17
L0009044	365218.6	3766357.5	-10.76
L0009044	365218.6	3766382.5	-10.29
L0009044	365206.8	3766357.8	-20.55
L0009045	364788.6	3766257.5	0.13
L0009045	364768.6	3766277.5	-8.92
L0009045	364768.6	3766297.5	-14.78
L0009045	364768.6	3766317.5	-5.61
L0009045	364787.8	3766259.5	-1.80
L0009047	364868.6	3766277.5	-2.40
L0009052	365048.6	3766317.5	0.62
L0009054	365128.6	3766337.5	-0.96
L0009056	365208.6	3766357.5	-0.99
L0009056	365208.6	3766377.5	-16.73
L0009056	365208.6	3766397.5	-19.30
L0009056	365208.6	3766417.5	-5.37
L0009056	365218.6	3766382.5	-9.88
L0009056	365218.6	3766407.5	-5.67
L0009056	365206.8	3766357.8	-1.96
L0009057	364768.6	3766297.5	-11.15
L0009057	364768.6	3766317.5	-17.45
L0009057	364768.6	3766337.5	-7.24
L0009068	365208.6	3766377.5	0.43
L0009068	365208.6	3766397.5	-13.55
L0009068	365208.6	3766417.5	-14.84
L0009068	365188.6	3766437.5	-8.81
L0009068	365208.6	3766437.5	-2.03
L0009068	365218.6	3766407.5	-6.48
L0009069	364768.6	3766317.5	-14.89
L0009069	364768.6	3766337.5	-21.41
L0009069	364768.6	3766357.5	-8.98
L0009069	364769.3	3766358.2	-8.76
L0009070	364808.6	3766377.5	-0.38
L0009070	364828.6	3766377.5	-1.38
L0009071	364848.6	3766377.5	-9.61

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
 LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	RECEPTOR XR (METERS)	LOCATION YR (METERS)	DISTANCE (METERS)
L0009072	364888.6	3766397.5	0.93
L0009073	364908.6	3766397.5	-1.46
L0009073	364928.6	3766397.5	-8.06
L0009075	364988.6	3766417.5	-2.63
L0009075	365008.6	3766417.5	-4.65
L0009076	365008.6	3766417.5	0.54
L0009077	365068.6	3766437.5	-1.81
L0009077	365088.6	3766437.5	0.36
L0009078	365088.6	3766437.5	-2.85
L0009079	365148.6	3766457.5	0.45
L0009080	365208.6	3766417.5	-10.01
L0009080	365188.6	3766437.5	-27.03
L0009080	365208.6	3766437.5	-10.75
L0009080	365168.6	3766457.5	-4.67
L0009080	365188.6	3766457.5	-7.90
L0009080	365208.6	3766457.5	0.96
L0009080	365218.6	3766432.5	-2.10
L0009080	365180.3	3766456.2	-9.38
L0009081	364768.6	3766317.5	-1.52
L0009081	364768.6	3766337.5	-18.82
L0009081	364768.6	3766357.5	-23.09
L0009081	364768.6	3766377.5	-7.96
L0009081	364788.6	3766377.5	-9.86
L0009081	364808.6	3766377.5	0.71

```

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***
**MODELOPTS: CONC URBAN FLAT DFAULT
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```

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

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

```

***MODELOPTS: CONC      URBAN FLAT      DFAULT

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

FILE: C:\AERMOD~1\METDAT~1\WESTLA.ASC
 SURFACE STATION NO.: 52158
 NAME: UNKNOWN
 YEAR: 1981

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
 UPPER AIR STATION NO.: 91919
 NAME: UNKNOWN
 YEAR: 1981

YEAR	MONTH	DAY	HOUR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-O (M)	IPCODE	PRATE (mm/HR)
81	1	1	1	67.3	1.00	285.9	7	387.1	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	2	79.9	1.00	286.5	7	397.2	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	3	62.5	1.00	285.9	6	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	4	98.5	1.00	285.9	5	417.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	5	354.0	1.00	285.4	4	427.4	427.4	0.0000	0.0	0.0000	0	0.00
81	1	1	6	139.5	1.00	283.7	5	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	7	94.5	1.00	283.7	6	447.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	8	112.2	1.00	284.3	5	70.1	201.5	0.0000	0.0	0.0000	0	0.00
81	1	1	9	186.5	1.00	287.0	4	144.7	254.3	0.0000	0.0	0.0000	0	0.00
81	1	1	10	256.6	1.00	291.5	3	219.4	307.0	0.0000	0.0	0.0000	0	0.00
81	1	1	11	314.1	1.00	294.8	2	294.0	359.8	0.0000	0.0	0.0000	0	0.00
81	1	1	12	35.6	2.68	290.9	3	368.7	412.5	0.0000	0.0	0.0000	0	0.00
81	1	1	13	64.7	2.24	289.8	3	443.3	465.3	0.0000	0.0	0.0000	0	0.00
81	1	1	14	34.2	2.24	290.4	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	15	44.8	1.34	290.4	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	16	53.2	1.79	289.3	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	17	42.6	0.00	288.1	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	18	30.1	1.00	287.6	5	518.0	468.5	0.0000	0.0	0.0000	0	0.00
81	1	1	19	20.5	0.00	287.0	6	518.0	425.9	0.0000	0.0	0.0000	0	0.00
81	1	1	20	55.7	1.00	287.0	7	518.0	383.4	0.0000	0.0	0.0000	0	0.00
81	1	1	21	43.6	0.00	287.6	7	518.0	340.8	0.0000	0.0	0.0000	0	0.00
81	1	1	22	137.0	1.00	287.0	7	518.0	298.2	0.0000	0.0	0.0000	0	0.00
81	1	1	23	90.7	1.00	286.5	7	518.0	255.6	0.0000	0.0	0.0000	0	0.00
81	1	1	24	67.2	1.00	286.5	6	518.0	213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
 L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
 L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365195.56	3766329.25	0.00000	365046.69	3766293.00	0.00000
364925.03	3766265.00	0.00000	364810.06	3766234.50	0.00000
365230.94	3766352.75	0.00000	365358.03	3766388.00	0.00000
365384.34	3766356.75	0.00000	365410.66	3766309.75	0.00000
365214.22	3766258.25	0.00000	365061.88	3766221.00	0.00000
364950.50	3766192.75	0.00000	364851.97	3766170.25	0.00000
364936.41	3766071.00	0.00000	365000.66	3766093.75	0.00000
365093.69	3766117.00	0.00000	365250.94	3766158.50	0.00000
365455.34	3766211.75	0.00000	364768.56	3766257.50	0.00000
364788.56	3766257.50	0.00000	364808.56	3766257.50	0.00000
364828.56	3766257.50	0.00000	364848.56	3766257.50	0.00000
364868.56	3766257.50	0.00000	364888.56	3766257.50	0.00000
364908.56	3766257.50	0.00000	364928.56	3766257.50	0.00000
364948.56	3766257.50	0.00000	364968.56	3766257.50	0.00000
364988.56	3766257.50	0.00000	365008.56	3766257.50	0.00000
365028.56	3766257.50	0.00000	365048.56	3766257.50	0.00000
365068.56	3766257.50	0.00000	365088.56	3766257.50	0.00000
365108.56	3766257.50	0.00000	365128.56	3766257.50	0.00000
365148.56	3766257.50	0.00000	365168.56	3766257.50	0.00000
365188.56	3766257.50	0.00000	365208.56	3766257.50	0.00000
364768.56	3766277.50	0.00000	364868.56	3766277.50	0.00000
364888.56	3766277.50	0.00000	364908.56	3766277.50	0.00000
364928.56	3766277.50	0.00000	364948.56	3766277.50	0.00000
364968.56	3766277.50	0.00000	364988.56	3766277.50	0.00000
365008.56	3766277.50	0.00000	365028.56	3766277.50	0.00000
365048.56	3766277.50	0.00000	365068.56	3766277.50	0.00000
365088.56	3766277.50	0.00000	365108.56	3766277.50	0.00000
365128.56	3766277.50	0.00000	365148.56	3766277.50	0.00000
365168.56	3766277.50	0.00000	365188.56	3766277.50	0.00000
365208.56	3766277.50	0.00000	364768.56	3766297.50	0.00000
364968.56	3766297.50	0.00000	364988.56	3766297.50	0.00000
365008.56	3766297.50	0.00000	365028.56	3766297.50	0.00000
365048.56	3766297.50	0.00000	365068.56	3766297.50	0.00000
365088.56	3766297.50	0.00000	365108.56	3766297.50	0.00000
365128.56	3766297.50	0.00000	365148.56	3766297.50	0.00000
365168.56	3766297.50	0.00000	365188.56	3766297.50	0.00000
365208.56	3766297.50	0.00000	364768.56	3766317.50	0.00000
365048.56	3766317.50	0.00000	365068.56	3766317.50	0.00000
365088.56	3766317.50	0.00000	365108.56	3766317.50	0.00000
365128.56	3766317.50	0.00000	365148.56	3766317.50	0.00000

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
 L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
 L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365168.56	3766317.50	0.00000	365188.56	3766317.50	0.00000
365208.56	3766317.50	0.00000	364768.56	3766337.50	0.00000
365128.56	3766337.50	0.00001	365148.56	3766337.50	0.00000
365168.56	3766337.50	0.00000	365188.56	3766337.50	0.00000

PM25high.POU.txt

365208.56	3766337.50	0.00000	364768.56	3766357.50	0.00000
365208.56	3766357.50	0.00001	364768.56	3766377.50	0.00000
364788.56	3766377.50	0.00000	364808.56	3766377.50	0.00000
364828.56	3766377.50	0.00001	364848.56	3766377.50	0.00001
365208.56	3766377.50	0.00001	364768.56	3766397.50	0.00000
364788.56	3766397.50	0.00000	364808.56	3766397.50	0.00000
364828.56	3766397.50	0.00001	364848.56	3766397.50	0.00001
364868.56	3766397.50	0.00001	364888.56	3766397.50	0.00001
364908.56	3766397.50	0.00001	364928.56	3766397.50	0.00001
365208.56	3766397.50	0.00001	364768.56	3766417.50	0.00000
364788.56	3766417.50	0.00000	364808.56	3766417.50	0.00000
364828.56	3766417.50	0.00000	364848.56	3766417.50	0.00001
364868.56	3766417.50	0.00001	364888.56	3766417.50	0.00001
364908.56	3766417.50	0.00001	364928.56	3766417.50	0.00001
364948.56	3766417.50	0.00001	364968.56	3766417.50	0.00001
364988.56	3766417.50	0.00001	365008.56	3766417.50	0.00001
365208.56	3766417.50	0.00001	364768.56	3766437.50	0.00000
364788.56	3766437.50	0.00000	364808.56	3766437.50	0.00000
364828.56	3766437.50	0.00000	364848.56	3766437.50	0.00000
364868.56	3766437.50	0.00000	364888.56	3766437.50	0.00001
364908.56	3766437.50	0.00001	364928.56	3766437.50	0.00001
364948.56	3766437.50	0.00001	364968.56	3766437.50	0.00001
364988.56	3766437.50	0.00001	365008.56	3766437.50	0.00001
365208.56	3766437.50	0.00001	365048.56	3766437.50	0.00001
365068.56	3766437.50	0.00001	365088.56	3766437.50	0.00001
365188.56	3766437.50	0.00001	365208.56	3766437.50	0.00001
364768.56	3766457.50	0.00000	364788.56	3766457.50	0.00000
364808.56	3766457.50	0.00000	364828.56	3766457.50	0.00000
364848.56	3766457.50	0.00000	364868.56	3766457.50	0.00000
364888.56	3766457.50	0.00000	364908.56	3766457.50	0.00000
364928.56	3766457.50	0.00001	364948.56	3766457.50	0.00001
364968.56	3766457.50	0.00001	364988.56	3766457.50	0.00001
365008.56	3766457.50	0.00001	365028.56	3766457.50	0.00001
365048.56	3766457.50	0.00001	365068.56	3766457.50	0.00001
365088.56	3766457.50	0.00001	365108.56	3766457.50	0.00001
365128.56	3766457.50	0.00001	365148.56	3766457.50	0.00001

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***MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365168.56	3766457.50	0.00001	365188.56	3766457.50	0.00001
365208.56	3766457.50	0.00001	364743.56	3766232.50	0.00000
364768.56	3766232.50	0.00000	364793.56	3766232.50	0.00000
364818.56	3766232.50	0.00000	364843.56	3766232.50	0.00000
364868.56	3766232.50	0.00000	364893.56	3766232.50	0.00000
364918.56	3766232.50	0.00000	364943.56	3766232.50	0.00000
364968.56	3766232.50	0.00000	364993.56	3766232.50	0.00000
365018.56	3766232.50	0.00000	365043.56	3766232.50	0.00000
365068.56	3766232.50	0.00000	365093.56	3766232.50	0.00000
365118.56	3766232.50	0.00000	365143.56	3766232.50	0.00000
365168.56	3766232.50	0.00000	365193.56	3766232.50	0.00000
365218.56	3766232.50	0.00000	365243.56	3766232.50	0.00000
364743.56	3766257.50	0.00000	365218.56	3766257.50	0.00000
365243.56	3766257.50	0.00000	364743.56	3766282.50	0.00000
365218.56	3766282.50	0.00000	365243.56	3766282.50	0.00000
364743.56	3766307.50	0.00000	365218.56	3766307.50	0.00000
365243.56	3766307.50	0.00000	364743.56	3766332.50	0.00000
365218.56	3766332.50	0.00000	365243.56	3766332.50	0.00000
364743.56	3766357.50	0.00000	365218.56	3766357.50	0.00000
365243.56	3766357.50	0.00000	364743.56	3766382.50	0.00000
365218.56	3766382.50	0.00001	365243.56	3766382.50	0.00001
364743.56	3766407.50	0.00000	365218.56	3766407.50	0.00001
365243.56	3766407.50	0.00001	364743.56	3766432.50	0.00000
365218.56	3766432.50	0.00001	365243.56	3766432.50	0.00001
364743.56	3766457.50	0.00000	365218.56	3766457.50	0.00001
365243.56	3766457.50	0.00001	364743.56	3766482.50	0.00000
364768.56	3766482.50	0.00000	364793.56	3766482.50	0.00000
364818.56	3766482.50	0.00000	364843.56	3766482.50	0.00000
364868.56	3766482.50	0.00000	364893.56	3766482.50	0.00000
364918.56	3766482.50	0.00000	364943.56	3766482.50	0.00000
364968.56	3766482.50	0.00000	364993.56	3766482.50	0.00001
365018.56	3766482.50	0.00001	365043.56	3766482.50	0.00001
365068.56	3766482.50	0.00001	365093.56	3766482.50	0.00001
365118.56	3766482.50	0.00001	365143.56	3766482.50	0.00001
365168.56	3766482.50	0.00001	365193.56	3766482.50	0.00001
365218.56	3766482.50	0.00001	365243.56	3766482.50	0.00001
364718.56	3766207.50	0.00000	364768.56	3766207.50	0.00000
364818.56	3766207.50	0.00000	364868.56	3766207.50	0.00000
364918.56	3766207.50	0.00000	364968.56	3766207.50	0.00000
365018.56	3766207.50	0.00000	365068.56	3766207.50	0.00000

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***MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039, L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365118.56	3766207.50	0.00000	365168.56	3766207.50	0.00000
365218.56	3766207.50	0.00000	365268.56	3766207.50	0.00000
364718.56	3766257.50	0.00000	365268.56	3766257.50	0.00000
364718.56	3766307.50	0.00000	365268.56	3766307.50	0.00000
364718.56	3766357.50	0.00000	365268.56	3766357.50	0.00000
364718.56	3766407.50	0.00000	365268.56	3766407.50	0.00000
364718.56	3766457.50	0.00000	365268.56	3766457.50	0.00001
364718.56	3766507.50	0.00000	364768.56	3766507.50	0.00000
364818.56	3766507.50	0.00000	364868.56	3766507.50	0.00000
364918.56	3766507.50	0.00000	364968.56	3766507.50	0.00000

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PM25high.POU.txt
365018.56 3766507.50 0.00000 365068.56 3766507.50 0.00000
365118.56 3766507.50 0.00001 365168.56 3766507.50 0.00001
365218.56 3766507.50 0.00001 365268.56 3766507.50 0.00000
364668.56 3766157.50 0.00000 364743.56 3766157.50 0.00000
364818.56 3766157.50 0.00000 364893.56 3766157.50 0.00000
364968.56 3766157.50 0.00000 365043.56 3766157.50 0.00000
365118.56 3766157.50 0.00000 365193.56 3766157.50 0.00000
365268.56 3766157.50 0.00000 365343.56 3766157.50 0.00000
364668.56 3766232.50 0.00000 365268.56 3766232.50 0.00000
365343.56 3766232.50 0.00000 364668.56 3766307.50 0.00000
365268.56 3766307.50 0.00000 365343.56 3766307.50 0.00000
364668.56 3766382.50 0.00000 365268.56 3766382.50 0.00000
365343.56 3766382.50 0.00000 364668.56 3766457.50 0.00000
365268.56 3766457.50 0.00001 365343.56 3766457.50 0.00000
364668.56 3766532.50 0.00000 364743.56 3766532.50 0.00000
364818.56 3766532.50 0.00000 364893.56 3766532.50 0.00000
364968.56 3766532.50 0.00000 365043.56 3766532.50 0.00000
365118.56 3766532.50 0.00000 365193.56 3766532.50 0.00000
365268.56 3766532.50 0.00000 365343.56 3766532.50 0.00000
364568.56 3766057.50 0.00000 364668.56 3766057.50 0.00000
364768.56 3766057.50 0.00000 364868.56 3766057.50 0.00000
364968.56 3766057.50 0.00000 365068.56 3766057.50 0.00000
365168.56 3766057.50 0.00000 365268.56 3766057.50 0.00000
365368.56 3766057.50 0.00000 364568.56 3766157.50 0.00000
365368.56 3766157.50 0.00000 364568.56 3766257.50 0.00000
365368.56 3766257.50 0.00000 364568.56 3766357.50 0.00000
365368.56 3766357.50 0.00000 364568.56 3766457.50 0.00000
365368.56 3766457.50 0.00000 364568.56 3766557.50 0.00000
365368.56 3766557.50 0.00000 364568.56 3766657.50 0.00000
364668.56 3766657.50 0.00000 364768.56 3766657.50 0.00000
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
364868.56 3766657.50 0.00000 364968.56 3766657.50 0.00000
365068.56 3766657.50 0.00000 365168.56 3766657.50 0.00000
365268.56 3766657.50 0.00000 365368.56 3766657.50 0.00000
364268.56 3765757.50 0.00000 364393.56 3765757.50 0.00000
364518.56 3765757.50 0.00000 364643.56 3765757.50 0.00000
364768.56 3765757.50 0.00000 364893.56 3765757.50 0.00000
365018.56 3765757.50 0.00000 365143.56 3765757.50 0.00000
365268.56 3765757.50 0.00000 365393.56 3765757.50 0.00000
365518.56 3765757.50 0.00000 365643.56 3765757.50 0.00000
365768.56 3765757.50 0.00000 364268.56 3765882.50 0.00000
364393.56 3765882.50 0.00000 364518.56 3765882.50 0.00000
364643.56 3765882.50 0.00000 364768.56 3765882.50 0.00000
364893.56 3765882.50 0.00000 365018.56 3765882.50 0.00000
365143.56 3765882.50 0.00000 365268.56 3765882.50 0.00000
365393.56 3765882.50 0.00000 365518.56 3765882.50 0.00000
365643.56 3765882.50 0.00000 365768.56 3765882.50 0.00000
364268.56 3766007.50 0.00000 364393.56 3766007.50 0.00000
364518.56 3766007.50 0.00000 364643.56 3766007.50 0.00000
364768.56 3766007.50 0.00000 364893.56 3766007.50 0.00000
365018.56 3766007.50 0.00000 365143.56 3766007.50 0.00000
365268.56 3766007.50 0.00000 365393.56 3766007.50 0.00000
365518.56 3766007.50 0.00000 365643.56 3766007.50 0.00000
365768.56 3766007.50 0.00000 364268.56 3766132.50 0.00000
364393.56 3766132.50 0.00000 364518.56 3766132.50 0.00000
365518.56 3766132.50 0.00000 365643.56 3766132.50 0.00000
365768.56 3766132.50 0.00000 364268.56 3766257.50 0.00000
364393.56 3766257.50 0.00000 364518.56 3766257.50 0.00000
365518.56 3766257.50 0.00000 365643.56 3766257.50 0.00000
365768.56 3766257.50 0.00000 364268.56 3766382.50 0.00000
364393.56 3766382.50 0.00000 364518.56 3766382.50 0.00000
365518.56 3766382.50 0.00000 365643.56 3766382.50 0.00000
365768.56 3766382.50 0.00000 364268.56 3766507.50 0.00000
364393.56 3766507.50 0.00000 364518.56 3766507.50 0.00000
365518.56 3766507.50 0.00000 365643.56 3766507.50 0.00000
365768.56 3766507.50 0.00000 364268.56 3766632.50 0.00000
364393.56 3766632.50 0.00000 364518.56 3766632.50 0.00000
365518.56 3766632.50 0.00000 365643.56 3766632.50 0.00000
365768.56 3766632.50 0.00000 364268.56 3766757.50 0.00000
364393.56 3766757.50 0.00000 364518.56 3766757.50 0.00000
364643.56 3766757.50 0.00000 364768.56 3766757.50 0.00000
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
364893.56 3766757.50 0.00000 365018.56 3766757.50 0.00000
365143.56 3766757.50 0.00000 365268.56 3766757.50 0.00000
365393.56 3766757.50 0.00000 365518.56 3766757.50 0.00000
365643.56 3766757.50 0.00000 365768.56 3766757.50 0.00000
364268.56 3766882.50 0.00000 364393.56 3766882.50 0.00000
364518.56 3766882.50 0.00000 364643.56 3766882.50 0.00000
364768.56 3766882.50 0.00000 364893.56 3766882.50 0.00000
365018.56 3766882.50 0.00000 365143.56 3766882.50 0.00000
365268.56 3766882.50 0.00000 365393.56 3766882.50 0.00000
365518.56 3766882.50 0.00000 365643.56 3766882.50 0.00000
365768.56 3766882.50 0.00000 364268.56 3767007.50 0.00000
364393.56 3767007.50 0.00000 364518.56 3767007.50 0.00000
364643.56 3767007.50 0.00000 364768.56 3767007.50 0.00000
364893.56 3767007.50 0.00000 365018.56 3767007.50 0.00000
365143.56 3767007.50 0.00000 365268.56 3767007.50 0.00000
365393.56 3767007.50 0.00000 365518.56 3767007.50 0.00000

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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1 ***** ISCSP - VERSION 04269 ***** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-z4.ISC *****
      ***                                     ***
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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1 *** ISCSP - VERSION 04269 ***          *** C:\AERMOD Projects\Expo\Expo HRA\PM10 New\PM10-z4.ISC ***
***                                     ***
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**MODELOPTS: CONC URBAN FLAT DEFAULT PM25high.POU.txt

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365168.56	3766457.50	0.00002c	(81081024)	365188.56	3766457.50	0.00002c	(81051424)
365208.56	3766457.50	0.00002c	(81051424)	364743.56	3766232.50	0.00001c	(81011224)
364768.56	3766232.50	0.00001c	(81011224)	364793.56	3766232.50	0.00001c	(81011224)
364818.56	3766232.50	0.00001c	(81011224)	364843.56	3766232.50	0.00001c	(81011224)
364868.56	3766232.50	0.00001c	(81011224)	364893.56	3766232.50	0.00001c	(81011224)
364918.56	3766232.50	0.00001c	(81011224)	364943.56	3766232.50	0.00001c	(81011224)
364968.56	3766232.50	0.00001c	(81011224)	364993.56	3766232.50	0.00001c	(81011224)
365018.56	3766232.50	0.00001c	(81011224)	365043.56	3766232.50	0.00001c	(81011224)
365068.56	3766232.50	0.00001c	(81103124)	365093.56	3766232.50	0.00001c	(81103024)
365118.56	3766232.50	0.00001c	(81103024)	365143.56	3766232.50	0.00001c	(81103024)
365168.56	3766232.50	0.00001c	(81103024)	365193.56	3766232.50	0.00001c	(81103024)
365218.56	3766232.50	0.00001c	(81103024)	365243.56	3766232.50	0.00001c	(81103024)
364743.56	3766257.50	0.00001c	(81030624)	365218.56	3766257.50	0.00001c	(81103024)
365243.56	3766257.50	0.00001c	(81103024)	364743.56	3766282.50	0.00001c	(81112724)
365218.56	3766282.50	0.00001c	(81103024)	365243.56	3766282.50	0.00001c	(81103024)
364743.56	3766307.50	0.00001c	(81112724)	365218.56	3766307.50	0.00001c	(81103024)
365243.56	3766307.50	0.00001c	(81110224)	364743.56	3766332.50	0.00002c	(81112724)
365218.56	3766332.50	0.00001c	(81103124)	365243.56	3766332.50	0.00001c	(81110224)
364743.56	3766357.50	0.00001c	(81112724)	365218.56	3766357.50	0.00001c	(81110224)
365243.56	3766357.50	0.00001c	(81110224)	364743.56	3766382.50	0.00001c	(81041924)
365218.56	3766382.50	0.00001c	(81010624)	365243.56	3766382.50	0.00001	(81032624)
364743.56	3766407.50	0.00001c	(81123124)	365218.56	3766407.50	0.00001c	(81010624)
365243.56	3766407.50	0.00001	(81032624)	364743.56	3766432.50	0.00001c	(81123124)
365218.56	3766432.50	0.00002c	(81051424)	365243.56	3766432.50	0.00001c	(81051424)
364743.56	3766457.50	0.00001c	(81123124)	365218.56	3766457.50	0.00002c	(81051424)
365243.56	3766457.50	0.00001c	(81051424)	364743.56	3766482.50	0.00001c	(81123124)
364768.56	3766482.50	0.00001c	(81123124)	364793.56	3766482.50	0.00001c	(81123124)
364818.56	3766482.50	0.00001c	(81123124)	364843.56	3766482.50	0.00001c	(81123124)
364868.56	3766482.50	0.00001c	(81123124)	364893.56	3766482.50	0.00001c	(81021424)
364918.56	3766482.50	0.00001c	(81021424)	364943.56	3766482.50	0.00001c	(81021424)
364968.56	3766482.50	0.00001c	(81021424)	364993.56	3766482.50	0.00001c	(81021424)
365018.56	3766482.50	0.00001c	(81021424)	365043.56	3766482.50	0.00001c	(81082524)
365068.56	3766482.50	0.00001c	(81082524)	365093.56	3766482.50	0.00001c	(81082524)
365118.56	3766482.50	0.00001c	(81082524)	365143.56	3766482.50	0.00001c	(81050224)
365168.56	3766482.50	0.00001c	(81050224)	365193.56	3766482.50	0.00001c	(81050224)
365218.56	3766482.50	0.00001c	(81051424)	365243.56	3766482.50	0.00001c	(81051424)
364718.56	3766207.50	0.00001c	(81011224)	364768.56	3766207.50	0.00001c	(81011224)
364818.56	3766207.50	0.00001c	(81011224)	364868.56	3766207.50	0.00001	(81122224)
364918.56	3766207.50	0.00001c	(81011224)	364968.56	3766207.50	0.00001c	(81011224)
365018.56	3766207.50	0.00001	(81122224)	365068.56	3766207.50	0.00001	(81122224)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365118.56	3766207.50	0.00001	(81122224)	365168.56	3766207.50	0.00001c	(81103024)
365218.56	3766207.50	0.00001c	(81103024)	365268.56	3766207.50	0.00001c	(81103024)
364718.56	3766257.50	0.00001c	(81030624)	365268.56	3766257.50	0.00001c	(81103024)
364718.56	3766307.50	0.00001c	(81112724)	365268.56	3766307.50	0.00001c	(81110224)
364718.56	3766357.50	0.00001c	(81112724)	365268.56	3766357.50	0.00001c	(81110224)
364718.56	3766407.50	0.00001c	(81123124)	365268.56	3766407.50	0.00001	(81032624)
364718.56	3766457.50	0.00001c	(81123124)	365268.56	3766457.50	0.00001c	(81051424)
364718.56	3766507.50	0.00001c	(81123124)	364768.56	3766507.50	0.00001c	(81123124)
364818.56	3766507.50	0.00001c	(81123124)	364868.56	3766507.50	0.00001c	(81021424)
364918.56	3766507.50	0.00001c	(81021424)	364968.56	3766507.50	0.00001c	(81021424)
365018.56	3766507.50	0.00001c	(81021424)	365068.56	3766507.50	0.00001c	(81082524)
365118.56	3766507.50	0.00001c	(81050224)	365168.56	3766507.50	0.00001c	(81050224)
365218.56	3766507.50	0.00001c	(81050224)	365268.56	3766507.50	0.00001c	(81101124)
364668.56	3766157.50	0.00000c	(81011224)	364743.56	3766157.50	0.00000c	(81011224)
364818.56	3766157.50	0.00000c	(81011224)	364893.56	3766157.50	0.00001	(81122224)
364968.56	3766157.50	0.00001	(81122224)	365043.56	3766157.50	0.00001	(81122224)
365118.56	3766157.50	0.00001	(81122224)	365193.56	3766157.50	0.00000c	(81103024)
365268.56	3766157.50	0.00000c	(81103024)	365343.56	3766157.50	0.00000c	(81011224)
364668.56	3766232.50	0.00000c	(81030624)	365268.56	3766232.50	0.00001c	(81103024)
365343.56	3766232.50	0.00000c	(81110224)	364668.56	3766307.50	0.00001c	(81112724)
365268.56	3766307.50	0.00001c	(81110224)	365343.56	3766307.50	0.00001c	(81110224)
364668.56	3766382.50	0.00001c	(81030124)	365268.56	3766382.50	0.00001	(81032624)
365343.56	3766382.50	0.00001	(81032624)	364668.56	3766457.50	0.00001c	(81123124)
365268.56	3766457.50	0.00001c	(81051424)	365343.56	3766457.50	0.00001c	(81032224)
364668.56	3766532.50	0.00000c	(81123124)	364743.56	3766532.50	0.00000c	(81123124)
364818.56	3766532.50	0.00001c	(81123124)	364893.56	3766532.50	0.00001c	(81021424)
364968.56	3766532.50	0.00001c	(81021424)	365043.56	3766532.50	0.00001c	(81021424)
365118.56	3766532.50	0.00001c	(81050224)	365193.56	3766532.50	0.00001c	(81050224)
365268.56	3766532.50	0.00001c	(81101124)	365343.56	3766532.50	0.00001c	(81101124)
364568.56	3766057.50	0.00000c	(81011224)	364668.56	3766057.50	0.00000c	(81011224)
364768.56	3766057.50	0.00000c	(81011224)	364868.56	3766057.50	0.00000	(81122224)
364968.56	3766057.50	0.00000	(81122224)	365068.56	3766057.50	0.00000	(81122224)
365168.56	3766057.50	0.00000	(81122224)	365268.56	3766057.50	0.00000c	(81103024)
365368.56	3766057.50	0.00000c	(81103024)	364568.56	3766157.50	0.00000c	(81030624)
365368.56	3766157.50	0.00000c	(81011224)	364568.56	3766257.50	0.00000c	(81030224)
365368.56	3766257.50	0.00000c	(81110224)	364568.56	3766357.50	0.00001c	(81030124)
365368.56	3766357.50	0.00000	(81032624)	364568.56	3766457.50	0.00000c	(81123124)
365368.56	3766457.50	0.00001c	(81032224)	364568.56	3766557.50	0.00000c	(81123124)
365368.56	3766557.50	0.00001c	(81101124)	364568.56	3766657.50	0.00000c	(81102124)
364668.56	3766657.50	0.00000c	(81102124)	364768.56	3766657.50	0.00000c	(81021424)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364868.56	3766657.50	0.00000c	(81021424)	364968.56	3766657.50	0.00000c	(81021424)
365068.56	3766657.50	0.00000c	(81021424)	365168.56	3766657.50	0.00000c	(81050224)
365268.56	3766657.50	0.00000c	(81050224)	365368.56	3766657.50	0.00000c	(81102724)
364268.56	3765757.50	0.00000c	(81011224)	364393.56	3765757.50	0.00000c	(81011224)
364518.56	3765757.50	0.00000c	(81011224)	364643.56	3765757.50	0.00000c	(81020824)
364768.56	3765757.50	0.00000c	(81020824)	364893.56	3765757.50	0.00000c	(81020824)
365018.56	3765757.50	0.00000c	(81122224)	365143.56	3765757.50	0.00000c	(81122224)
365268.56	3765757.50	0.00000c	(81122224)	365393.56	3765757.50	0.00000c	(81103024)
365518.56	3765757.50	0.00000c	(81103024)	365643.56	3765757.50	0.00000c	(81011224)
365768.56	3765757.50	0.00000c	(81011224)	364268.56	3765882.50	0.00000c	(81030624)
364393.56	3765882.50	0.00000c	(81011224)	364518.56	3765882.50	0.00000c	(81011224)
364643.56	3765882.50	0.00000c	(81011224)	364768.56	3765882.50	0.00000c	(81020824)
364893.56	3765882.50	0.00000c	(81122224)	365018.56	3765882.50	0.00000c	(81122224)
365143.56	3765882.50	0.00000c	(81122224)	365268.56	3765882.50	0.00000c	(81103024)
365393.56	3765882.50	0.00000c	(81103024)	365518.56	3765882.50	0.00000c	(81011224)
365643.56	3765882.50	0.00000c	(81011224)	365768.56	3765882.50	0.00000c	(81101824)
364268.56	3766007.50	0.00000c	(81030624)	364393.56	3766007.50	0.00000c	(81030624)
364518.56	3766007.50	0.00000c	(81011224)	364643.56	3766007.50	0.00000c	(81011224)
364768.56	3766007.50	0.00000c	(81020824)	364893.56	3766007.50	0.00000c	(81122224)
365018.56	3766007.50	0.00000c	(81122224)	365143.56	3766007.50	0.00000c	(81122224)
365268.56	3766007.50	0.00000c	(81103024)	365393.56	3766007.50	0.00000c	(81103024)
365518.56	3766007.50	0.00000c	(81011224)	365643.56	3766007.50	0.00000c	(81110224)
365768.56	3766007.50	0.00000c	(81030824)	364268.56	3766132.50	0.00000c	(81030224)
364393.56	3766132.50	0.00000c	(81101224)	364518.56	3766132.50	0.00000c	(81030624)
365518.56	3766132.50	0.00000c	(81110224)	365643.56	3766132.50	0.00000c	(81030824)
365768.56	3766132.50	0.00000c	(81030824)	364268.56	3766257.50	0.00000c	(811112724)
364393.56	3766257.50	0.00000c	(81030224)	364518.56	3766257.50	0.00000c	(81030224)
365518.56	3766257.50	0.00000c	(81110224)	365643.56	3766257.50	0.00000c	(81071824)
365768.56	3766257.50	0.00000c	(81071824)	364268.56	3766382.50	0.00000c	(81030124)
364393.56	3766382.50	0.00000c	(81030124)	364518.56	3766382.50	0.00000c	(81030124)
365518.56	3766382.50	0.00000c	(81032624)	365643.56	3766382.50	0.00000c	(81032624)
365768.56	3766382.50	0.00000c	(81032624)	364268.56	3766507.50	0.00000c	(81030124)
364393.56	3766507.50	0.00000c	(81123124)	364518.56	3766507.50	0.00000c	(81123124)
365518.56	3766507.50	0.00000c	(81032224)	365643.56	3766507.50	0.00000c	(81121624)
365768.56	3766507.50	0.00000c	(81121024)	364268.56	3766632.50	0.00000c	(81123124)
364393.56	3766632.50	0.00000c	(81123124)	364518.56	3766632.50	0.00000c	(81123124)
365518.56	3766632.50	0.00000c	(81101124)	365643.56	3766632.50	0.00000c	(81051424)
365768.56	3766632.50	0.00000c	(81032224)	364268.56	3766757.50	0.00000c	(81012724)
364393.56	3766757.50	0.00000c	(81102124)	364518.56	3766757.50	0.00000c	(81102124)
364643.56	3766757.50	0.00000c	(81102124)	364768.56	3766757.50	0.00000c	(81021424)

1 *** ISC3P - VERSION 04269 ***

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):

L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364893.56	3766757.50	0.00000c	(81021424)	365018.56	3766757.50	0.00000c	(81021424)
365143.56	3766757.50	0.00000c	(81021424)	365268.56	3766757.50	0.00000c	(81050224)
365393.56	3766757.50	0.00000c	(81050224)	365518.56	3766757.50	0.00000c	(81102724)
365643.56	3766757.50	0.00000c	(81101124)	365768.56	3766757.50	0.00000c	(81101124)
364268.56	3766882.50	0.00000c	(81102124)	364393.56	3766882.50	0.00000c	(81102124)
364518.56	3766882.50	0.00000c	(81102124)	364643.56	3766882.50	0.00000c	(81082524)
364768.56	3766882.50	0.00000c	(81021424)	364893.56	3766882.50	0.00000c	(81021424)
365018.56	3766882.50	0.00000c	(81021424)	365143.56	3766882.50	0.00000c	(81021424)
365268.56	3766882.50	0.00000c	(81050224)	365393.56	3766882.50	0.00000c	(81050224)
365518.56	3766882.50	0.00000c	(81050224)	365643.56	3766882.50	0.00000c	(81102724)
365768.56	3766882.50	0.00000c	(81101124)	364268.56	3767007.50	0.00000c	(81102124)
364393.56	3767007.50	0.00000c	(81102124)	364518.56	3767007.50	0.00000c	(81082524)
364643.56	3767007.50	0.00000c	(81082524)	364768.56	3767007.50	0.00000c	(81021424)
364893.56	3767007.50	0.00000c	(81021424)	365018.56	3767007.50	0.00000c	(81021424)
365143.56	3767007.50	0.00000c	(81021424)	365268.56	3767007.50	0.00000c	(81021424)
365393.56	3767007.50	0.00000c	(81050224)	365518.56	3767007.50	0.00000c	(81050224)
365643.56	3767007.50	0.00000c	(81050224)	365768.56	3767007.50	0.00000c	(81102724)
364787.78	3766259.50	0.00001c	(81011224)	365206.84	3766357.75	0.00001c	(81110224)
365180.28	3766456.25	0.00002c	(81051424)	364769.34	3766358.25	0.00001c	(81112724)

1 *** ISC3P - VERSION 04269 ***

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):

L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051, L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365195.56	3766329.25	0.00001c	(81101824)	365046.69	3766293.00	0.00001c	(81110224)
364925.03	3766265.00	0.00001c	(81122324)	364810.06	3766234.50	0.00001c	(81030624)
365230.94	3766352.75	0.00001c	(81110124)	365358.03	3766388.00	0.00000c	(81112524)
365384.34	3766356.75	0.00000c	(81082124)	365410.66	3766309.75	0.00000c	(81050924)
365214.22	3766258.25	0.00001c	(81013124)	365061.88	3766221.00	0.00001c	(81121124)
364950.50	3766192.75	0.00001c	(81102924)	364851.97	3766170.25	0.00000c	(81122324)
364936.41	3766071.00	0.00000c	(81121124)	365000.66	3766093.75	0.00000c	(81121124)
365093.69	3766117.00	0.00000c	(81011124)	365250.94	3766158.50	0.00000c	(81013124)
365455.34	3766211.75	0.00000c	(81050924)	364768.56	3766257.50	0.00001c	(81040324)
364788.56	3766257.50	0.00001c	(81122024)	364808.56	3766257.50	0.00001c	(81122024)
364828.56	3766257.50	0.00001c	(81112924)	364848.56	3766257.50	0.00001c	(81103024)
364868.56	3766257.50	0.00001c	(81103024)	364888.56	3766257.50	0.00001c	(81122324)
364908.56	3766257.50	0.00001c	(81122324)	364928.56	3766257.50	0.00001c	(81122324)
364948.56	3766257.50	0.00001c	(81122324)	364968.56	3766257.50	0.00001c	(81013124)
364988.56	3766257.50	0.00001c	(81013124)	365008.56	3766257.50	0.00001c	(81013124)
365028.56	3766257.50	0.00001c	(81121124)	365048.56	3766257.50	0.00001c	(81121124)
365068.56	3766257.50	0.00001c	(81121124)	365088.56	3766257.50	0.00001c	(81121124)
365108.56	3766257.50	0.00001c	(81121124)	365128.56	3766257.50	0.00001c	(81121124)
365148.56	3766257.50	0.00001c	(81121124)	365168.56	3766257.50	0.00001c	(81011224)
365188.56	3766257.50	0.00001c	(81102924)	365208.56	3766257.50	0.00001c	(81013124)

364768.56 3766277.50 0.00001 (81022824) PM25high.POU.txt 364868.56 3766277.50 0.00001c (81122324)

364888.56 3766277.50 0.00001c (81122724) 364908.56 3766277.50 0.00001c (81122724)

364928.56 3766277.50 0.00001c (81122724) 364948.56 3766277.50 0.00001c (81110224)

364968.56 3766277.50 0.00001c (81122224) 364988.56 3766277.50 0.00001c (81013124)

365008.56 3766277.50 0.00001c (81013124) 365028.56 3766277.50 0.00001c (81013124)

365048.56 3766277.50 0.00001c (81013124) 365068.56 3766277.50 0.00001c (81102924)

365088.56 3766277.50 0.00001c (81102924) 365108.56 3766277.50 0.00001c (81121124)

365128.56 3766277.50 0.00001c (81121124) 365148.56 3766277.50 0.00001c (81121124)

365168.56 3766277.50 0.00001c (81121124) 365188.56 3766277.50 0.00001c (81110224)

365208.56 3766277.50 0.00001c (81013124) 364768.56 3766297.50 0.00001c (81101224)

364968.56 3766297.50 0.00001c (81103024) 364988.56 3766297.50 0.00001c (81013124)

365008.56 3766297.50 0.00001c (81013124) 365028.56 3766297.50 0.00001c (81013124)

365048.56 3766297.50 0.00001c (81013124) 365068.56 3766297.50 0.00001c (81110224)

365088.56 3766297.50 0.00001c (81110224) 365108.56 3766297.50 0.00001c (81110224)

365128.56 3766297.50 0.00001c (81110224) 365148.56 3766297.50 0.00001c (81110224)

365168.56 3766297.50 0.00001c (81102924) 365188.56 3766297.50 0.00001c (81102924)

365208.56 3766297.50 0.00001c (81102924) 364768.56 3766317.50 0.00001c (81030524)

365048.56 3766317.50 0.00001c (81103024) 365068.56 3766317.50 0.00001c (81110124)

365088.56 3766317.50 0.00001c (81110124) 365108.56 3766317.50 0.00001c (81102924)

365128.56 3766317.50 0.00001c (81013124) 365148.56 3766317.50 0.00001c (81102924)

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***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 29

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,

L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,

L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365168.56	3766317.50	0.00001c	(81011124)	365188.56	3766317.50	0.00001c	(81011124)
365208.56	3766317.50	0.00001c	(81102924)	364768.56	3766337.50	0.00001c	(81061224)
365128.56	3766337.50	0.00001c	(81011224)	365148.56	3766337.50	0.00001c	(81011224)
365168.56	3766337.50	0.00001c	(81102924)	365188.56	3766337.50	0.00001c	(81102924)
365208.56	3766337.50	0.00001c	(81022124)	364768.56	3766357.50	0.00001c	(81092924)
365208.56	3766357.50	0.00001c	(81101824)	364768.56	3766377.50	0.00001c	(81012724)
364788.56	3766377.50	0.00001c	(81012724)	364808.56	3766377.50	0.00001c	(81012724)
364828.56	3766377.50	0.00001c	(81012724)	364848.56	3766377.50	0.00001c	(81061224)
365208.56	3766377.50	0.00001c	(81030724)	364768.56	3766397.50	0.00001c	(81112724)
364788.56	3766397.50	0.00001c	(81112724)	364808.56	3766397.50	0.00001c	(81012724)
364828.56	3766397.50	0.00001c	(81030324)	364848.56	3766397.50	0.00001c	(81030324)
364868.56	3766397.50	0.00001c	(81030324)	364888.56	3766397.50	0.00001c	(81112724)
364908.56	3766397.50	0.00001c	(81061224)	364928.56	3766397.50	0.00001c	(81022424)
365208.56	3766397.50	0.00001c	(81052224)	364768.56	3766417.50	0.00001c	(81112724)
364788.56	3766417.50	0.00001c	(81021424)	364808.56	3766417.50	0.00001c	(81030324)
364828.56	3766417.50	0.00001c	(81030324)	364848.56	3766417.50	0.00001c	(81041524)
364868.56	3766417.50	0.00001c	(81041524)	364888.56	3766417.50	0.00001c	(81041524)
364908.56	3766417.50	0.00001c	(81082524)	364928.56	3766417.50	0.00001c	(81030324)
364948.56	3766417.50	0.00001c	(81092924)	364968.56	3766417.50	0.00001c	(81092324)
364988.56	3766417.50	0.00001c	(81022424)	365008.56	3766417.50	0.00001c	(81123124)
365208.56	3766417.50	0.00001c	(81090924)	364768.56	3766437.50	0.00001c	(81102124)
364788.56	3766437.50	0.00001c	(81012724)	364808.56	3766437.50	0.00001c	(81102124)
364828.56	3766437.50	0.00001c	(81041524)	364848.56	3766437.50	0.00001c	(81041524)
364868.56	3766437.50	0.00001c	(81102124)	364888.56	3766437.50	0.00001c	(81102124)
364908.56	3766437.50	0.00001c	(81102124)	364928.56	3766437.50	0.00001c	(81041524)
364948.56	3766437.50	0.00001c	(81030324)	364968.56	3766437.50	0.00001c	(81050224)
364988.56	3766437.50	0.00001c	(81092324)	365008.56	3766437.50	0.00001c	(81092324)
365028.56	3766437.50	0.00001c	(81082724)	365048.56	3766437.50	0.00001c	(81051924)
365068.56	3766437.50	0.00001c	(81102724)	365088.56	3766437.50	0.00001c	(81082724)
365188.56	3766437.50	0.00002c	(81081424)	365208.56	3766437.50	0.00001c	(81070124)
364768.56	3766457.50	0.00001c	(81102124)	364788.56	3766457.50	0.00001c	(81102124)
364808.56	3766457.50	0.00001c	(81102124)	364828.56	3766457.50	0.00001c	(81040624)
364848.56	3766457.50	0.00001c	(81041524)	364868.56	3766457.50	0.00001c	(81102124)
364888.56	3766457.50	0.00001c	(81102124)	364908.56	3766457.50	0.00001c	(81102124)
364928.56	3766457.50	0.00001c	(81092924)	364948.56	3766457.50	0.00001c	(81041924)
364968.56	3766457.50	0.00001c	(81041924)	364988.56	3766457.50	0.00001c	(81041524)
365008.56	3766457.50	0.00001c	(81102124)	365028.56	3766457.50	0.00001c	(81081024)
365048.56	3766457.50	0.00001c	(81082724)	365068.56	3766457.50	0.00001c	(81051924)
365088.56	3766457.50	0.00001c	(81032924)	365108.56	3766457.50	0.00001c	(81051424)
365128.56	3766457.50	0.00001c	(81051424)	365148.56	3766457.50	0.00001c	(81082524)

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***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 30

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,

L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,

L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365168.56	3766457.50	0.00001c	(81081424)	365188.56	3766457.50	0.00001c	(81091524)
365208.56	3766457.50	0.00001c	(81101124)	364743.56	3766232.50	0.00000c	(81112924)
364768.56	3766232.50	0.00001c	(81112924)	364793.56	3766232.50	0.00001c	(81020824)
364818.56	3766232.50	0.00001c	(81112924)	364843.56	3766232.50	0.00001c	(81103024)
364868.56	3766232.50	0.00001c	(81122324)	364893.56	3766232.50	0.00001c	(81122324)
364918.56	3766232.50	0.00001c	(81122324)	364943.56	3766232.50	0.00001c	(81122324)
364968.56	3766232.50	0.00001c	(81121124)	364993.56	3766232.50	0.00001c	(81121124)
365018.56	3766232.50	0.00001c	(81121124)	365043.56	3766232.50	0.00001c	(81121124)
365068.56	3766232.50	0.00001c	(81121124)	365093.56	3766232.50	0.00001c	(81121124)
365118.56	3766232.50	0.00001c	(81121124)	365143.56	3766232.50	0.00001c	(81121124)
365168.56	3766232.50	0.00001c	(81121124)	365193.56	3766232.50	0.00001c	(81102924)
365218.56	3766232.50	0.00001c	(81013124)	365243.56	3766232.50	0.00000c	(81110224)
364743.56	3766257.50	0.00001c	(81022824)	365218.56	3766257.50	0.00001c	(81013124)
365243.56	3766257.50	0.00001c	(81013124)	364743.56	3766282.50	0.00001c	(81101224)
365218.56	3766282.50	0.00001c	(81011224)	365243.56	3766282.50	0.00001c	(81011224)
364743.56	3766307.50	0.00001c	(81030524)	365218.56	3766307.50	0.00001c	(81011224)
365243.56	3766307.50	0.00001c	(81011124)	364743.56	3766332.50	0.00001c	(81061224)
365218.56	3766332.50	0.00001c	(81013124)	365243.56	3766332.50	0.00001c	(81101824)
364743.56	3766357.50	0.00001c	(81092924)	365218.56	3766357.50	0.00001c	(81121424)
365243.56	3766357.50	0.00001c	(81110924)	364743.56	3766382.50	0.00001c	(81092924)
365218.56	3766382.50	0.00001c	(81010124)	365243.56	3766382.50	0.00001c	(81112224)
364743.56	3766407.50	0.00001c	(81112724)	365218.56	3766407.50	0.00001c	(81052224)
365243.56	3766407.50	0.00001c	(81010124)	364743.56	3766432.50	0.00001c	(81112724)
365218.56	3766432.50	0.00001c	(81070124)	365243.56	3766432.50	0.00001c	(81030724)
364743.56	3766457.50	0.00001c	(81102124)	365218.56	3766457.50	0.00002c	(81081424)
365243.56	3766457.50	0.00001c	(81081424)	364743.56	3766482.50	0.00000c	(81012724)

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364768.56 3766482.50 0.00000c (81021424) PM25high.POU.txt 364793.56 3766482.50 0.00001c (81102124)
 364818.56 3766482.50 0.00001c (81040624) 364843.56 3766482.50 0.00001c (81040624)
 364868.56 3766482.50 0.00001c (81040624) 364893.56 3766482.50 0.00001c (81092924)
 364918.56 3766482.50 0.00001c (81092924) 364943.56 3766482.50 0.00001c (81030324)
 364968.56 3766482.50 0.00001c (81030324) 364993.56 3766482.50 0.00001c (81032924)
 365018.56 3766482.50 0.00001c (81050224) 365043.56 3766482.50 0.00001c (81041524)
 365068.56 3766482.50 0.00001c (81082724) 365093.56 3766482.50 0.00001c (81051924)
 365118.56 3766482.50 0.00001c (81032924) 365143.56 3766482.50 0.00001c (81052924)
 365168.56 3766482.50 0.00001c (81091524) 365193.56 3766482.50 0.00001c (81081424)
 365218.56 3766482.50 0.00001c (81080824) 365243.56 3766482.50 0.00001c (81102724)
 364718.56 3766207.50 0.00000c (81012024) 364768.56 3766207.50 0.00000c (81112824)
 364818.56 3766207.50 0.00000c (81122324) 364868.56 3766207.50 0.00001c (81122324)
 364918.56 3766207.50 0.00001c (81122324) 364968.56 3766207.50 0.00001c (81102924)
 365018.56 3766207.50 0.00001c (81121124) 365068.56 3766207.50 0.00001c (81121124)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
 L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
 L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365118.56	3766207.50	0.00001c	(81121124)	365168.56	3766207.50	0.00000c	(81121124)
365218.56	3766207.50	0.00000c	(81013124)	365268.56	3766207.50	0.00000c	(81110224)
364718.56	3766257.50	0.00001c	(81112924)	365268.56	3766257.50	0.00001c	(81011124)
364718.56	3766307.50	0.00001c	(81030524)	365268.56	3766307.50	0.00001c	(81101324)
364718.56	3766357.50	0.00001c	(81022824)	365268.56	3766357.50	0.00001c	(81112224)
364718.56	3766407.50	0.00001c	(81092924)	365268.56	3766407.50	0.00001c	(81012624)
364718.56	3766457.50	0.00000c	(81102124)	365268.56	3766457.50	0.00001c	(81012624)
364718.56	3766507.50	0.00000c	(81012724)	364768.56	3766507.50	0.00000c	(81021424)
364818.56	3766507.50	0.00000c	(81102124)	364868.56	3766507.50	0.00001c	(81041924)
364918.56	3766507.50	0.00001c	(81030324)	364968.56	3766507.50	0.00001c	(81040624)
365018.56	3766507.50	0.00001c	(81102124)	365068.56	3766507.50	0.00001c	(81081024)
365118.56	3766507.50	0.00001c	(81051924)	365168.56	3766507.50	0.00001c	(81051424)
365218.56	3766507.50	0.00001c	(81080824)	365268.56	3766507.50	0.00001c	(81050224)
364668.56	3766157.50	0.00000c	(81101224)	364743.56	3766157.50	0.00000c	(81012024)
364818.56	3766157.50	0.00000c	(81112924)	364893.56	3766157.50	0.00000c	(81101524)
364968.56	3766157.50	0.00000c	(81011124)	365043.56	3766157.50	0.00000c	(81121124)
365118.56	3766157.50	0.00000c	(81102924)	365193.56	3766157.50	0.00000c	(81102924)
365268.56	3766157.50	0.00000c	(81101324)	365343.56	3766157.50	0.00000c	(81013124)
364668.56	3766232.50	0.00000c	(81112824)	365268.56	3766232.50	0.00000c	(81013124)
365343.56	3766232.50	0.00000c	(81030824)	364668.56	3766307.50	0.00001c	(81030524)
365268.56	3766307.50	0.00001c	(81101324)	365343.56	3766307.50	0.00000c	(81030824)
364668.56	3766382.50	0.00001c	(81061224)	365268.56	3766382.50	0.00001c	(81112524)
365343.56	3766382.50	0.00001c	(81112524)	364668.56	3766457.50	0.00000c	(81112724)
365268.56	3766457.50	0.00001c	(81012624)	365343.56	3766457.50	0.00001c	(81010624)
364668.56	3766532.50	0.00000c	(81011324)	364743.56	3766532.50	0.00000c	(81021424)
364818.56	3766532.50	0.00000c	(81092924)	364893.56	3766532.50	0.00000c	(81030324)
364968.56	3766532.50	0.00001c	(81030324)	365043.56	3766532.50	0.00001c	(81082724)
365118.56	3766532.50	0.00001c	(81051924)	365193.56	3766532.50	0.00001c	(81051424)
365268.56	3766532.50	0.00001c	(81080824)	365343.56	3766532.50	0.00001c	(81102724)
364568.56	3766057.50	0.00000c	(81101224)	364668.56	3766057.50	0.00000c	(81112824)
364768.56	3766057.50	0.00000c	(81031024)	364868.56	3766057.50	0.00000c	(81101524)
364968.56	3766057.50	0.00000c	(81121124)	365068.56	3766057.50	0.00000c	(81101524)
365168.56	3766057.50	0.00000c	(81011124)	365268.56	3766057.50	0.00000c	(81013124)
365368.56	3766057.50	0.00000c	(81101824)	364568.56	3766157.50	0.00000c	(81040324)
365368.56	3766157.50	0.00000c	(81013124)	364568.56	3766257.50	0.00000c	(81022824)
365368.56	3766257.50	0.00000c	(81103124)	364568.56	3766357.50	0.00000c	(81100124)
365368.56	3766357.50	0.00000c	(81110224)	364568.56	3766457.50	0.00000c	(81030424)
365368.56	3766457.50	0.00000c	(81030724)	364568.56	3766557.50	0.00000c	(81041924)
365368.56	3766557.50	0.00000c	(81091524)	364568.56	3766657.50	0.00000c	(81040624)
364668.56	3766657.50	0.00000c	(81060524)	364768.56	3766657.50	0.00000c	(81030424)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
 L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
 L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364868.56	3766657.50	0.00000c	(81123124)	364968.56	3766657.50	0.00000c	(81112424)
365068.56	3766657.50	0.00000c	(81050224)	365168.56	3766657.50	0.00000c	(81082724)
365268.56	3766657.50	0.00000c	(81041424)	365368.56	3766657.50	0.00000c	(81051424)
364268.56	3765757.50	0.00000c	(81070424)	364393.56	3765757.50	0.00000c	(81021024)
364518.56	3765757.50	0.00000c	(81021024)	364643.56	3765757.50	0.00000c	(81112324)
364768.56	3765757.50	0.00000c	(81031524)	364893.56	3765757.50	0.00000c	(81103124)
365018.56	3765757.50	0.00000c	(81012424)	365143.56	3765757.50	0.00000c	(81121124)
365268.56	3765757.50	0.00000c	(81011124)	365393.56	3765757.50	0.00000c	(81011224)
365518.56	3765757.50	0.00000c	(81010624)	365643.56	3765757.50	0.00000c	(81110124)
365768.56	3765757.50	0.00000c	(81042024)	364268.56	3765882.50	0.00000c	(81101224)
364393.56	3765882.50	0.00000c	(81070424)	364518.56	3765882.50	0.00000c	(81021024)
364643.56	3765882.50	0.00000c	(81112824)	364768.56	3765882.50	0.00000c	(81121524)
364893.56	3765882.50	0.00000c	(81103124)	365018.56	3765882.50	0.00000c	(81103024)
365143.56	3765882.50	0.00000c	(81121124)	365268.56	3765882.50	0.00000c	(81011224)
365393.56	3765882.50	0.00000c	(81102924)	365518.56	3765882.50	0.00000c	(81110124)
365643.56	3765882.50	0.00000c	(81110224)	365768.56	3765882.50	0.00000c	(81101324)
364268.56	3766007.50	0.00000c	(81012024)	364393.56	3766007.50	0.00000c	(81040324)
364518.56	3766007.50	0.00000c	(81070424)	364643.56	3766007.50	0.00000c	(81122324)
364768.56	3766007.50	0.00000c	(81022024)	364893.56	3766007.50	0.00000c	(81101524)
365018.56	3766007.50	0.00000c	(81121124)	365143.56	3766007.50	0.00000c	(81011124)
365268.56	3766007.50	0.00000c	(81103124)	365393.56	3766007.50	0.00000c	(81101824)
365518.56	3766007.50	0.00000c	(81013124)	365643.56	3766007.50	0.00000c	(81101324)
365768.56	3766007.50	0.00000c	(81080324)	364268.56	3766132.50	0.00000c	(81111024)
364393.56	3766132.50	0.00000c	(81030224)	364518.56	3766132.50	0.00000c	(81012024)
365518.56	3766132.50	0.00000c	(81101324)	365643.56	3766132.50	0.00000c	(81101424)
365768.56	3766132.50	0.00000c	(81120124)	364268.56	3766257.50	0.00000c	(81042824)
364393.56	3766257.50	0.00000c	(81042824)	364518.56	3766257.50	0.00000c	(81022824)
365518.56	3766257.50	0.00000c	(81120124)	365643.56	3766257.50	0.00000c	(81121424)
365768.56	3766257.50	0.00000c	(81110924)	364268.56	3766382.50	0.00000c	(81041924)
364393.56	3766382.50	0.00000c	(81100124)	364518.56	3766382.50	0.00000c	(81100124)
365518.56	3766382.50	0.00000c	(81121524)	365643.56	3766382.50	0.00000c	(81112024)
365768.56	3766382.50	0.00000c	(81091924)	364268.56	3766507.50	0.00000c	(81022424)

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364393.56 3766507.50 0.00000c (81122824) PM25high.POU.txt 364518.56 3766507.50 0.00000c (81030124)
365518.56 3766507.50 0.00000c (81010624) 365643.56 3766507.50 0.00000c (81121924)
365768.56 3766507.50 0.00000c (81010624) 364268.56 3766632.50 0.00000c (81051024)
364393.56 3766632.50 0.00000c (81022324) 364518.56 3766632.50 0.00000c (81092924)
365518.56 3766632.50 0.00000c (81051424) 365643.56 3766632.50 0.00000c (81101124)
365768.56 3766632.50 0.00000c (81100724) 364268.56 3766757.50 0.00000c (81081124)
364393.56 3766757.50 0.00000c (81060524) 364518.56 3766757.50 0.00000c (81040624)
364643.56 3766757.50 0.00000c (81060524) 364768.56 3766757.50 0.00000c (81082524)
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0009033, L0009034, L0009035, L0009036, L0009037, L0009038, L0009039,
L0009040, L0009041, L0009042, L0009043, L0009044, L0009045, L0009046, L0009047, L0009048, L0009049, L0009050, L0009051,
L0009052, L0009053, L0009054, L0009055, L0009056, L0009057, L0009058, L0009059, L0009060, L0009061, L0009062, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364893.56	3766757.50	0.00000c	(81012524)	365018.56	3766757.50	0.00000c	(81012224)
365143.56	3766757.50	0.00000c	(81032924)	365268.56	3766757.50	0.00000c	(81081624)
365393.56	3766757.50	0.00000c	(81041424)	365518.56	3766757.50	0.00000c	(81072824)
365643.56	3766757.50	0.00000c	(81082624)	365768.56	3766757.50	0.00000c	(81051424)
364268.56	3766882.50	0.00000c	(81011324)	364393.56	3766882.50	0.00000c	(81011324)
364518.56	3766882.50	0.00000c	(81040624)	364643.56	3766882.50	0.00000c	(81112424)
364768.56	3766882.50	0.00000	(81041524)	364893.56	3766882.50	0.00000c	(81011824)
365018.56	3766882.50	0.00000c	(81041124)	365143.56	3766882.50	0.00000c	(81110824)
365268.56	3766882.50	0.00000c	(81083024)	365393.56	3766882.50	0.00000c	(81082524)
365518.56	3766882.50	0.00000c	(81041424)	365643.56	3766882.50	0.00000c	(81073124)
365768.56	3766882.50	0.00000c	(81091524)	364268.56	3767007.50	0.00000c	(81112424)
364393.56	3767007.50	0.00000c	(81011324)	364518.56	3767007.50	0.00000c	(81041324)
364643.56	3767007.50	0.00000	(81041524)	364768.56	3767007.50	0.00000c	(81112424)
364893.56	3767007.50	0.00000	(81041524)	365018.56	3767007.50	0.00000c	(81061524)
365143.56	3767007.50	0.00000c	(81020324)	365268.56	3767007.50	0.00000c	(81032924)
365393.56	3767007.50	0.00000c	(81081024)	365518.56	3767007.50	0.00000c	(81051424)
365643.56	3767007.50	0.00000c	(81041424)	365768.56	3767007.50	0.00000c	(81073124)
364787.78	3766259.50	0.00001c	(81101224)	365206.84	3766357.75	0.00001c	(81110724)
365180.28	3766456.25	0.00002c	(81081424)	364769.34	3766358.25	0.00001c	(81092924)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	1ST HIGHEST VALUE IS	0.00001 AT (365068.56, 3766437.50, 0.00, 0.00)	DC	NA
	2ND HIGHEST VALUE IS	0.00001 AT (365008.56, 3766417.50, 0.00, 0.00)	DC	NA
	3RD HIGHEST VALUE IS	0.00001 AT (365028.56, 3766437.50, 0.00, 0.00)	DC	NA
	4TH HIGHEST VALUE IS	0.00001 AT (364928.56, 3766397.50, 0.00, 0.00)	DC	NA
	5TH HIGHEST VALUE IS	0.00001 AT (365048.56, 3766437.50, 0.00, 0.00)	DC	NA
	6TH HIGHEST VALUE IS	0.00001 AT (364988.56, 3766417.50, 0.00, 0.00)	DC	NA

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

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZFLAG)	OF TYPE	NETWORK GRID-ID
ALL	HIGH 1ST HIGH VALUE IS	0.00002c ON 81051424: AT (	365218.56, 3766457.50, 0.00, 0.00)	DC	NA
	HIGH 6TH HIGH VALUE IS	0.00002c ON 81081424: AT (	365180.28, 3766456.25, 0.00, 0.00)	DC	NA

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

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\PM10 New\PM10-24.isc ***

**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** Message Summary : ISC3P Model Execution ***

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

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 1673 Informational Message(s)
A Total of 1673 Calm Hours Identified

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

***** WARNING MESSAGES *****
*** NONE ***

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*****  
*** ISC3P  Finishes Successfully ***  
*****
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Appendix A4

Operational LST – URBEMIS, EMFAC

Bundy Structure & Parking Operational LST Analysis

	g/m PM2.5	
PM2.5	tire	break
0.071	0.002	0.005

EMFAC Results

	CO g/hr	Nox g/hr	PM10 g/hr	PM10 (tire) g/hr	PM10 (brake) g/hr	PM10 Total g/hr
Car Idle	0.131	0.138	0.002	-	-	0.002
Truck Idle				-	-	0.000
	g/m	g/mile	g/mile	g/mile	g/mile	g/mile
Car Travel	4.417	0.361	0.077	0.008	0.012	0.097
Truck Travel						0.000

Traveling

	g/mile	meters/trip	mile/trip	#trips/day	g/day	g/s
CO Car	4.4170	381	0.24	786.00	821.91	0.0095
NOx Car	0.3610	381	0.24	786.00	67.17	0.0008
PM10 Car	0.0970	381	0.24	786.00	18.05	0.0002
PM2.5 Car	0.0780	381	0.24	786.00	14.51	0.0002

IDLING

	g/h	conversion	g/s	#trips/day	% day idling	gr/day
CO Car	0.1310	3600	0.0000	786.00	0.5458	1.7161
NOx Car	0.1380	3600	0.0000	786.00	0.5458	1.8078
PM10 Car	0.0020	3600	0.0000	786.00	0.5458	0.0262
PM2.5 Car	0.0020	3600	0.0000	786.00	0.5458	0.0262

Westwood Operational LST Analysis

Traveling

	g/mile	meters/trip	mile/trip	#trips/day	g/day	g/s
CO Car	4.4170	365.76	0.23	684.00	686.64	0.0079
NOx Car	0.3610	365.76	0.23	684.00	56.12	0.0006
PM10 Car	0.0970	365.76	0.23	684.00	15.08	0.0002
PM2.5 Car	0.0780	365.76	0.23	684.00	12.13	0.0001

IDLING

	g/h	conversion	g/s	#trips/day	% day idling	gr/day
CO Car	0.1310	3600	0.0000	684.00	0.4750	1.4934
NOx Car	0.1380	3600	0.0000	684.00	0.5458	1.5732
PM10 Car	0.0020	3600	0.0000	684.00	0.5458	0.0228
PM2.5 Car	0.0020	3600	0.0000	684.00	0.5458	0.0228

Sepulveda
Operational LST Analysis

Traveling

	g/mile	meters/trip	mile/trip	#trips/day	g/day	g/s
CO Car	4.4170	243.84	0.15	830.00	555.47	0.0064
NOx Car	0.3610	243.84	0.15	830.00	45.40	0.0005
PM10 Car	0.0970	243.84	0.15	830.00	12.20	0.0001
PM2.5 Car	0.0780	243.84	0.15	830.00	9.81	0.0001

IDLING

	g/h	conversion	g/s	#trips/day	% day idling	gr/day
CO Car	0.1310	3600	0.0000	830.00	0.5764	1.812166667
NOx Car	0.1380	3600	0.0000	830.00	0.5458	1.909
PM10 Car	0.0020	3600	0.0000	830.00	0.5458	0.027666667
PM2.5 Car	0.0020	3600	0.0000	830.00	0.5458	0.027666667

Bundy Bridge Station

Page: 1

8/12/2009 1:44:25 PM

Urbemis 2007 Version 9.2.4

Detail Report for Summer Area Source Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Bundy Bridge Structure\Bundy structure new dates.urb924

Project Name: Expo - Bundy Bridge Structure-08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

AREA SOURCE EMISSION ESTIMATES (Summer Pounds Per Day, Unmitigated)

<u>Source</u>	<u>NOx</u>	<u>CO</u>	<u>PM10</u>	<u>PM2.5</u>
Natural Gas				
Hearth				
Landscape	0.02	1.55	0.01	0.01
Consumer Products				
Architectural Coatings				
TOTALS (lbs/day, unmitigated)	0.02	1.55	0.01	0.01

Area Source Changes to Defaults

The residential percentage of surface area repainted each year changed from 10% to 0.1%

The nonresidential percentage of surface area repainted each year changed from 10% to 0.1%

Page: 1

8/12/2009 1:45:46 PM

Urbemis 2007 Version 9.2.4

Detail Report for Winter Area Source Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Bundy Bridge Structure\Bundy structure new dates.urb924

Project Name: Expo - Bundy Bridge Structure-08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

AREA SOURCE EMISSION ESTIMATES (Winter Pounds Per Day, Unmitigated)

<u>Source</u>	<u>NOx</u>	<u>CO</u>	<u>PM10</u>	<u>PM2.5</u>
Natural Gas				
Hearth				
Landscaping - No Winter Emissions				
Consumer Products				
Architectural Coatings				
TOTALS (lbs/day, unmitigated)				

Area Source Changes to Defaults

The residential percentage of surface area repainted each year changed from 10% to 0.1%

The nonresidential percentage of surface area repainted each year changed from 10% to 0.1%

Bundy Bridge Parking Area

Page: 1

8/12/2009 9:59:30 AM

Urbemis 2007 Version 9.2.4

Detail Report for Summer Area Source Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Bundy Surface Parking\Bundy Surface Parking.urb924

Project Name: LA Expo Bundy Surface Parking - 08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

AREA SOURCE EMISSION ESTIMATES (Summer Pounds Per Day, Unmitigated)

<u>Source</u>	<u>NOx</u>	<u>CO</u>	<u>PM10</u>	<u>PM2.5</u>
Natural Gas				
Hearth				
Landscape	0.02	1.55	0.01	0.01
Consumer Products				
Architectural Coatings				
TOTALS (lbs/day, unmitigated)	0.02	1.55	0.01	0.01

Area Source Changes to Defaults

The residential percentage of surface area repainted each year changed from 10% to 0.2%

The nonresidential percentage of surface area repainted each year changed from 10% to 0.2%

Page: 1

8/12/2009 10:00:29 AM

Urbemis 2007 Version 9.2.4

Detail Report for Winter Area Source Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Bundy Surface Parking\Bundy Surface Parking.urb924

Project Name: LA Expo Bundy Surface Parking - 08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

AREA SOURCE EMISSION ESTIMATES (Winter Pounds Per Day, Unmitigated)

<u>Source</u>	<u>NOx</u>	<u>CO</u>	<u>PM10</u>	<u>PM2.5</u>
Natural Gas				
Hearth				
Landscaping - No Winter Emissions				
Consumer Products				
Architectural Coatings				
TOTALS (lbs/day, unmitigated)				

Area Source Changes to Defaults

The residential percentage of surface area repainted each year changed from 10% to 0.2%

The nonresidential percentage of surface area repainted each year changed from 10% to 0.2%

Centinela Aerial Structure

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8/12/2009 1:49:00 PM

Urbemis 2007 Version 9.2.4

Detail Report for Summer Area Source Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Cendinela aerial structure\Centiinela Bridge Structure.urb924

Project Name: Expo - Centinela Bridge Structure-08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

AREA SOURCE EMISSION ESTIMATES (Summer Pounds Per Day, Unmitigated)

<u>Source</u>	<u>NOx</u>	<u>CO</u>	<u>PM10</u>	<u>PM2.5</u>
Natural Gas				
Hearth				
Landscape	0.02	1.55	0.01	0.01
Consumer Products				
Architectural Coatings				
TOTALS (lbs/day, unmitigated)	0.02	1.55	0.01	0.01

Area Source Changes to Defaults

The residential percentage of surface area repainted each year changed from 10% to 0.1%

The nonresidential percentage of surface area repainted each year changed from 10% to 0.1%

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8/12/2009 1:50:13 PM

Urbemis 2007 Version 9.2.4

Detail Report for Winter Area Source Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Cendinela aerial structure\Centiinela Bridge Structure.urb924

Project Name: Expo - Centinela Bridge Structure-08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

AREA SOURCE EMISSION ESTIMATES (Winter Pounds Per Day, Unmitigated)

<u>Source</u>	<u>NOx</u>	<u>CO</u>	<u>PM10</u>	<u>PM2.5</u>
Natural Gas				
Hearth				
Landscaping - No Winter Emissions				
Consumer Products				
Architectural Coatings				
TOTALS (lbs/day, unmitigated)				

Area Source Changes to Defaults

The residential percentage of surface area repainted each year changed from 10% to 0.1%

The nonresidential percentage of surface area repainted each year changed from 10% to 0.1%

Sepulveda Aerial Structure

8/14/2009 9:33:04 AM

Urbemis 2007 Version 9.2.4

Detail Report for Summer Area Source Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Sepulveda Bridge Structure\Sepulveda Aerial Structurewith ground cover.urb924

Project Name: Expo - Sepulveda Bridge Structure

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

AREA SOURCE EMISSION ESTIMATES (Summer Pounds Per Day, Unmitigated)

<u>Source</u>	<u>NOx</u>	<u>CO</u>	<u>PM10</u>	<u>PM2.5</u>
Natural Gas				
Hearth				
Landscape	0.02	1.55	0.01	0.01
Consumer Products				
Architectural Coatings				
TOTALS (lbs/day, unmitigated)	0.02	1.55	0.01	0.01

Area Source Changes to Defaults

The residential percentage of surface area repainted each year changed from 10% to 0.1%

The nonresidential percentage of surface area repainted each year changed from 10% to 0.1%

Page: 1

8/14/2009 9:37:01 AM

Urbemis 2007 Version 9.2.4

Detail Report for Winter Area Source Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Sepulveda Bridge Structure\Sepulveda Aerial Structurewith ground cover.urb924

Project Name: Expo - Sepulveda Bridge Structure

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

AREA SOURCE EMISSION ESTIMATES (Winter Pounds Per Day, Unmitigated)

<u>Source</u>	<u>NOx</u>	<u>CO</u>	<u>PM10</u>	<u>PM2.5</u>
Natural Gas				
Hearth				
Landscaping - No Winter Emissions				
Consumer Products				
Architectural Coatings				
TOTALS (lbs/day, unmitigated)				

Area Source Changes to Defaults

The residential percentage of surface area repainted each year changed from 10% to 0.1%

The nonresidential percentage of surface area repainted each year changed from 10% to 0.1%

Sepulveda Parking Area

Urbemis 2007 Version 9.2.4

Detail Report for Summer Area Source Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Sepulveda parking\Sepulveda Parking.urb924

Project Name: LA Expo Sepulveda Parking - 08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

AREA SOURCE EMISSION ESTIMATES (Summer Pounds Per Day, Unmitigated)

<u>Source</u>	<u>NOx</u>	<u>CO</u>	<u>PM10</u>	<u>PM2.5</u>
Natural Gas				
Hearth				
Landscape	0.02	1.55	0.01	0.01
Consumer Products				
Architectural Coatings				
TOTALS (lbs/day, unmitigated)	0.02	1.55	0.01	0.01

Area Source Changes to Defaults

The residential percentage of surface area repainted each year changed from 10% to 0.2%

The nonresidential percentage of surface area repainted each year changed from 10% to 0.2%

Page: 1

8/12/2009 2:15:17 PM

Urbemis 2007 Version 9.2.4

Detail Report for Winter Area Source Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Sepulveda parking\Sepulveda Parking.urb924

Project Name: LA Expo Sepulveda Parking - 08-11-09

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

AREA SOURCE EMISSION ESTIMATES (Winter Pounds Per Day, Unmitigated)

<u>Source</u>	<u>NOx</u>	<u>CO</u>	<u>PM10</u>	<u>PM2.5</u>
Natural Gas				
Hearth				
Landscaping - No Winter Emissions				
Consumer Products				
Architectural Coatings				
TOTALS (lbs/day, unmitigated)				

Area Source Changes to Defaults

The residential percentage of surface area repainted each year changed from 10% to 0.2%

The nonresidential percentage of surface area repainted each year changed from 10% to 0.2%

Westwood Parking Area

Page: 1

8/12/2009 10:41:50 AM

Urbemis 2007 Version 9.2.4

Detail Report for Summer Area Source Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Westwood\L.A. Expo Westwood Surface Parking Facilities.urb924

Project Name: L.A. Expo Westwood Surface Parking Facilities

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

AREA SOURCE EMISSION ESTIMATES (Summer Pounds Per Day, Unmitigated)

<u>Source</u>	<u>NOx</u>	<u>CO</u>	<u>PM10</u>	<u>PM2.5</u>
Natural Gas	0.00	0.00	0.00	0.00
Hearth - No Summer Emissions				
Landscape	0.02	1.55	0.01	0.01
Consumer Products				
Architectural Coatings				
TOTALS (lbs/day, unmitigated)	0.02	1.55	0.01	0.01

Area Source Changes to Defaults

Page: 1

8/12/2009 10:43:21 AM

Urbemis 2007 Version 9.2.4

Detail Report for Winter Area Source Unmitigated Emissions (Pounds/Day)

File Name: R:\General Air Quality Info\Projects\100008276- LA Expo LST runs\Modeling\Urbemis\August Remodeling Effort\Westwood\L.A. Expo Westwood Surface Parking Facilities.urb924

Project Name: L.A. Expo Westwood Surface Parking Facilities

Project Location: South Coast AQMD

On-Road Vehicle Emissions Based on: Version : Emfac2007 V2.3 Nov 1 2006

Off-Road Vehicle Emissions Based on: OFFROAD2007

AREA SOURCE EMISSION ESTIMATES (Winter Pounds Per Day, Unmitigated)

<u>Source</u>	<u>NOx</u>	<u>CO</u>	<u>PM10</u>	<u>PM2.5</u>
Natural Gas	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00
Landscaping - No Winter Emissions				
Consumer Products				
Architectural Coatings				
TOTALS (lbs/day, unmitigated)	0.00	0.00	0.00	0.00

Area Source Changes to Defaults

	Automobiles 2013															
	CO		Nox		PM10		PM10 Tire		PM10 break		PM2.5		PM2.5 Tire		PM2.5 Break	
Speed: temp/humid	0.000 g/hr	5.000 gr/mi	0.000 g/hr	5.000 gr/mi	0.000 g/hr	5.000 gr/mi	0.000 g/hr	5.000 gr/mi	0.000 g/hr	5.000 gr/mi	0.000 g/hr	5.000 gr/mi	0.000 g/hr	5.000 gr/mi	0.000 g/hr	5.000 gr/mi
60/50	0.131	3.892	0.138	0.444	0.002	0.077	0.000	0.008	0.000	0.012	0.002	0.071	0.000	0.002	0.000	0.005
70/50	0.131	3.894	0.138	0.394	0.002	0.077	0.000	0.008	0.000	0.012	0.002	0.071	0.000	0.002	0.000	0.005
80/50	0.131	4.444	0.138	0.361	0.002	0.077	0.000	0.008	0.000	0.012	0.002	0.071	0.000	0.002	0.000	0.005
90/50	0.131	5.253	0.138	0.331	0.002	0.077	0.000	0.008	0.000	0.012	0.002	0.071	0.000	0.002	0.000	0.005
60/60	0.131	3.892	0.138	0.432	0.002	0.077	0.000	0.008	0.000	0.012	0.002	0.071	0.000	0.002	0.000	0.005
70/60	0.131	3.894	0.138	0.377	0.002	0.077	0.000	0.008	0.000	0.012	0.002	0.071	0.000	0.002	0.000	0.005
80/60	0.131	4.518	0.138	0.338	0.002	0.077	0.000	0.008	0.000	0.012	0.002	0.071	0.000	0.002	0.000	0.005
90/60	0.131	5.359	0.138	0.298	0.002	0.077	0.000	0.008	0.000	0.012	0.002	0.071	0.000	0.002	0.000	0.005
60/70	0.131	3.892	0.138	0.419	0.002	0.077	0.000	0.008	0.000	0.012	0.002	0.071	0.000	0.002	0.000	0.005
70/70	0.131	3.938	0.138	0.361	0.002	0.077	0.000	0.008	0.000	0.012	0.002	0.071	0.000	0.002	0.000	0.005
80/70	0.131	4.553	0.138	0.315	0.002	0.077	0.000	0.008	0.000	0.012	0.002	0.071	0.000	0.002	0.000	0.005
90/70	0.131	5.474	0.138	0.264	0.002	0.077	0.000	0.008	0.000	0.012	0.002	0.071	0.000	0.002	0.000	0.005
Average:	0.131 g/hr	4.417 gr/mi	0.138 g/hr	0.361 gr/mi	0.002 g/hr	0.077 gr/mi	0.000 g/hr	0.008 gr/mi	0.000 g/hr	0.012 gr/mi	0.002 g/hr	0.071 gr/mi	0.000 g/hr	0.002 gr/mi	0.000 g/hr	0.005 gr/mi

[illegible]

Speed: temp/humid	Diesel	
	0.000	5.000
60/50	0.000	6.600
70/50	0.000	6.600
80/50	0.000	6.600
90/50	0.000	6.600
60/60	0.000	6.600
70/60	0.000	6.600
80/60	0.000	6.600
90/60	0.000	6.600
60/70	0.000	6.600
70/70	0.000	6.600
80/70	0.000	6.600
90/70	0.000	6.600
Average:	0.000	6.600
	g/hr	gr/mi

Appendix A5

Operational LST – ISC3 Output

CO

```

**
*****
**
** ISC-PRIME Input Produced by:
** AERMOD View Ver. 6.0.0
** Lakes Environmental Software Inc.
** Date: 9/2/2009
** File: C:\AERMOD Projects\EXPO\Expo Opera\CO\COOP.PIN
**
*****
**
**
*****
** ISC-PRIME Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc
  MODELOPT DFAULT CONC URBAN
  AVERTIME 1 8 ANNUAL
  POLLUTID CO
  TERRHGT5 FLAT
  RUNORNOT RUN
CO FINISHED
**
*****
** ISC-PRIME Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FP1
** DESCRSRC
** Length of Side = 3.66
** Emission Rate = 4.91E-07
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 364845.15, 3766207.70, 0.00, 0.50, 0.0
** 364836.91, 3766251.63, 0.00, 0.50, 3.19
** -----
** LOCATION L0001450 VOLUME 364844.819 3766209.549
** LOCATION L0001451 VOLUME 364843.556 3766216.282
** LOCATION L0001452 VOLUME 364842.294 3766223.016
** LOCATION L0001453 VOLUME 364841.031 3766229.750
** LOCATION L0001454 VOLUME 364839.769 3766236.484
** LOCATION L0001455 VOLUME 364838.506 3766243.218
** LOCATION L0001456 VOLUME 364837.243 3766249.951
** End of Line Source
** Line Source represented by Separated volume Sources
** -----
** LINE Source ID = FP2
** DESCRSRC
** Length of Side = 7.32
** Emission Rate = 4.91E-07
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 364858.02, 3766207.32, 0.00, 0.50, 0.0
** 364848.87, 3766253.08, 0.00, 0.50, 6.10
** -----
** LOCATION L0001457 VOLUME 364857.313 3766210.836
** LOCATION L0001458 VOLUME 364854.740 3766223.695
** LOCATION L0001459 VOLUME 364852.166 3766236.555
** LOCATION L0001460 VOLUME 364849.593 3766249.414
** End of Line Source
** Line Source represented by Separated volume Sources
** -----
** LINE Source ID = FP3
** DESCRSRC
** Length of Side = 7.32
** Emission Rate = 4.91E-07
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 364868.28, 3766213.06, 0.00, 0.50, 0.0
** 364862.99, 3766238.18, 0.00, 0.50, 4.30
** -----
** LOCATION L0001461 VOLUME 364867.532 3766216.580
** LOCATION L0001462 VOLUME 364865.641 3766225.625
** LOCATION L0001463 VOLUME 364863.749 3766234.670
** End of Line Source
** Line Source represented by Separated volume Sources
** -----
** LINE Source ID = FD1
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 1.68E-5
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 4
** 364872.25, 3766178.01, 0.00, 0.50, 0.0
** 364866.96, 3766195.20, 0.00, 0.50, 4.85
** 364851.75, 3766204.46, 0.00, 0.50, 4.14
** 364839.85, 3766254.71, 0.00, 0.50, 6.00
** -----
** LOCATION L0001464 VOLUME 364871.135 3766181.643
** LOCATION L0001465 VOLUME 364868.084 3766191.607
** LOCATION L0001466 VOLUME 364862.615 3766197.896
** LOCATION L0001467 VOLUME 364855.006 3766202.521
** LOCATION L0001468 VOLUME 364849.652 3766213.355
** LOCATION L0001469 VOLUME 364846.675 3766225.918
** LOCATION L0001470 VOLUME 364843.699 3766238.480
** LOCATION L0001471 VOLUME 364840.722 3766251.043
** End of Line Source
** Line Source represented by Separated volume Sources
** -----
** LINE Source ID = FD2
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 1.68E-5
** Vertical Dimension = 0.50
** SZINIT = 0.23

```

```

** Nodes = 4
** 364871.59, 3766178.01, 0.00, 0.50, 0.0
** 364866.96, 3766193.22, 0.00, 0.50, 3.87
** 364853.07, 3766204.46, 0.00, 0.50, 4.16
** 364840.51, 3766252.73, 0.00, 0.50, 5.80
** -----
LOCATION L0001472 VOLUME 364870.488 3766181.646
LOCATION L0001473 VOLUME 364868.075 3766189.604
LOCATION L0001474 VOLUME 364862.978 3766196.479
LOCATION L0001475 VOLUME 364856.025 3766202.104
LOCATION L0001476 VOLUME 364850.882 3766212.875
LOCATION L0001477 VOLUME 364847.741 3766224.938
LOCATION L0001478 VOLUME 364844.601 3766237.000
LOCATION L0001479 VOLUME 364841.460 3766249.063
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FD3
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 1.68E-5
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 364870.93, 3766178.67, 0.00, 0.50, 0.0
** 364853.07, 3766259.34, 0.00, 0.50, 6.96
** -----
LOCATION L0001480 VOLUME 364870.112 3766182.469
LOCATION L0001481 VOLUME 364866.867 3766197.082
LOCATION L0001482 VOLUME 364863.622 3766211.694
LOCATION L0001483 VOLUME 364860.378 3766226.306
LOCATION L0001484 VOLUME 364857.133 3766240.918
LOCATION L0001485 VOLUME 364853.888 3766255.531
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FD4
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 1.68E-5
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 364871.59, 3766178.67, 0.00, 0.50, 0.0
** 364854.40, 3766256.04, 0.00, 0.50, 6.65
** -----
LOCATION L0001486 VOLUME 364870.766 3766182.469
LOCATION L0001487 VOLUME 364867.660 3766196.431
LOCATION L0001488 VOLUME 364864.553 3766210.394
LOCATION L0001489 VOLUME 364861.447 3766224.356
LOCATION L0001490 VOLUME 364858.340 3766238.319
LOCATION L0001491 VOLUME 364855.234 3766252.281
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FD5
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 1.68E-5
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 4
** 364871.59, 3766177.35, 0.00, 0.50, 0.0
** 364866.96, 3766194.54, 0.00, 0.50, 4.76
** 364874.89, 3766211.07, 0.00, 0.50, 4.26
** 364868.94, 3766239.51, 0.00, 0.50, 6.77
** -----
LOCATION L0001492 VOLUME 364870.607 3766180.930
LOCATION L0001493 VOLUME 364867.955 3766190.820
LOCATION L0001494 VOLUME 364869.286 3766199.317
LOCATION L0001495 VOLUME 364873.255 3766207.567
LOCATION L0001496 VOLUME 364872.703 3766221.521
LOCATION L0001497 VOLUME 364869.718 3766235.771
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FD6
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 1.68E-5
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 4
** 364871.59, 3766179.33, 0.00, 0.50, 0.0
** 364865.64, 3766196.53, 0.00, 0.50, 4.95
** 364876.22, 3766209.75, 0.00, 0.50, 3.95
** 364868.94, 3766238.84, 0.00, 0.50, 6.95
** -----
LOCATION L0001498 VOLUME 364870.348 3766182.851
LOCATION L0001499 VOLUME 364866.871 3766192.899
LOCATION L0001500 VOLUME 364868.543 3766200.149
LOCATION L0001501 VOLUME 364873.840 3766206.774
LOCATION L0001502 VOLUME 364873.506 3766220.555
LOCATION L0001503 VOLUME 364869.865 3766235.055
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FTD1
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 2.681E-06
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 5
** 365112.27, 3766242.15, 0.00, 1.83, 0.0
** 365040.86, 3766246.78, 0.00, 1.83, 5.95
** 365038.88, 3766261.33, 0.00, 1.83, 6.81
** 365062.02, 3766271.91, 0.00, 1.83, 5.94
** 365009.12, 3766259.34, 0.00, 1.83, 6.33
** -----
LOCATION L0001504 VOLUME 365108.479 3766242.490
LOCATION L0001505 VOLUME 365095.719 3766243.294
LOCATION L0001506 VOLUME 365082.958 3766244.098
LOCATION L0001507 VOLUME 365070.198 3766244.902
LOCATION L0001508 VOLUME 365057.438 3766245.706
LOCATION L0001509 VOLUME 365044.677 3766246.510
LOCATION L0001510 VOLUME 365039.396 3766257.476
LOCATION L0001511 VOLUME 365046.997 3766265.021

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LOCATION L0001512 VOLUME 365058.575 3766270.396
LOCATION L0001513 VOLUME 365052.509 3766269.705
LOCATION L0001514 VOLUME 365039.282 3766266.518
LOCATION L0001515 VOLUME 365026.056 3766263.330
LOCATION L0001516 VOLUME 365012.829 3766260.143
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FTD2
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 2.681E-06
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 3
** 365011.77, 3766260.00, 0.00, 1.83, 0.0
** 365101.03, 3766260.66, 0.00, 1.83, 6.33
** 365110.29, 3766240.83, 0.00, 1.83, 5.12
** -----
LOCATION L0001517 VOLUME 365015.591 3766260.032
LOCATION L0001518 VOLUME 365029.196 3766260.146
LOCATION L0001519 VOLUME 365042.801 3766260.261
LOCATION L0001520 VOLUME 365056.406 3766260.375
LOCATION L0001521 VOLUME 365070.011 3766260.489
LOCATION L0001522 VOLUME 365083.616 3766260.604
LOCATION L0001523 VOLUME 365097.221 3766260.718
LOCATION L0001524 VOLUME 365104.057 3766254.208
LOCATION L0001525 VOLUME 365108.682 3766244.208
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BP1
** DESCRSRC
** Length of Side = 3.66
** Emission Rate = 1.552E-07
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 365910.40, 3766582.01, 0.00, 0.50, 0.0
** 366446.71, 3766722.39, 0.00, 0.50, 3.37
** -----
LOCATION L0001526 VOLUME 365912.175 3766582.463
LOCATION L0001527 VOLUME 365919.186 3766584.300
LOCATION L0001528 VOLUME 365926.196 3766586.136
LOCATION L0001529 VOLUME 365933.206 3766587.973
LOCATION L0001530 VOLUME 365940.216 3766589.809
LOCATION L0001531 VOLUME 365947.226 3766591.646
LOCATION L0001532 VOLUME 365954.236 3766593.482
LOCATION L0001533 VOLUME 365961.247 3766595.319
LOCATION L0001534 VOLUME 365968.257 3766597.155
LOCATION L0001535 VOLUME 365975.267 3766598.992
LOCATION L0001536 VOLUME 365982.277 3766600.828
LOCATION L0001537 VOLUME 365989.287 3766602.665
LOCATION L0001538 VOLUME 365996.298 3766604.501
LOCATION L0001539 VOLUME 366003.308 3766606.338
LOCATION L0001540 VOLUME 366010.318 3766608.174
LOCATION L0001541 VOLUME 366017.328 3766610.011
LOCATION L0001542 VOLUME 366024.338 3766611.847
LOCATION L0001543 VOLUME 366031.349 3766613.684
LOCATION L0001544 VOLUME 366038.359 3766615.520
LOCATION L0001545 VOLUME 366045.369 3766617.357
LOCATION L0001546 VOLUME 366052.379 3766619.193
LOCATION L0001547 VOLUME 366059.389 3766621.030
LOCATION L0001548 VOLUME 366066.399 3766622.866
LOCATION L0001549 VOLUME 366073.410 3766624.703
LOCATION L0001550 VOLUME 366080.420 3766626.539
LOCATION L0001551 VOLUME 366087.430 3766628.376
LOCATION L0001552 VOLUME 366094.440 3766630.212
LOCATION L0001553 VOLUME 366101.450 3766632.049
LOCATION L0001554 VOLUME 366108.461 3766633.885
LOCATION L0001555 VOLUME 366115.471 3766635.722
LOCATION L0001556 VOLUME 366122.481 3766637.558
LOCATION L0001557 VOLUME 366129.491 3766639.395
LOCATION L0001558 VOLUME 366136.501 3766641.231
LOCATION L0001559 VOLUME 366143.511 3766643.068
LOCATION L0001560 VOLUME 366150.522 3766644.904
LOCATION L0001561 VOLUME 366157.532 3766646.741
LOCATION L0001562 VOLUME 366164.542 3766648.577
LOCATION L0001563 VOLUME 366171.552 3766650.413
LOCATION L0001564 VOLUME 366178.562 3766652.250
LOCATION L0001565 VOLUME 366185.573 3766654.086
LOCATION L0001566 VOLUME 366192.583 3766655.923
LOCATION L0001567 VOLUME 366199.593 3766657.759
LOCATION L0001568 VOLUME 366206.603 3766659.596
LOCATION L0001569 VOLUME 366213.613 3766661.432
LOCATION L0001570 VOLUME 366220.624 3766663.269
LOCATION L0001571 VOLUME 366227.634 3766665.105
LOCATION L0001572 VOLUME 366234.644 3766666.942
LOCATION L0001573 VOLUME 366241.654 3766668.778
LOCATION L0001574 VOLUME 366248.664 3766670.615
LOCATION L0001575 VOLUME 366255.675 3766672.451
LOCATION L0001576 VOLUME 366262.685 3766674.288
LOCATION L0001577 VOLUME 366269.695 3766676.124
LOCATION L0001578 VOLUME 366276.705 3766677.961
LOCATION L0001579 VOLUME 366283.715 3766679.797
LOCATION L0001580 VOLUME 366290.726 3766681.634
LOCATION L0001581 VOLUME 366297.736 3766683.470
LOCATION L0001582 VOLUME 366304.746 3766685.307
LOCATION L0001583 VOLUME 366311.756 3766687.143
LOCATION L0001584 VOLUME 366318.766 3766688.980
LOCATION L0001585 VOLUME 366325.777 3766690.816
LOCATION L0001586 VOLUME 366332.787 3766692.653
LOCATION L0001587 VOLUME 366339.797 3766694.489
LOCATION L0001588 VOLUME 366346.807 3766696.326
LOCATION L0001589 VOLUME 366353.817 3766698.162
LOCATION L0001590 VOLUME 366360.828 3766699.999
LOCATION L0001591 VOLUME 366367.838 3766701.835
LOCATION L0001592 VOLUME 366374.848 3766703.672
LOCATION L0001593 VOLUME 366381.858 3766705.508
LOCATION L0001594 VOLUME 366388.868 3766707.345
LOCATION L0001595 VOLUME 366395.879 3766709.181
LOCATION L0001596 VOLUME 366402.889 3766711.018
LOCATION L0001597 VOLUME 366409.899 3766712.854
LOCATION L0001598 VOLUME 366416.909 3766714.691
LOCATION L0001599 VOLUME 366423.919 3766716.527
LOCATION L0001600 VOLUME 366430.930 3766718.364
LOCATION L0001601 VOLUME 366437.940 3766720.200
LOCATION L0001602 VOLUME 366444.950 3766722.037

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** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BP2
** DESCRSRC
** Length of Side = 3.66
** Emission Rate = 1.552E-07
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 365834.43, 3766564.98, 0.00, 0.50, 0.0
** 365480.24, 3766467.05, 0.00, 0.50, 3.38
** -----
LOCATION L0001603 VOLUME 365832.675 3766564.512
LOCATION L0001604 VOLUME 365825.662 3766562.572
LOCATION L0001605 VOLUME 365818.648 3766560.631
LOCATION L0001606 VOLUME 365811.635 3766558.691
LOCATION L0001607 VOLUME 365804.622 3766556.750
LOCATION L0001608 VOLUME 365797.609 3766554.810
LOCATION L0001609 VOLUME 365790.595 3766552.869
LOCATION L0001610 VOLUME 365783.582 3766550.929
LOCATION L0001611 VOLUME 365776.569 3766548.988
LOCATION L0001612 VOLUME 365769.556 3766547.048
LOCATION L0001613 VOLUME 365762.542 3766545.107
LOCATION L0001614 VOLUME 365755.529 3766543.167
LOCATION L0001615 VOLUME 365748.516 3766541.226
LOCATION L0001616 VOLUME 365741.503 3766539.286
LOCATION L0001617 VOLUME 365734.489 3766537.345
LOCATION L0001618 VOLUME 365727.476 3766535.405
LOCATION L0001619 VOLUME 365720.463 3766533.464
LOCATION L0001620 VOLUME 365713.450 3766531.524
LOCATION L0001621 VOLUME 365706.436 3766529.583
LOCATION L0001622 VOLUME 365699.423 3766527.643
LOCATION L0001623 VOLUME 365692.410 3766525.702
LOCATION L0001624 VOLUME 365685.397 3766523.762
LOCATION L0001625 VOLUME 365678.384 3766521.821
LOCATION L0001626 VOLUME 365671.370 3766519.881
LOCATION L0001627 VOLUME 365664.357 3766517.940
LOCATION L0001628 VOLUME 365657.344 3766516.000
LOCATION L0001629 VOLUME 365650.331 3766514.060
LOCATION L0001630 VOLUME 365643.317 3766512.119
LOCATION L0001631 VOLUME 365636.304 3766510.179
LOCATION L0001632 VOLUME 365629.291 3766508.238
LOCATION L0001633 VOLUME 365622.278 3766506.298
LOCATION L0001634 VOLUME 365615.264 3766504.357
LOCATION L0001635 VOLUME 365608.251 3766502.417
LOCATION L0001636 VOLUME 365601.238 3766500.476
LOCATION L0001637 VOLUME 365594.225 3766498.536
LOCATION L0001638 VOLUME 365587.211 3766496.595
LOCATION L0001639 VOLUME 365580.198 3766494.655
LOCATION L0001640 VOLUME 365573.185 3766492.714
LOCATION L0001641 VOLUME 365566.172 3766490.774
LOCATION L0001642 VOLUME 365559.158 3766488.833
LOCATION L0001643 VOLUME 365552.145 3766486.893
LOCATION L0001644 VOLUME 365545.132 3766484.952
LOCATION L0001645 VOLUME 365538.119 3766483.012
LOCATION L0001646 VOLUME 365531.105 3766481.071
LOCATION L0001647 VOLUME 365524.092 3766479.131
LOCATION L0001648 VOLUME 365517.079 3766477.190
LOCATION L0001649 VOLUME 365510.066 3766475.250
LOCATION L0001650 VOLUME 365503.052 3766473.309
LOCATION L0001651 VOLUME 365496.039 3766471.369
LOCATION L0001652 VOLUME 365489.026 3766469.428
LOCATION L0001653 VOLUME 365482.013 3766467.488
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BD1
** DESCRSRC
** Length of Side = 9.14
** Emission Rate = 0.000108
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 3
** 365460.10, 3766465.22, 0.00, 0.50, 0.0
** 365478.88, 3766474.16, 0.00, 0.50, 5.44
** 365744.44, 3766547.49, 0.00, 0.50, 8.01
** -----
LOCATION L0001654 VOLUME 365464.215 3766467.225
LOCATION L0001655 VOLUME 365474.754 3766472.275
LOCATION L0001656 VOLUME 365491.067 3766477.613
LOCATION L0001657 VOLUME 365507.665 3766482.191
LOCATION L0001658 VOLUME 365524.262 3766486.769
LOCATION L0001659 VOLUME 365540.860 3766491.347
LOCATION L0001660 VOLUME 365557.458 3766495.925
LOCATION L0001661 VOLUME 365574.055 3766500.504
LOCATION L0001662 VOLUME 365590.653 3766505.082
LOCATION L0001663 VOLUME 365607.251 3766509.660
LOCATION L0001664 VOLUME 365623.848 3766514.238
LOCATION L0001665 VOLUME 365640.446 3766518.816
LOCATION L0001666 VOLUME 365657.044 3766523.394
LOCATION L0001667 VOLUME 365673.641 3766527.972
LOCATION L0001668 VOLUME 365690.239 3766532.550
LOCATION L0001669 VOLUME 365706.837 3766537.129
LOCATION L0001670 VOLUME 365723.434 3766541.707
LOCATION L0001671 VOLUME 365740.032 3766546.285
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BD2
** DESCRSRC
** Length of Side = 9.14
** Emission Rate = 0.000108
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 3
** 365884.77, 3766575.04, 0.00, 0.50, 0.0
** 365845.83, 3766575.04, 0.00, 0.50, 6.93
** 365603.36, 3766509.62, 0.00, 0.50, 8.35
** -----
LOCATION L0001672 VOLUME 365880.209 3766575.000
LOCATION L0001673 VOLUME 365865.313 3766575.000
LOCATION L0001674 VOLUME 365850.416 3766575.000
LOCATION L0001675 VOLUME 365832.936 3766571.514
LOCATION L0001676 VOLUME 365815.615 3766566.835
LOCATION L0001677 VOLUME 365798.293 3766562.156
LOCATION L0001678 VOLUME 365780.972 3766557.478
LOCATION L0001679 VOLUME 365763.650 3766552.799

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LOCATION L0001680 VOLUME 365746.329 3766548.121
LOCATION L0001681 VOLUME 365729.008 3766543.442
LOCATION L0001682 VOLUME 365711.686 3766538.764
LOCATION L0001683 VOLUME 365694.365 3766534.085
LOCATION L0001684 VOLUME 365677.043 3766529.406
LOCATION L0001685 VOLUME 365659.722 3766524.728
LOCATION L0001686 VOLUME 365642.400 3766520.049
LOCATION L0001687 VOLUME 365625.079 3766515.371
LOCATION L0001688 VOLUME 365607.758 3766510.692
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BD3
** DESCRSRC
** Length of Side = 9.14
** Emission Rate = 0.000108
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 3
** 365896.66, 3766575.04, 0.00, 0.50, 0.0
** 365903.07, 3766588.77, 0.00, 0.50, 2.80
** 366303.94, 3766694.94, 0.00, 0.50, 8.39
** -----
LOCATION L0001689 VOLUME 365898.587 3766579.144
LOCATION L0001690 VOLUME 365901.132 3766584.606
LOCATION L0001691 VOLUME 365916.072 3766592.198
LOCATION L0001692 VOLUME 365933.502 3766596.818
LOCATION L0001693 VOLUME 365950.931 3766601.437
LOCATION L0001694 VOLUME 365968.360 3766606.057
LOCATION L0001695 VOLUME 365985.790 3766610.676
LOCATION L0001696 VOLUME 366003.219 3766615.296
LOCATION L0001697 VOLUME 366020.649 3766619.916
LOCATION L0001698 VOLUME 366038.078 3766624.535
LOCATION L0001699 VOLUME 366055.507 3766629.155
LOCATION L0001700 VOLUME 366072.937 3766633.774
LOCATION L0001701 VOLUME 366090.366 3766638.394
LOCATION L0001702 VOLUME 366107.795 3766643.013
LOCATION L0001703 VOLUME 366125.225 3766647.633
LOCATION L0001704 VOLUME 366142.654 3766652.253
LOCATION L0001705 VOLUME 366160.083 3766656.872
LOCATION L0001706 VOLUME 366177.513 3766661.492
LOCATION L0001707 VOLUME 366194.942 3766666.111
LOCATION L0001708 VOLUME 366212.371 3766670.731
LOCATION L0001709 VOLUME 366229.801 3766675.350
LOCATION L0001710 VOLUME 366247.230 3766679.970
LOCATION L0001711 VOLUME 366264.659 3766684.590
LOCATION L0001712 VOLUME 366282.089 3766689.209
LOCATION L0001713 VOLUME 366299.518 3766693.829
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BD4
** DESCRSRC
** Length of Side = 9.14
** Emission Rate = 0.000108
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 3
** 366486.98, 3766733.38, 0.00, 0.50, 0.0
** 366444.88, 3766730.63, 0.00, 0.50, 7.68
** 366017.47, 3766620.80, 0.00, 0.50, 8.21
** -----
LOCATION L0001714 VOLUME 366482.406 3766733.202
LOCATION L0001715 VOLUME 366465.922 3766732.125
LOCATION L0001716 VOLUME 366449.437 3766731.048
LOCATION L0001717 VOLUME 366432.206 3766727.490
LOCATION L0001718 VOLUME 366415.110 3766723.090
LOCATION L0001719 VOLUME 366398.014 3766718.690
LOCATION L0001720 VOLUME 366380.918 3766714.290
LOCATION L0001721 VOLUME 366363.821 3766709.890
LOCATION L0001722 VOLUME 366346.725 3766705.490
LOCATION L0001723 VOLUME 366329.629 3766701.090
LOCATION L0001724 VOLUME 366312.533 3766696.690
LOCATION L0001725 VOLUME 366295.436 3766692.290
LOCATION L0001726 VOLUME 366278.340 3766687.890
LOCATION L0001727 VOLUME 366261.244 3766683.490
LOCATION L0001728 VOLUME 366244.148 3766679.090
LOCATION L0001729 VOLUME 366227.051 3766674.690
LOCATION L0001730 VOLUME 366209.955 3766670.290
LOCATION L0001731 VOLUME 366192.859 3766665.890
LOCATION L0001732 VOLUME 366175.763 3766661.490
LOCATION L0001733 VOLUME 366158.666 3766657.090
LOCATION L0001734 VOLUME 366141.570 3766652.690
LOCATION L0001735 VOLUME 366124.474 3766648.290
LOCATION L0001736 VOLUME 366107.378 3766643.890
LOCATION L0001737 VOLUME 366090.281 3766639.490
LOCATION L0001738 VOLUME 366073.185 3766635.090
LOCATION L0001739 VOLUME 366056.089 3766630.690
LOCATION L0001740 VOLUME 366038.993 3766626.290
LOCATION L0001741 VOLUME 366021.896 3766621.890
** End of Line Source
LOCATION FTI POINT 365010.980 3766260.170
** Source Parameters **
SRCPARAM L0001450 7.0143E-08 0.50 3.19 0.23
SRCPARAM L0001451 7.0143E-08 0.50 3.19 0.23
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SRCPARAM L0001453 7.0143E-08 0.50 3.19 0.23
SRCPARAM L0001454 7.0143E-08 0.50 3.19 0.23
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SRCPARAM L0001457 1.2275E-07 0.50 6.10 0.23
SRCPARAM L0001458 1.2275E-07 0.50 6.10 0.23
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SRCPARAM L0001460 1.2275E-07 0.50 6.10 0.23
SRCPARAM L0001461 1.6367E-07 0.50 4.30 0.23
SRCPARAM L0001462 1.6367E-07 0.50 4.30 0.23
SRCPARAM L0001463 1.6367E-07 0.50 4.30 0.23
SRCPARAM L0001464 2.1E-06 0.50 4.85 0.23
SRCPARAM L0001465 2.1E-06 0.50 4.85 0.23
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SRCPARAM L0001468 2.1E-06 0.50 6.00 0.23
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SRCPARAM L0001472 2.1E-06 0.50 3.87 0.23
SRCPARAM L0001473 2.1E-06 0.50 3.87 0.23
SRCPARAM L0001474 2.1E-06 0.50 4.16 0.23

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SRCPARAM L0001711 4.32E-06 0.50 8.39 0.23
SRCPARAM L0001712 4.32E-06 0.50 8.39 0.23
SRCPARAM L0001713 4.32E-06 0.50 8.39 0.23
SRCPARAM L0001714 3.8571E-06 0.50 7.68 0.23
SRCPARAM L0001715 3.8571E-06 0.50 7.68 0.23
SRCPARAM L0001716 3.8571E-06 0.50 7.68 0.23
SRCPARAM L0001717 3.8571E-06 0.50 8.21 0.23
SRCPARAM L0001718 3.8571E-06 0.50 8.21 0.23
SRCPARAM L0001719 3.8571E-06 0.50 8.21 0.23
SRCPARAM L0001720 3.8571E-06 0.50 8.21 0.23
SRCPARAM L0001721 3.8571E-06 0.50 8.21 0.23
SRCPARAM L0001722 3.8571E-06 0.50 8.21 0.23
SRCPARAM L0001723 3.8571E-06 0.50 8.21 0.23
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SRCPARAM L0001732 3.8571E-06 0.50 8.21 0.23
SRCPARAM L0001733 3.8571E-06 0.50 8.21 0.23
SRCPARAM L0001734 3.8571E-06 0.50 8.21 0.23
SRCPARAM L0001735 3.8571E-06 0.50 8.21 0.23
SRCPARAM L0001736 3.8571E-06 0.50 8.21 0.23
SRCPARAM L0001737 3.8571E-06 0.50 8.21 0.23
SRCPARAM L0001738 3.8571E-06 0.50 8.21 0.23
SRCPARAM L0001739 3.8571E-06 0.50 8.21 0.23
SRCPARAM L0001740 3.8571E-06 0.50 8.21 0.23
SRCPARAM L0001741 3.8571E-06 0.50 8.21 0.23
SRCPARAM FTI 7.93E-5 12.600 366.000 51.71000 0.100
SRCGROUP ALL
SO FINISHED
**
*****
** ISC-PRIME Receptor Pathway
*****
**
**
RE STARTING
** DESCRREC "RES" "Residential"
DISCCART 364763.71 3766123.21
DISCCART 364877.00 3766157.65
DISCCART 364996.63 3766189.37
DISCCART 365152.52 3766233.78
DISCCART 365186.06 3766252.81
DISCCART 364813.56 3766040.73
DISCCART 364906.91 3766067.02
DISCCART 365017.48 3766096.02
DISCCART 365171.56 3766136.80
DISCCART 364901.47 3765939.22
DISCCART 364943.16 3765956.44
DISCCART 365049.20 3765981.82
DISCCART 365196.03 3766026.23
** DESCRREC "Both" "Res"
DISCCART 365319.29 3766299.03
DISCCART 365341.04 3766259.16
DISCCART 365370.95 3766205.68
DISCCART 365416.26 3766100.55
** DESCRREC "BRES" "Bundy Residential"
DISCCART 365711.60 3766501.92
DISCCART 366498.21 3766709.29
DISCCART 365730.52 3766430.31
DISCCART 366513.30 3766637.30
DISCCART 365475.87 3766363.83
DISCCART 365509.74 3766271.00
DISCCART 365760.63 3766338.74
DISCCART 366539.65 3766543.22
** BEGIN OF NESTED GRID RECEPTORS

** Nested Grid ID = NSTD2
** Grid Count = 5
** Receptor Count = 3221
** X Origin of Bounding Box = 364713.65
** Y Origin of Bounding Box = 3766141.96
** X Size of Bounding Box = 1777.55
** Y Size of Bounding Box = 605.49
** Grid #1: Distance from Bounding Box = 25.00 Spacing = 50.00
** Grid #2: Distance from Bounding Box = 50.00 Spacing = 50.00
** Grid #3: Distance from Bounding Box = 100.00 Spacing = 75.00
** Grid #4: Distance from Bounding Box = 200.00 Spacing = 100.00
** Grid #5: Distance from Bounding Box = 500.00 Spacing = 200.00
DISCCART 364713.65 3766141.96
DISCCART 364733.65 3766141.96
DISCCART 364753.65 3766141.96
DISCCART 364773.65 3766141.96
DISCCART 364793.65 3766141.96
DISCCART 364813.65 3766141.96
DISCCART 364833.65 3766141.96
DISCCART 364853.65 3766141.96
DISCCART 364873.65 3766141.96
DISCCART 364893.65 3766141.96
DISCCART 364913.65 3766141.96
DISCCART 364933.65 3766141.96
DISCCART 364953.65 3766141.96
DISCCART 364973.65 3766141.96
DISCCART 364993.65 3766141.96
DISCCART 365013.65 3766141.96
DISCCART 365033.65 3766141.96
DISCCART 365053.65 3766141.96
DISCCART 365073.65 3766141.96
DISCCART 365093.65 3766141.96
DISCCART 365113.65 3766141.96
DISCCART 365133.65 3766141.96
DISCCART 365153.65 3766141.96
DISCCART 365173.65 3766141.96
DISCCART 365193.65 3766141.96
DISCCART 365213.65 3766141.96
DISCCART 365233.65 3766141.96
DISCCART 365253.65 3766141.96
DISCCART 365273.65 3766141.96
DISCCART 365293.65 3766141.96
DISCCART 365313.65 3766141.96
DISCCART 365333.65 3766141.96
DISCCART 365353.65 3766141.96
DISCCART 365373.65 3766141.96
DISCCART 365393.65 3766141.96

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** -----
** END OF NESTED GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name SITE
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART 364749.39 3766145.41
DISCCART 365164.66 3766254.24
DISCCART 365136.58 3766369.34
DISCCART 364719.79 3766265.79
** Plant Boundary Name PLBN1
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART 366491.12 3766752.49
DISCCART 366496.30 3766728.31
DISCCART 365453.45 3766452.06
DISCCART 365450.00 3766474.51
RE FINISHED
**
*****
** ISC-PRIME Meteorology Pathway
*****
**
**
ME STARTING
INPUTFIL C:\AERMOD~1\METDAT~1\WESTLA.ASC
ANEMHGHT 97 METERS
SURFDATA 52158 1981
UAIRDATA 91919 1981
ME FINISHED
**
*****
** ISC-PRIME Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
RECTABLE 8 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST COOP.PR\01HIGALL.PLT
PLOTFILE 8 ALL 1ST COOP.PR\08HIGALL.PLT
PLOTFILE ANNUAL ALL COOP.PR\AN00GALL.PLT
OU FINISHED

*** Message Summary For ISC3P Model Setup ***
----- Summary of Total Messages -----
A Total of 0 Fatal Error Message(s)
A Total of 1 Warning Message(s)
A Total of 0 Informational Message(s)

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

***** WARNING MESSAGES *****
SO W320 858 PPARM :Source Parameter May Be Out-of-Range for Parameter VS

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

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*** ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
*** MODEL SETUP OPTIONS SUMMARY ***
-----
**Intermediate Terrain Processing is Selected
**Model Is Setup For Calculation of Average CONCentration Values.
-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations
**Model Uses URBAN Dispersion.
**Model Uses Regulatory DEFAULT Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2
**Model Assumes Receptors on FLAT Terrain.
**Model Assumes No FLAGPOLE Receptor Heights.
**Model Calculates 2 Short Term Average(s) of: 1-HR 8-HR
and Calculates ANNUAL Averages
**This Run Includes: 293 Source(s); 1 Source Group(s); and 3254 Receptor(s)
**The Model Assumes A Pollutant Type of: CO
**Model Set To Continue RUNNING After the Setup Testing.
**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
**NOTE: The Following Flags May Appear Following CONC values: c for Calm Hours
m for Missing Hours
b for Both Calm and Missing Hours

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**Misc. Inputs: Anem. Hgt. (m) = 97.00 ; Decay Coef. = 0.000 Coop.POU.txt
Emission Units = GRAMS/SEC ; Rot. Angle = 0.0
Output Units = MICROGRAMS/M**3 ; Emission Rate Unit Factor = 0.10000E+07

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
FTI	0	0.79300E-04	365011.0	3766260.0	0.0	12.60	366.00	51.71	0.10	NO	
1 *** ISC3P - VERSION 04269 ***			*** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc								***
			***								***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0001450	0	0.70143E-07	364844.8	3766209.5	0.0	0.50	3.19	0.23	
L0001451	0	0.70143E-07	364843.6	3766216.2	0.0	0.50	3.19	0.23	
L0001452	0	0.70143E-07	364842.3	3766223.0	0.0	0.50	3.19	0.23	
L0001453	0	0.70143E-07	364841.0	3766229.8	0.0	0.50	3.19	0.23	
L0001454	0	0.70143E-07	364839.8	3766236.5	0.0	0.50	3.19	0.23	
L0001455	0	0.70143E-07	364838.5	3766243.2	0.0	0.50	3.19	0.23	
L0001456	0	0.70143E-07	364837.2	3766250.0	0.0	0.50	3.19	0.23	
L0001457	0	0.12275E-06	364857.3	3766210.8	0.0	0.50	6.10	0.23	
L0001458	0	0.12275E-06	364854.7	3766223.5	0.0	0.50	6.10	0.23	
L0001459	0	0.12275E-06	364852.2	3766236.5	0.0	0.50	6.10	0.23	
L0001460	0	0.12275E-06	364849.6	3766249.5	0.0	0.50	6.10	0.23	
L0001461	0	0.16367E-06	364867.5	3766216.5	0.0	0.50	4.30	0.23	
L0001462	0	0.16367E-06	364865.6	3766225.5	0.0	0.50	4.30	0.23	
L0001463	0	0.16367E-06	364863.7	3766234.5	0.0	0.50	4.30	0.23	
L0001464	0	0.21000E-05	364871.1	3766181.5	0.0	0.50	4.85	0.23	
L0001465	0	0.21000E-05	364868.1	3766191.5	0.0	0.50	4.85	0.23	
L0001466	0	0.21000E-05	364862.6	3766197.8	0.0	0.50	4.14	0.23	
L0001467	0	0.21000E-05	364855.0	3766202.5	0.0	0.50	4.14	0.23	
L0001468	0	0.21000E-05	364849.7	3766213.2	0.0	0.50	6.00	0.23	
L0001469	0	0.21000E-05	364846.7	3766226.0	0.0	0.50	6.00	0.23	
L0001470	0	0.21000E-05	364843.7	3766238.5	0.0	0.50	6.00	0.23	
L0001471	0	0.21000E-05	364840.7	3766251.0	0.0	0.50	6.00	0.23	
L0001472	0	0.21000E-05	364870.5	3766181.5	0.0	0.50	3.87	0.23	
L0001473	0	0.21000E-05	364868.1	3766189.5	0.0	0.50	3.87	0.23	
L0001474	0	0.21000E-05	364863.0	3766196.5	0.0	0.50	4.16	0.23	
L0001475	0	0.21000E-05	364856.0	3766202.0	0.0	0.50	4.16	0.23	
L0001476	0	0.21000E-05	364850.9	3766212.8	0.0	0.50	5.80	0.23	
L0001477	0	0.21000E-05	364847.7	3766225.0	0.0	0.50	5.80	0.23	
L0001478	0	0.21000E-05	364844.6	3766237.0	0.0	0.50	5.80	0.23	
L0001479	0	0.21000E-05	364841.5	3766249.0	0.0	0.50	5.80	0.23	
L0001480	0	0.28000E-05	364870.1	3766182.5	0.0	0.50	6.96	0.23	
L0001481	0	0.28000E-05	364866.9	3766197.0	0.0	0.50	6.96	0.23	
L0001482	0	0.28000E-05	364863.6	3766211.5	0.0	0.50	6.96	0.23	
L0001483	0	0.28000E-05	364860.4	3766226.2	0.0	0.50	6.96	0.23	
L0001484	0	0.28000E-05	364857.1	3766241.0	0.0	0.50	6.96	0.23	
L0001485	0	0.28000E-05	364853.9	3766255.5	0.0	0.50	6.96	0.23	
L0001486	0	0.28000E-05	364870.8	3766182.5	0.0	0.50	6.65	0.23	
L0001487	0	0.28000E-05	364867.7	3766196.5	0.0	0.50	6.65	0.23	
L0001488	0	0.28000E-05	364864.6	3766210.2	0.0	0.50	6.65	0.23	
L0001489	0	0.28000E-05	364861.4	3766224.2	0.0	0.50	6.65	0.23	
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			***						***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0001490	0	0.28000E-05	364858.3	3766238.2	0.0	0.50	6.65	0.23	
L0001491	0	0.28000E-05	364855.2	3766252.2	0.0	0.50	6.65	0.23	
L0001492	0	0.28000E-05	364870.6	3766181.0	0.0	0.50	4.76	0.23	
L0001493	0	0.28000E-05	364868.0	3766190.8	0.0	0.50	4.76	0.23	
L0001494	0	0.28000E-05	364869.3	3766199.2	0.0	0.50	4.26	0.23	
L0001495	0	0.28000E-05	364873.2	3766207.5	0.0	0.50	4.26	0.23	
L0001496	0	0.28000E-05	364872.7	3766221.5	0.0	0.50	6.77	0.23	
L0001497	0	0.28000E-05	364869.7	3766235.8	0.0	0.50	6.77	0.23	
L0001498	0	0.28000E-05	364870.3	3766182.8	0.0	0.50	4.95	0.23	
L0001499	0	0.28000E-05	364866.9	3766192.8	0.0	0.50	4.95	0.23	
L0001500	0	0.28000E-05	364868.5	3766200.0	0.0	0.50	3.95	0.23	
L0001501	0	0.28000E-05	364873.8	3766206.8	0.0	0.50	3.95	0.23	
L0001502	0	0.28000E-05	364873.5	3766220.5	0.0	0.50	6.95	0.23	
L0001503	0	0.28000E-05	364869.9	3766235.0	0.0	0.50	6.95	0.23	
L0001504	0	0.20623E-06	365108.5	3766242.5	0.0	1.83	5.95	0.85	
L0001505	0	0.20623E-06	365095.7	3766243.2	0.0	1.83	5.95	0.85	
L0001506	0	0.20623E-06	365083.0	3766244.0	0.0	1.83	5.95	0.85	
L0001507	0	0.20623E-06	365070.2	3766245.0	0.0	1.83	5.95	0.85	
L0001508	0	0.20623E-06	365057.4	3766245.8	0.0	1.83	5.95	0.85	
L0001509	0	0.20623E-06	365044.7	3766246.5	0.0	1.83	5.95	0.85	
L0001510	0	0.20623E-06	365039.4	3766257.5	0.0	1.83	6.81	0.85	
L0001511	0	0.20623E-06	365047.0	3766265.0	0.0	1.83	5.94	0.85	
L0001512	0	0.20623E-06	365058.6	3766270.2	0.0	1.83	5.94	0.85	
L0001513	0	0.20623E-06	365052.5	3766269.8	0.0	1.83	6.33	0.85	
L0001514	0	0.20623E-06	365039.3	3766266.5	0.0	1.83	6.33	0.85	
L0001515	0	0.20623E-06	365026.1	3766263.2	0.0	1.83	6.33	0.85	
L0001516	0	0.20623E-06	365012.8	3766260.0	0.0	1.83	6.33	0.85	
L0001517	0	0.29789E-06	365015.6	3766260.0	0.0	1.83	6.33	0.85	
L0001518	0	0.29789E-06	365029.2	3766260.0	0.0	1.83	6.33	0.85	
L0001519	0	0.29789E-06	365042.8	3766260.2	0.0	1.83	6.33	0.85	

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EMISSION RATE
SCALAR VARY
BY

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EMISSION RATE
SCALAR VARY
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EMISSION RATE

SOURCE ID	PART. CATS.	(GRAMS/SEC)	X (METERS)	Y (METERS)	ELEV. (METERS)	HEIGHT (METERS)	Coop.POU.txt SY (METERS)	SZ (METERS)	SCALAR VARY BY
L0001690	0	0.43200E-05	365901.1	3766584.5	0.0	0.50	2.80	0.23	
L0001691	0	0.43200E-05	365916.1	3766592.0	0.0	0.50	8.39	0.23	
L0001692	0	0.43200E-05	365933.5	3766596.8	0.0	0.50	8.39	0.23	
L0001693	0	0.43200E-05	365950.9	3766601.5	0.0	0.50	8.39	0.23	
L0001694	0	0.43200E-05	365968.4	3766606.0	0.0	0.50	8.39	0.23	
L0001695	0	0.43200E-05	365985.8	3766610.5	0.0	0.50	8.39	0.23	
L0001696	0	0.43200E-05	366003.2	3766615.2	0.0	0.50	8.39	0.23	
L0001697	0	0.43200E-05	366020.6	3766620.0	0.0	0.50	8.39	0.23	
L0001698	0	0.43200E-05	366038.1	3766624.5	0.0	0.50	8.39	0.23	
L0001699	0	0.43200E-05	366055.5	3766629.0	0.0	0.50	8.39	0.23	
L0001700	0	0.43200E-05	366072.9	3766633.8	0.0	0.50	8.39	0.23	
L0001701	0	0.43200E-05	366090.4	3766638.2	0.0	0.50	8.39	0.23	
L0001702	0	0.43200E-05	366107.8	3766643.0	0.0	0.50	8.39	0.23	
L0001703	0	0.43200E-05	366125.2	3766647.5	0.0	0.50	8.39	0.23	
L0001704	0	0.43200E-05	366142.7	3766652.2	0.0	0.50	8.39	0.23	
L0001705	0	0.43200E-05	366160.1	3766656.8	0.0	0.50	8.39	0.23	
L0001706	0	0.43200E-05	366177.5	3766661.5	0.0	0.50	8.39	0.23	
L0001707	0	0.43200E-05	366194.9	3766666.0	0.0	0.50	8.39	0.23	
L0001708	0	0.43200E-05	366212.4	3766670.8	0.0	0.50	8.39	0.23	
L0001709	0	0.43200E-05	366229.8	3766675.2	0.0	0.50	8.39	0.23	
L0001710	0	0.43200E-05	366247.2	3766680.0	0.0	0.50	8.39	0.23	
L0001711	0	0.43200E-05	366264.7	3766684.5	0.0	0.50	8.39	0.23	
L0001712	0	0.43200E-05	366282.1	3766689.2	0.0	0.50	8.39	0.23	
L0001713	0	0.43200E-05	366299.5	3766693.8	0.0	0.50	8.39	0.23	
L0001714	0	0.38571E-05	366482.4	3766733.2	0.0	0.50	7.68	0.23	
L0001715	0	0.38571E-05	366465.9	3766732.0	0.0	0.50	7.68	0.23	
L0001716	0	0.38571E-05	366449.4	3766731.0	0.0	0.50	7.68	0.23	
L0001717	0	0.38571E-05	366432.2	3766727.5	0.0	0.50	8.21	0.23	
L0001718	0	0.38571E-05	366415.1	3766723.0	0.0	0.50	8.21	0.23	
L0001719	0	0.38571E-05	366398.0	3766718.5	0.0	0.50	8.21	0.23	
L0001720	0	0.38571E-05	366380.9	3766714.2	0.0	0.50	8.21	0.23	
L0001721	0	0.38571E-05	366363.8	3766709.8	0.0	0.50	8.21	0.23	
L0001722	0	0.38571E-05	366346.7	3766705.5	0.0	0.50	8.21	0.23	
L0001723	0	0.38571E-05	366329.6	3766701.0	0.0	0.50	8.21	0.23	
L0001724	0	0.38571E-05	366312.5	3766696.5	0.0	0.50	8.21	0.23	
L0001725	0	0.38571E-05	366295.4	3766692.2	0.0	0.50	8.21	0.23	
L0001726	0	0.38571E-05	366278.3	3766687.8	0.0	0.50	8.21	0.23	
L0001727	0	0.38571E-05	366261.2	3766683.5	0.0	0.50	8.21	0.23	
L0001728	0	0.38571E-05	366244.1	3766679.0	0.0	0.50	8.21	0.23	
L0001729	0	0.38571E-05	366227.1	3766674.5	0.0	0.50	8.21	0.23	
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**MODELOPTS: CONC

URBAN FLAT

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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0001730	0	0.38571E-05	366210.0	3766670.2	0.0	0.50	8.21	0.23	
L0001731	0	0.38571E-05	366192.9	3766665.8	0.0	0.50	8.21	0.23	
L0001732	0	0.38571E-05	366175.8	3766661.5	0.0	0.50	8.21	0.23	
L0001733	0	0.38571E-05	366158.7	3766657.0	0.0	0.50	8.21	0.23	
L0001734	0	0.38571E-05	366141.6	3766652.5	0.0	0.50	8.21	0.23	
L0001735	0	0.38571E-05	366124.5	3766648.2	0.0	0.50	8.21	0.23	
L0001736	0	0.38571E-05	366107.4	3766643.8	0.0	0.50	8.21	0.23	
L0001737	0	0.38571E-05	366090.3	3766639.5	0.0	0.50	8.21	0.23	
L0001738	0	0.38571E-05	366073.2	3766635.0	0.0	0.50	8.21	0.23	
L0001739	0	0.38571E-05	366056.1	3766630.5	0.0	0.50	8.21	0.23	
L0001740	0	0.38571E-05	366039.0	3766626.2	0.0	0.50	8.21	0.23	
L0001741	0	0.38571E-05	366021.9	3766621.8	0.0	0.50	8.21	0.23	
1 *** ISC3P	-	VERSION 04269 ***	*** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc						***

**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** SOURCE IDS DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDS
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 L0001726, L0001727, L0001728, L0001729, L0001730, L0001731, L0001732, L0001733, L0001734, L0001735, L0001736, L0001737,
 L0001738, L0001739, L0001740, L0001741, FTI ,

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

(364763.7, 3766123.2,	0.0,	0.0);	(364877.0, 3766157.5,	0.0,	0.0);
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(365186.1, 3766252.8,	0.0,	0.0);	(364813.6, 3766040.8,	0.0,	0.0);
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(365171.6, 3766136.8,	0.0,	0.0);	(364901.5, 3765939.2,	0.0,	0.0);
(364943.2, 3765956.5,	0.0,	0.0);	(365049.2, 3765981.8,	0.0,	0.0);
(365196.0, 3766026.2,	0.0,	0.0);	(365319.3, 3766299.0,	0.0,	0.0);
(365341.0, 3766259.0,	0.0,	0.0);	(365371.0, 3766205.5,	0.0,	0.0);
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(365509.7, 3766271.0,	0.0,	0.0);	(365760.6, 3766338.8,	0.0,	0.0);
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(364773.7, 3766142.0,	0.0,	0.0);	(364793.7, 3766142.0,	0.0,	0.0);
(364813.7, 3766142.0,	0.0,	0.0);	(364833.7, 3766142.0,	0.0,	0.0);
(364853.7, 3766142.0,	0.0,	0.0);	(364873.7, 3766142.0,	0.0,	0.0);
(364893.7, 3766142.0,	0.0,	0.0);	(364913.7, 3766142.0,	0.0,	0.0);
(364933.7, 3766142.0,	0.0,	0.0);	(364953.7, 3766142.0,	0.0,	0.0);
(364973.7, 3766142.0,	0.0,	0.0);	(364993.7, 3766142.0,	0.0,	0.0);
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(365053.7, 3766142.0,	0.0,	0.0);	(365073.7, 3766142.0,	0.0,	0.0);
(365093.7, 3766142.0,	0.0,	0.0);	(365113.7, 3766142.0,	0.0,	0.0);
(365133.7, 3766142.0,	0.0,	0.0);	(365153.7, 3766142.0,	0.0,	0.0);
(365173.7, 3766142.0,	0.0,	0.0);	(365193.7, 3766142.0,	0.0,	0.0);
(365213.7, 3766142.0,	0.0,	0.0);	(365233.7, 3766142.0,	0.0,	0.0);
(365253.7, 3766142.0,	0.0,	0.0);	(365273.7, 3766142.0,	0.0,	0.0);
(365293.7, 3766142.0,	0.0,	0.0);	(365313.7, 3766142.0,	0.0,	0.0);
(365333.7, 3766142.0,	0.0,	0.0);	(365353.7, 3766142.0,	0.0,	0.0);
(365373.7, 3766142.0,	0.0,	0.0);	(365393.7, 3766142.0,	0.0,	0.0);
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(365533.7, 3766142.0,	0.0,	0.0);	(365553.7, 3766142.0,	0.0,	0.0);
(365573.7, 3766142.0,	0.0,	0.0);	(365593.7, 3766142.0,	0.0,	0.0);
(365613.7, 3766142.0,	0.0,	0.0);	(365633.7, 3766142.0,	0.0,	0.0);
(365653.7, 3766142.0,	0.0,	0.0);	(365673.7, 3766142.0,	0.0,	0.0);
(365693.7, 3766142.0,	0.0,	0.0);	(365713.7, 3766142.0,	0.0,	0.0);
(365733.7, 3766142.0,	0.0,	0.0);	(365753.7, 3766142.0,	0.0,	0.0);
(365773.7, 3766142.0,	0.0,	0.0);	(365793.7, 3766142.0,	0.0,	0.0);
(365813.7, 3766142.0,	0.0,	0.0);	(365833.7, 3766142.0,	0.0,	0.0);
(365853.7, 3766142.0,	0.0,	0.0);	(365873.7, 3766142.0,	0.0,	0.0);
(365893.7, 3766142.0,	0.0,	0.0);	(365913.7, 3766142.0,	0.0,	0.0);
(365933.7, 3766142.0,	0.0,	0.0);	(365953.7, 3766142.0,	0.0,	0.0);
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

(366013.7, 3766142.0,	0.0,	0.0);	(366033.7, 3766142.0,	0.0,	0.0);
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(366133.7, 3766142.0,	0.0,	0.0);	(366153.7, 3766142.0,	0.0,	0.0);
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(366213.7, 3766142.0,	0.0,	0.0);	(366233.7, 3766142.0,	0.0,	0.0);
(366253.7, 3766142.0,	0.0,	0.0);	(366273.7, 3766142.0,	0.0,	0.0);
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(366373.7, 3766142.0,	0.0,	0.0);	(366393.7, 3766142.0,	0.0,	0.0);
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(364813.7, 3766162.0,	0.0,	0.0);	(364833.7, 3766162.0,	0.0,	0.0);
(364853.7, 3766162.0,	0.0,	0.0);	(364873.7, 3766162.0,	0.0,	0.0);
(364893.7, 3766162.0,	0.0,	0.0);	(364913.7, 3766162.0,	0.0,	0.0);
(364933.7, 3766162.0,	0.0,	0.0);	(364953.7, 3766162.0,	0.0,	0.0);
(364973.7, 3766162.0,	0.0,	0.0);	(364993.7, 3766162.0,	0.0,	0.0);
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(365213.7, 3766162.0,	0.0,	0.0);	(365233.7, 3766162.0,	0.0,	0.0);
(365253.7, 3766162.0,	0.0,	0.0);	(365273.7, 3766162.0,	0.0,	0.0);
(365293.7, 3766162.0,	0.0,	0.0);	(365313.7, 3766162.0,	0.0,	0.0);
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**MODELOPTS:  CONC
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URBAN FLAT

DFAULT

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

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1 *** ISCP3 - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expro HRA\ExpoHra.isc

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**MODELOPTS:  CONC
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URBAN FLAT

DEFAULT

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

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[illegible]


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URBAN FLAT

DFAULT

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

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URBAN FLAT DFAULT

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URBAN FLAT DFAULT

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(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

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URBAN FLAT DFAULT

(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

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URBAN FLAT DFAULT

(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

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URBAN FLAT DFAULT

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

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

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Coop.POU.txt
(366813.7, 3767242.0, 0.0, 0.0); (367013.7, 3767242.0, 0.0, 0.0);
(364749.4, 3766145.5, 0.0, 0.0); (365164.7, 3766254.2, 0.0, 0.0);
(365136.6, 3766369.2, 0.0, 0.0); (364719.8, 3766265.8, 0.0, 0.0);
(366491.1, 3766752.5, 0.0, 0.0); (366496.3, 3766728.2, 0.0, 0.0);
(365453.5, 3766452.0, 0.0, 0.0); (365450.0, 3766474.5, 0.0, 0.0);
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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0001455	364833.7	3766242.0	-1.86
L0001457	364853.7	3766202.0	-3.63
L0001457	364853.7	3766222.0	-1.29
L0001458	364853.7	3766222.0	-11.28
L0001459	364853.7	3766242.0	-7.41
L0001460	364853.7	3766242.0	-4.59
L0001460	364853.7	3766262.0	0.03
L0001461	364873.7	3766222.0	-1.01
L0001462	364873.7	3766222.0	-0.48
L0001464	364873.7	3766182.0	-7.85
L0001465	364873.7	3766182.0	0.58
L0001467	364853.7	3766202.0	-7.47
L0001468	364853.7	3766202.0	-0.96
L0001468	364853.7	3766222.0	-3.28
L0001469	364833.7	3766222.0	0.70
L0001469	364853.7	3766222.0	-4.84
L0001470	364833.7	3766242.0	-2.28
L0001470	364853.7	3766242.0	-2.33
L0001471	364833.7	3766242.0	-1.46
L0001471	364833.7	3766262.0	0.17
L0001472	364873.7	3766182.0	-5.12
L0001475	364853.7	3766202.0	-6.57
L0001476	364853.7	3766202.0	-1.37
L0001476	364853.7	3766222.0	-2.82
L0001477	364853.7	3766222.0	-5.82
L0001478	364833.7	3766242.0	-0.44
L0001478	364853.7	3766242.0	-2.12
L0001479	364833.7	3766242.0	-1.98
L0001480	364873.7	3766182.0	-11.37
L0001481	364853.7	3766202.0	-0.83
L0001481	364873.7	3766202.0	-6.54
L0001482	364853.7	3766202.0	-1.19
L0001482	364873.7	3766202.0	-1.15
L0001482	364853.7	3766222.0	-0.49
L0001482	364873.7	3766222.0	-0.44
L0001483	364853.7	3766222.0	-7.01
L0001483	364873.7	3766222.0	-1.02
L0001484	364853.7	3766242.0	-11.35
L0001485	364853.7	3766242.0	-1.46
L0001485	364853.7	3766262.0	-8.46

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0001486	364873.7	3766182.0	-11.35
L0001487	364853.7	3766202.0	0.74
L0001487	364873.7	3766202.0	-6.16
L0001488	364853.7	3766202.0	-0.62
L0001488	364873.7	3766202.0	-2.02
L0001488	364873.7	3766222.0	0.56
L0001489	364853.7	3766222.0	-6.20
L0001489	364873.7	3766222.0	-1.87
L0001490	364853.7	3766242.0	-8.29
L0001491	364853.7	3766242.0	-3.93
L0001491	364853.7	3766262.0	-4.42
L0001492	364873.7	3766182.0	-7.01
L0001493	364873.7	3766182.0	0.20
L0001494	364873.7	3766202.0	-3.99
L0001495	364873.7	3766202.0	-3.64
L0001496	364873.7	3766222.0	-13.47
L0001497	364873.7	3766222.0	-0.24
L0001497	364873.7	3766242.0	-7.15
L0001498	364873.7	3766182.0	-7.25
L0001499	364873.7	3766202.0	0.83
L0001500	364873.7	3766202.0	-2.99
L0001501	364873.7	3766202.0	-3.74
L0001502	364873.7	3766222.0	-13.43
L0001503	364873.7	3766222.0	-1.40
L0001503	364873.7	3766242.0	-6.99
L0001504	365113.7	3766242.0	-7.58
L0001505	365093.7	3766242.0	-10.41
L0001506	365073.7	3766242.0	-3.27
L0001506	365093.7	3766242.0	-1.92
L0001507	365073.7	3766242.0	-8.21
L0001508	365053.7	3766242.0	-7.47
L0001509	365033.7	3766242.0	-0.91
L0001509	365053.7	3766242.0	-2.73
L0001510	365033.7	3766262.0	-7.34
L0001510	365053.7	3766262.0	0.30
L0001511	365033.7	3766262.0	0.91
L0001511	365053.7	3766262.0	-5.47
L0001512	365053.7	3766262.0	-3.17
L0001512	365053.7	3766282.0	-0.04
L0001513	365053.7	3766262.0	-5.77

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URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR XR (METERS)	LOCATION -- YR (METERS)	DISTANCE (METERS)
L0001513	365053.7	3766282.0	-1.31
L0001514	365033.7	3766262.0	-6.41
L0001515	365013.7	3766262.0	-1.14
L0001515	365033.7	3766262.0	-5.91
L0001516	365013.7	3766262.0	-11.45
L0001517	365013.7	3766262.0	-10.82
L0001518	365033.7	3766262.0	-8.71
L0001519	365033.7	3766262.0	-4.29
L0001519	365053.7	3766262.0	-2.63
L0001520	365053.7	3766262.0	-10.35
L0001521	365073.7	3766262.0	-9.66
L0001522	365073.7	3766262.0	-3.56
L0001522	365093.7	3766262.0	-3.44
L0001523	365093.7	3766262.0	-9.83
L0001525	365113.7	3766242.0	-5.55
L0001526	365913.7	3766582.0	-5.66
L0001527	365913.7	3766582.0	-1.27
L0001529	365933.7	3766582.0	-1.23
L0001534	365973.7	3766602.0	0.12
L0001535	365973.7	3766602.0	-3.85
L0001537	365993.7	3766602.0	-2.84
L0001538	365993.7	3766602.0	-3.62
L0001540	366013.7	3766602.0	-0.38
L0001544	366033.7	3766622.0	0.79
L0001546	366053.7	3766622.0	-3.98
L0001547	366053.7	3766622.0	-1.41
L0001548	366073.7	3766622.0	0.04
L0001549	366073.7	3766622.0	-4.48
L0001550	366073.7	3766622.0	0.89
L0001555	366113.7	3766642.0	-0.74
L0001557	366133.7	3766642.0	-2.26
L0001558	366133.7	3766642.0	-4.30
L0001560	366153.7	3766642.0	-2.91
L0001561	366153.7	3766642.0	-1.12
L0001566	366193.7	3766662.0	-1.15
L0001567	366193.7	3766662.0	0.06
L0001568	366213.7	3766662.0	0.25
L0001569	366213.7	3766662.0	-6.74
L0001570	366213.7	3766662.0	-0.17
L0001571	366233.7	3766662.0	-0.51

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DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR XR (METERS)	LOCATION -- YR (METERS)	DISTANCE (METERS)
L0001572	366233.7	3766662.0	-2.15
L0001577	366273.7	3766682.0	-0.05
L0001578	366273.7	3766682.0	-2.23
L0001580	366293.7	3766682.0	-4.27
L0001581	366293.7	3766682.0	-2.91
L0001583	366313.7	3766682.0	-1.89
L0001589	366353.7	3766702.0	-3.24
L0001590	366353.7	3766702.0	0.22
L0001591	366373.7	3766702.0	-1.43
L0001592	366373.7	3766702.0	-5.33
L0001594	366393.7	3766702.0	-0.14
L0001595	366393.7	3766702.0	0.10
L0001598	366413.7	3766722.0	0.93
L0001600	366433.7	3766722.0	-2.61
L0001601	366433.7	3766722.0	-2.62
L0001603	365833.7	3766562.0	-4.57
L0001604	365833.7	3766562.0	0.75
L0001605	365813.7	3766562.0	-2.08
L0001606	365813.7	3766562.0	-3.22
L0001608	365793.7	3766562.0	0.98
L0001611	365773.7	3766542.0	0.31
L0001612	365773.7	3766542.0	-0.80
L0001614	365753.7	3766542.0	-5.14
L0001615	365753.7	3766542.0	-2.06
L0001617	365733.7	3766542.0	-2.44
L0001622	365693.7	3766522.0	0.71
L0001623	365693.7	3766522.0	-3.31
L0001625	365673.7	3766522.0	-2.51
L0001626	365673.7	3766522.0	-4.06
L0001628	365653.7	3766522.0	-0.22
L0001632	365633.7	3766502.0	0.36
L0001634	365613.7	3766502.0	-4.51
L0001635	365613.7	3766502.0	-1.84
L0001636	365593.7	3766502.0	0.44
L0001637	365593.7	3766502.0	-3.72
L0001643	365553.7	3766482.0	-2.28
L0001645	365533.7	3766482.0	-2.72
L0001646	365533.7	3766482.0	-4.52
L0001648	365513.7	3766482.0	-1.22
L0001649	365513.7	3766482.0	0.38

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR XR (METERS)	LOCATION -- YR (METERS)	DISTANCE (METERS)
L0001654	365453.7	3766462.0	0.07
L0001654	365473.7	3766462.0	-0.87
L0001655	365473.7	3766462.0	-1.39
L0001655	365473.7	3766482.0	-1.88
L0001656	365493.7	3766462.0	-1.51
L0001656	365473.7	3766482.0	0.76

Coop.POU.txt

L0001656	365493.7	3766482.0	-12.03
L0001657	365493.7	3766482.0	-3.22
L0001657	365513.7	3766482.0	-11.22
L0001658	365513.7	3766482.0	-5.61
L0001658	365533.7	3766482.0	-6.68
L0001658	365533.7	3766502.0	0.70
L0001659	365533.7	3766482.0	-5.49
L0001659	365553.7	3766482.0	-1.44
L0001659	365533.7	3766502.0	-4.27
L0001659	365553.7	3766502.0	-0.52
L0001660	365553.7	3766482.0	-2.71
L0001660	365553.7	3766502.0	-10.11
L0001660	365573.7	3766502.0	0.04
L0001661	365573.7	3766502.0	-15.67
L0001662	365573.7	3766502.0	0.04
L0001662	365593.7	3766502.0	-12.98
L0001662	365593.7	3766522.0	0.04
L0001663	365593.7	3766502.0	-1.70
L0001663	365613.7	3766502.0	-7.36
L0001663	365613.7	3766522.0	-3.18
L0001664	365613.7	3766502.0	-1.29
L0001664	365633.7	3766502.0	-1.53
L0001664	365613.7	3766522.0	-4.42
L0001664	365633.7	3766522.0	-4.72
L0001665	365633.7	3766502.0	0.85
L0001665	365633.7	3766522.0	-9.70
L0001665	365653.7	3766522.0	-3.61
L0001666	365653.7	3766522.0	-13.62
L0001666	365673.7	3766522.0	-0.55
L0001667	365673.7	3766522.0	-11.22
L0001667	365673.7	3766542.0	-3.22
L0001668	365693.7	3766522.0	-6.17
L0001668	365693.7	3766542.0	-7.12
L0001669	365713.7	3766522.0	-0.75

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URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0001669	365693.7	3766542.0	-3.12
L0001669	365713.7	3766542.0	-8.77
L0001670	365713.7	3766542.0	-7.44
L0001670	365733.7	3766542.0	-7.00
L0001671	365733.7	3766542.0	-9.56
L0001671	365753.7	3766542.0	-2.95
L0001671	365733.7	3766562.0	-0.23
L0001672	365873.7	3766562.0	-0.35
L0001672	365873.7	3766582.0	-5.33
L0001672	365893.7	3766582.0	0.28
L0001673	365873.7	3766562.0	0.55
L0001673	365853.7	3766582.0	-1.30
L0001673	365873.7	3766582.0	-4.01
L0001674	365853.7	3766562.0	-1.50
L0001674	365853.7	3766582.0	-7.18
L0001675	365833.7	3766562.0	-8.43
L0001675	365833.7	3766582.0	-7.43
L0001676	365813.7	3766562.0	-12.82
L0001676	365833.7	3766562.0	0.72
L0001676	365813.7	3766582.0	-2.58
L0001677	365793.7	3766562.0	-13.33
L0001677	365813.7	3766562.0	-2.58
L0001678	365773.7	3766542.0	-0.81
L0001678	365773.7	3766562.0	-9.37
L0001678	365793.7	3766562.0	-4.49
L0001679	365753.7	3766542.0	-3.27
L0001679	365773.7	3766542.0	-3.27
L0001679	365753.7	3766562.0	-4.33
L0001679	365773.7	3766562.0	-4.33
L0001680	365733.7	3766542.0	-3.92
L0001680	365753.7	3766542.0	-8.49
L0001680	365733.7	3766562.0	0.94
L0001680	365753.7	3766562.0	-2.16
L0001681	365713.7	3766542.0	-2.54
L0001681	365733.7	3766542.0	-13.06
L0001682	365713.7	3766522.0	-1.09
L0001682	365693.7	3766542.0	0.37
L0001682	365713.7	3766542.0	-14.15
L0001683	365693.7	3766522.0	-5.93
L0001683	365693.7	3766542.0	-9.92

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URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0001684	365673.7	3766522.0	-9.73
L0001684	365693.7	3766522.0	0.29
L0001684	365673.7	3766542.0	-5.00
L0001685	365653.7	3766522.0	-11.30
L0001685	365673.7	3766522.0	-3.75
L0001685	365653.7	3766542.0	0.33
L0001686	365633.7	3766522.0	-8.98
L0001686	365653.7	3766522.0	-6.53
L0001687	365613.7	3766502.0	-0.47
L0001687	365633.7	3766502.0	-2.16
L0001687	365613.7	3766522.0	-4.70
L0001687	365633.7	3766522.0	-7.02
L0001688	365593.7	3766502.0	-1.49
L0001688	365613.7	3766502.0	-7.60
L0001688	365593.7	3766522.0	0.24
L0001688	365613.7	3766522.0	-5.02
L0001689	365893.7	3766582.0	-0.24
L0001691	365913.7	3766582.0	-7.75

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L0001691	365913.7	3766602.0	-7.75
L0001692	365933.7	3766582.0	-3.29
L0001692	365933.7	3766602.0	-12.79
L0001693	365933.7	3766602.0	-0.75
L0001693	365953.7	3766602.0	-15.27
L0001694	365953.7	3766602.0	-2.79
L0001694	365973.7	3766602.0	-11.41
L0001694	365973.7	3766622.0	-1.19
L0001695	365973.7	3766602.0	-3.23
L0001695	365993.7	3766602.0	-6.45
L0001695	365973.7	3766622.0	-1.33
L0001695	365993.7	3766622.0	-4.10
L0001696	365993.7	3766602.0	-1.72
L0001696	366013.7	3766602.0	-1.15
L0001696	365993.7	3766622.0	-6.36
L0001696	366013.7	3766622.0	-5.58
L0001697	366013.7	3766622.0	-10.79
L0001697	366033.7	3766622.0	-4.85
L0001698	366033.7	3766622.0	-12.97
L0001698	366053.7	3766622.0	-2.25
L0001698	366033.7	3766642.0	0.01
L0001699	366053.7	3766622.0	-10.80

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0001699	366053.7	3766642.0	-4.91
L0001700	366073.7	3766622.0	-6.27
L0001700	366073.7	3766642.0	-9.76
L0001701	366093.7	3766622.0	-1.46
L0001701	366073.7	3766642.0	-0.90
L0001701	366093.7	3766642.0	-13.06
L0001702	366093.7	3766642.0	-3.88
L0001702	366113.7	3766642.0	-12.08
L0001703	366113.7	3766642.0	-5.23
L0001703	366133.7	3766642.0	-7.97
L0001703	366113.7	3766662.0	0.51
L0001703	366133.7	3766662.0	-1.26
L0001704	366133.7	3766642.0	-4.40
L0001704	366153.7	3766642.0	-3.00
L0001704	366133.7	3766662.0	-4.77
L0001704	366153.7	3766662.0	-3.34
L0001705	366153.7	3766642.0	-1.94
L0001705	366153.7	3766662.0	-9.73
L0001705	366173.7	3766662.0	-3.50
L0001706	366173.7	3766662.0	-14.16
L0001706	366193.7	3766662.0	-1.87
L0001707	366193.7	3766662.0	-13.84
L0001707	366193.7	3766682.0	-1.99
L0001708	366213.7	3766662.0	-9.20
L0001708	366213.7	3766682.0	-6.72
L0001709	366233.7	3766662.0	-4.24
L0001709	366213.7	3766682.0	-0.53
L0001709	366233.7	3766682.0	-10.27
L0001710	366233.7	3766682.0	-4.33
L0001710	366253.7	3766682.0	-11.30
L0001711	366253.7	3766682.0	-6.76
L0001711	366273.7	3766682.0	-8.70
L0001712	366273.7	3766682.0	-6.91
L0001712	366293.7	3766682.0	-4.39
L0001712	366273.7	3766702.0	-2.75
L0001712	366293.7	3766702.0	-0.83
L0001713	366293.7	3766682.0	-4.92
L0001713	366313.7	3766682.0	0.36
L0001713	366293.7	3766702.0	-7.93
L0001713	366313.7	3766702.0	-1.65

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0001714	366473.7	3766722.0	-2.26
L0001714	366493.7	3766722.0	-0.60
L0001714	366473.7	3766742.0	-4.14
L0001714	366493.7	3766742.0	-2.26
L0001714	366496.3	3766728.2	-1.73
L0001715	366453.7	3766722.0	-0.67
L0001715	366473.7	3766722.0	-3.88
L0001715	366453.7	3766742.0	-0.67
L0001715	366473.7	3766742.0	-3.88
L0001716	366453.7	3766722.0	-6.57
L0001716	366453.7	3766742.0	-4.73
L0001717	366433.7	3766722.0	-11.96
L0001717	366433.7	3766742.0	-3.08
L0001718	366413.7	3766722.0	-15.90
L0001718	366433.7	3766722.0	0.94
L0001719	366393.7	3766702.0	-0.59
L0001719	366393.7	3766722.0	-12.07
L0001719	366413.7	3766722.0	-1.61
L0001720	366373.7	3766702.0	-3.42
L0001720	366393.7	3766702.0	0.03
L0001720	366373.7	3766722.0	-7.04
L0001720	366393.7	3766722.0	-2.73
L0001721	366353.7	3766702.0	-4.85
L0001721	366373.7	3766702.0	-5.15
L0001721	366353.7	3766722.0	-1.72
L0001721	366373.7	3766722.0	-1.96
L0001722	366333.7	3766702.0	-4.13
L0001722	366353.7	3766702.0	-9.88
L0001722	366353.7	3766722.0	0.25
L0001723	366313.7	3766702.0	-1.65

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1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXP0hra.isc ***
***                                     ***
***                                     ***
**MODELOPTS: CONC                URBAN FLAT          DFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE	- - RECEPTOR	LOCATION - -	DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)
L0001728	366233.7	3766682.0	-6.76
L0001728	366253.7	3766682.0	-7.66
L0001729	366213.7	3766662.0	0.68
L0001729	366233.7	3766662.0	-3.55
L0001729	366213.7	3766682.0	-2.29
L0001729	366233.7	3766682.0	-7.67
L0001730	366193.7	3766662.0	0.63
L0001730	366213.7	3766662.0	-8.61
L0001730	366213.7	3766682.0	-5.34
L0001731	366193.7	3766662.0	-13.82
L0001731	366193.7	3766682.0	-1.38
L0001732	366173.7	3766662.0	-15.50
L0001732	366193.7	3766662.0	0.26
L0001733	366153.7	3766642.0	-1.84
L0001733	366153.7	3766662.0	-10.58
L0001733	366173.7	3766662.0	-1.84
L0001734	366133.7	3766642.0	-4.51
L0001734	366153.7	3766642.0	-1.64
L0001734	366133.7	3766662.0	-5.29
L0001734	366153.7	3766662.0	-2.27
L0001735	366113.7	3766642.0	-5.16
L0001735	366133.7	3766642.0	-6.54
L0001735	366113.7	3766662.0	-0.16
L0001735	366133.7	3766662.0	-1.11
L0001736	366093.7	3766642.0	-3.82
L0001736	366113.7	3766642.0	-11.13
L0001737	366093.7	3766622.0	0.17
L0001737	366073.7	3766642.0	-0.84
L0001737	366093.7	3766642.0	-13.45
L0001738	366073.7	3766622.0	-4.64
L0001738	366073.7	3766642.0	-10.64
L0001739	366053.7	3766622.0	-8.81
L0001739	366053.7	3766642.0	-5.90
L0001740	366033.7	3766622.0	-10.82
L0001740	366053.7	3766622.0	-2.39
L0001740	366033.7	3766642.0	-1.02
L0001741	366013.7	3766622.0	-9.40
L0001741	366033.7	3766622.0	-5.90

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***
***
**MODELOPTS: CONC URBAN FLAT DFAULT
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*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

[illegible]

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	1	2	3	4	5	6
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXP0hra.isc ***
***
***
**MODELOPTS: CONC          URBAN  FLAT          DEFAULT

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

FILE: C:\AERMOD~1\METDAT~1\WESTLA.ASC
 SURFACE STATION NO.: 52158
 NAME: UNKNOWN
 YEAR: 1981

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
 UPPER AIR STATION NO.: 91919
 NAME: UNKNOWN
 YEAR: 1981

YEAR	MONTH	DAY	HOUR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-O (M)	IPCODE	PRATE (mm/HR)
81	1	1	1	67.3	1.00	285.9	7	387.1	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	2	79.9	1.00	286.5	7	397.2	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	3	62.5	1.00	285.9	6	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	4	98.5	1.00	285.9	5	417.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	5	354.0	1.00	285.4	4	427.4	427.4	0.0000	0.0	0.0000	0	0.00
81	1	1	6	139.5	1.00	283.7	5	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	7	94.5	1.00	283.7	6	447.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	8	112.2	1.00	284.3	5	70.1	201.5	0.0000	0.0	0.0000	0	0.00
81	1	1	9	186.5	1.00	287.0	4	144.7	254.3	0.0000	0.0	0.0000	0	0.00
81	1	1	10	256.6	1.00	291.5	3	219.4	307.0	0.0000	0.0	0.0000	0	0.00
81	1	1	11	314.1	1.00	294.8	2	294.0	359.8	0.0000	0.0	0.0000	0	0.00
81	1	1	12	35.6	2.68	290.9	3	368.7	412.5	0.0000	0.0	0.0000	0	0.00
81	1	1	13	64.7	2.24	289.8	3	443.3	465.3	0.0000	0.0	0.0000	0	0.00
81	1	1	14	34.2	2.24	290.4	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	15	44.8	1.34	290.4	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	16	53.2	1.79	289.3	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	17	42.6	0.00	288.1	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	18	30.1	1.00	287.6	5	518.0	468.5	0.0000	0.0	0.0000	0	0.00
81	1	1	19	20.5	0.00	287.0	6	518.0	425.9	0.0000	0.0	0.0000	0	0.00
81	1	1	20	55.7	1.00	287.0	7	518.0	383.4	0.0000	0.0	0.0000	0	0.00
81	1	1	21	43.6	0.00	287.6	7	518.0	340.8	0.0000	0.0	0.0000	0	0.00
81	1	1	22	137.0	1.00	287.0	7	518.0	298.2	0.0000	0.0	0.0000	0	0.00
81	1	1	23	90.7	1.00	286.5	7	518.0	255.6	0.0000	0.0	0.0000	0	0.00
81	1	1	24	67.2	1.00	286.5	6	518.0	213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
 L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
 L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO

IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364763.69	3766123.25	0.00207	364877.00	3766157.50	0.02648
364996.62	3766189.25	0.00891	365152.53	3766233.75	0.00444
365186.06	3766252.75	0.00406	364813.56	3766040.75	0.00080
364906.91	3766067.00	0.00274	365017.50	3766096.00	0.00344
365171.56	3766136.75	0.00231	364901.47	3765939.25	0.00082
364943.16	3765956.50	0.00104	365049.19	3765981.75	0.00164
365196.03	3766026.25	0.00143	365319.28	3766299.00	0.00279
365341.03	3766259.00	0.00242	365370.97	3766205.50	0.00190
365416.25	3766100.50	0.00112	365711.59	3766502.00	0.03605
366498.19	3766709.25	0.01579	365730.53	3766430.25	0.00830
366513.31	3766637.25	0.00562	365475.88	3766363.75	0.00292
365509.72	3766271.00	0.00196	365760.62	3766338.75	0.00357
366539.66	3766543.25	0.00312	364713.66	3766142.00	0.00235
364733.66	3766142.00	0.00259	364753.66	3766142.00	0.00285
364773.66	3766142.00	0.00313	364793.66	3766142.00	0.00338
364813.66	3766142.00	0.00363	364833.66	3766142.00	0.00407
364853.66	3766142.00	0.00599	364873.66	3766142.00	0.01132
364893.66	3766142.00	0.01472	364913.66	3766142.00	0.01441
364933.66	3766142.00	0.01146	364953.66	3766142.00	0.00866
364973.66	3766142.00	0.00667	364993.66	3766142.00	0.00535
365013.66	3766142.00	0.00447	365033.66	3766142.00	0.00386
365053.66	3766142.00	0.00341	365073.66	3766142.00	0.00310
365093.66	3766142.00	0.00290	365113.66	3766142.00	0.00277
365133.66	3766142.00	0.00264	365153.66	3766142.00	0.00251
365173.66	3766142.00	0.00236	365193.66	3766142.00	0.00222
365213.66	3766142.00	0.00210	365233.66	3766142.00	0.00198
365253.66	3766142.00	0.00187	365273.66	3766142.00	0.00177
365293.66	3766142.00	0.00168	365313.66	3766142.00	0.00160
365333.66	3766142.00	0.00153	365353.66	3766142.00	0.00146
365373.66	3766142.00	0.00141	365393.66	3766142.00	0.00136
365413.66	3766142.00	0.00133	365433.66	3766142.00	0.00130
365453.66	3766142.00	0.00127	365473.66	3766142.00	0.00125
365493.66	3766142.00	0.00124	365513.66	3766142.00	0.00123
365533.66	3766142.00	0.00123	365553.66	3766142.00	0.00123
365573.66	3766142.00	0.00124	365593.66	3766142.00	0.00126
365613.66	3766142.00	0.00127	365633.66	3766142.00	0.00129
365653.66	3766142.00	0.00131	365673.66	3766142.00	0.00133
365693.66	3766142.00	0.00135	365713.66	3766142.00	0.00137
365733.66	3766142.00	0.00139	365753.66	3766142.00	0.00140
365773.66	3766142.00	0.00142	365793.66	3766142.00	0.00143

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
 L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
 L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO

IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365813.66	3766142.00	0.00144	365833.66	3766142.00	0.00145
365853.66	3766142.00	0.00146	365873.66	3766142.00	0.00146
365893.66	3766142.00	0.00146	365913.66	3766142.00	0.00147
365933.66	3766142.00	0.00147	365953.66	3766142.00	0.00147

			Coop.POU.txt			
365973.66	3766142.00	0.00147	365993.66	3766142.00	0.00146	
366013.66	3766142.00	0.00146	366033.66	3766142.00	0.00145	
366053.66	3766142.00	0.00144	366073.66	3766142.00	0.00143	
366093.66	3766142.00	0.00142	366113.66	3766142.00	0.00141	
366133.66	3766142.00	0.00139	366153.66	3766142.00	0.00138	
366173.66	3766142.00	0.00136	366193.66	3766142.00	0.00135	
366213.66	3766142.00	0.00133	366233.66	3766142.00	0.00131	
366253.66	3766142.00	0.00130	366273.66	3766142.00	0.00128	
366293.66	3766142.00	0.00126	366313.66	3766142.00	0.00125	
366333.66	3766142.00	0.00123	366353.66	3766142.00	0.00122	
366373.66	3766142.00	0.00120	366393.66	3766142.00	0.00118	
366413.66	3766142.00	0.00117	366433.66	3766142.00	0.00115	
366453.66	3766142.00	0.00114	366473.66	3766142.00	0.00112	
366493.66	3766142.00	0.00111	364713.66	3766162.00	0.00308	
364733.66	3766162.00	0.00355	364753.66	3766162.00	0.00416	
364773.66	3766162.00	0.00495	364793.66	3766162.00	0.00596	
364813.66	3766162.00	0.00730	364833.66	3766162.00	0.00942	
364853.66	3766162.00	0.01364	364873.66	3766162.00	0.03265	
364893.66	3766162.00	0.03566	364913.66	3766162.00	0.02337	
364933.66	3766162.00	0.01557	364953.66	3766162.00	0.01104	
364973.66	3766162.00	0.00830	364993.66	3766162.00	0.00659	
365013.66	3766162.00	0.00547	365033.66	3766162.00	0.00469	
365053.66	3766162.00	0.00412	365073.66	3766162.00	0.00373	
365093.66	3766162.00	0.00347	365113.66	3766162.00	0.00326	
365133.66	3766162.00	0.00304	365153.66	3766162.00	0.00284	
365173.66	3766162.00	0.00265	365193.66	3766162.00	0.00247	
365213.66	3766162.00	0.00231	365233.66	3766162.00	0.00217	
365253.66	3766162.00	0.00204	365273.66	3766162.00	0.00193	
365293.66	3766162.00	0.00183	365313.66	3766162.00	0.00175	
365333.66	3766162.00	0.00167	365353.66	3766162.00	0.00160	
365373.66	3766162.00	0.00154	365393.66	3766162.00	0.00149	
365413.66	3766162.00	0.00145	365433.66	3766162.00	0.00142	
365453.66	3766162.00	0.00139	365473.66	3766162.00	0.00137	
365493.66	3766162.00	0.00135	365513.66	3766162.00	0.00134	
365533.66	3766162.00	0.00134	365553.66	3766162.00	0.00134	
365573.66	3766162.00	0.00135	365593.66	3766162.00	0.00136	

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365613.66	3766162.00	0.00138	365633.66	3766162.00	0.00140
365653.66	3766162.00	0.00142	365673.66	3766162.00	0.00144
365693.66	3766162.00	0.00147	365713.66	3766162.00	0.00149
365733.66	3766162.00	0.00151	365753.66	3766162.00	0.00152
365773.66	3766162.00	0.00154	365793.66	3766162.00	0.00155
365813.66	3766162.00	0.00156	365833.66	3766162.00	0.00157
365853.66	3766162.00	0.00157	365873.66	3766162.00	0.00157
365893.66	3766162.00	0.00157	365913.66	3766162.00	0.00157
365933.66	3766162.00	0.00157	365953.66	3766162.00	0.00157
365973.66	3766162.00	0.00157	365993.66	3766162.00	0.00156
366013.66	3766162.00	0.00155	366033.66	3766162.00	0.00154
366053.66	3766162.00	0.00152	366073.66	3766162.00	0.00151
366093.66	3766162.00	0.00149	366113.66	3766162.00	0.00147
366133.66	3766162.00	0.00146	366153.66	3766162.00	0.00144
366173.66	3766162.00	0.00142	366193.66	3766162.00	0.00141
366213.66	3766162.00	0.00139	366233.66	3766162.00	0.00137
366253.66	3766162.00	0.00135	366273.66	3766162.00	0.00134
366293.66	3766162.00	0.00132	366313.66	3766162.00	0.00130
366333.66	3766162.00	0.00128	366353.66	3766162.00	0.00127
366373.66	3766162.00	0.00125	366393.66	3766162.00	0.00123
366413.66	3766162.00	0.00122	366433.66	3766162.00	0.00120
366453.66	3766162.00	0.00118	366473.66	3766162.00	0.00117
366493.66	3766162.00	0.00115	364713.66	3766182.00	0.00384
364733.66	3766182.00	0.00464	364753.66	3766182.00	0.00575
364773.66	3766182.00	0.00740	364793.66	3766182.00	0.01004
364813.66	3766182.00	0.01477	364833.66	3766182.00	0.02574
364853.66	3766182.00	0.06378	364873.66	3766182.00	0.05921
364893.66	3766182.00	0.09629	364913.66	3766182.00	0.04068
364933.66	3766182.00	0.02334	364953.66	3766182.00	0.01540
364973.66	3766182.00	0.01109	364993.66	3766182.00	0.00851
365013.66	3766182.00	0.00688	365033.66	3766182.00	0.00578
365053.66	3766182.00	0.00501	365073.66	3766182.00	0.00448
365093.66	3766182.00	0.00411	365113.66	3766182.00	0.00379
365133.66	3766182.00	0.00348	365153.66	3766182.00	0.00321
365173.66	3766182.00	0.00295	365193.66	3766182.00	0.00271
365213.66	3766182.00	0.00252	365233.66	3766182.00	0.00236
365253.66	3766182.00	0.00223	365273.66	3766182.00	0.00211
365293.66	3766182.00	0.00201	365313.66	3766182.00	0.00192
365333.66	3766182.00	0.00184	365353.66	3766182.00	0.00176
365373.66	3766182.00	0.00170	365393.66	3766182.00	0.00164

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365413.66	3766182.00	0.00159	365433.66	3766182.00	0.00155
365453.66	3766182.00	0.00152	365473.66	3766182.00	0.00149
365493.66	3766182.00	0.00147	365513.66	3766182.00	0.00145
365533.66	3766182.00	0.00145	365553.66	3766182.00	0.00145
365573.66	3766182.00	0.00146	365593.66	3766182.00	0.00147
365613.66	3766182.00	0.00149	365633.66	3766182.00	0.00151
365653.66	3766182.00	0.00154	365673.66	3766182.00	0.00157
365693.66	3766182.00	0.00159	365713.66	3766182.00	0.00162
365733.66	3766182.00	0.00164	365753.66	3766182.00	0.00165
365773.66	3766182.00	0.00167	365793.66	3766182.00	0.00168

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365813.66	3766182.00	0.00169	365833.66	3766182.00	0.00169
365853.66	3766182.00	0.00170	365873.66	3766182.00	0.00170
365893.66	3766182.00	0.00169	365913.66	3766182.00	0.00169
365933.66	3766182.00	0.00169	365953.66	3766182.00	0.00168
365973.66	3766182.00	0.00167	365993.66	3766182.00	0.00166
366013.66	3766182.00	0.00164	366033.66	3766182.00	0.00163
366053.66	3766182.00	0.00161	366073.66	3766182.00	0.00159
366093.66	3766182.00	0.00157	366113.66	3766182.00	0.00155
366133.66	3766182.00	0.00153	366153.66	3766182.00	0.00151
366173.66	3766182.00	0.00149	366193.66	3766182.00	0.00147
366213.66	3766182.00	0.00145	366233.66	3766182.00	0.00143
366253.66	3766182.00	0.00141	366273.66	3766182.00	0.00139
366293.66	3766182.00	0.00137	366313.66	3766182.00	0.00135
366333.66	3766182.00	0.00134	366353.66	3766182.00	0.00132
366373.66	3766182.00	0.00130	366393.66	3766182.00	0.00128
366413.66	3766182.00	0.00127	366433.66	3766182.00	0.00125
366453.66	3766182.00	0.00123	366473.66	3766182.00	0.00121
366493.66	3766182.00	0.00120	364713.66	3766202.00	0.00448
364733.66	3766202.00	0.00556	364753.66	3766202.00	0.00715
364773.66	3766202.00	0.00967	364793.66	3766202.00	0.01405
364813.66	3766202.00	0.02295	364833.66	3766202.00	0.04792
364853.66	3766202.00	0.09015	364873.66	3766202.00	0.19137
364893.66	3766202.00	0.15186	364913.66	3766202.00	0.06073
364933.66	3766202.00	0.03201	364953.66	3766202.00	0.02002
364973.66	3766202.00	0.01392	364993.66	3766202.00	0.01040
365013.66	3766202.00	0.00822	365033.66	3766202.00	0.00681
365053.66	3766202.00	0.00590	365073.66	3766202.00	0.00527
365093.66	3766202.00	0.00478	365113.66	3766202.00	0.00437
365133.66	3766202.00	0.00398	365153.66	3766202.00	0.00358
365173.66	3766202.00	0.00323	365193.66	3766202.00	0.00296

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***MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365213.66	3766202.00	0.00276	365233.66	3766202.00	0.00260
365253.66	3766202.00	0.00246	365273.66	3766202.00	0.00234
365293.66	3766202.00	0.00223	365313.66	3766202.00	0.00212
365333.66	3766202.00	0.00203	365353.66	3766202.00	0.00194
365373.66	3766202.00	0.00186	365393.66	3766202.00	0.00179
365413.66	3766202.00	0.00173	365433.66	3766202.00	0.00168
365453.66	3766202.00	0.00164	365473.66	3766202.00	0.00161
365493.66	3766202.00	0.00159	365513.66	3766202.00	0.00157
365533.66	3766202.00	0.00156	365553.66	3766202.00	0.00156
365573.66	3766202.00	0.00157	365593.66	3766202.00	0.00158
365613.66	3766202.00	0.00161	365633.66	3766202.00	0.00164
365653.66	3766202.00	0.00167	365673.66	3766202.00	0.00170
365693.66	3766202.00	0.00173	365713.66	3766202.00	0.00176
365733.66	3766202.00	0.00178	365753.66	3766202.00	0.00179
365773.66	3766202.00	0.00181	365793.66	3766202.00	0.00182
365813.66	3766202.00	0.00182	365833.66	3766202.00	0.00183
365853.66	3766202.00	0.00183	365873.66	3766202.00	0.00183
365893.66	3766202.00	0.00183	365913.66	3766202.00	0.00182
365933.66	3766202.00	0.00181	365953.66	3766202.00	0.00180
365973.66	3766202.00	0.00178	365993.66	3766202.00	0.00176
366013.66	3766202.00	0.00174	366033.66	3766202.00	0.00172
366053.66	3766202.00	0.00169	366073.66	3766202.00	0.00167
366093.66	3766202.00	0.00164	366113.66	3766202.00	0.00162
366133.66	3766202.00	0.00160	366153.66	3766202.00	0.00158
366173.66	3766202.00	0.00156	366193.66	3766202.00	0.00154
366213.66	3766202.00	0.00152	366233.66	3766202.00	0.00149
366253.66	3766202.00	0.00147	366273.66	3766202.00	0.00145
366293.66	3766202.00	0.00143	366313.66	3766202.00	0.00141
366333.66	3766202.00	0.00140	366353.66	3766202.00	0.00138
366373.66	3766202.00	0.00136	366393.66	3766202.00	0.00134
366413.66	3766202.00	0.00132	366433.66	3766202.00	0.00130
366453.66	3766202.00	0.00129	366473.66	3766202.00	0.00127
366493.66	3766202.00	0.00125	364713.66	3766222.00	0.00483
364733.66	3766222.00	0.00607	364753.66	3766222.00	0.00793
364773.66	3766222.00	0.01095	364793.66	3766222.00	0.01634
364813.66	3766222.00	0.02762	364833.66	3766222.00	0.05427
364853.66	3766222.00	0.07771	364873.66	3766222.00	0.13639
364893.66	3766222.00	0.14445	364913.66	3766222.00	0.06781
364933.66	3766222.00	0.03734	364953.66	3766222.00	0.02329
364973.66	3766222.00	0.01598	364993.66	3766222.00	0.01181

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***MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365013.66	3766222.00	0.00929	365033.66	3766222.00	0.00776
365053.66	3766222.00	0.00689	365073.66	3766222.00	0.00627
365093.66	3766222.00	0.00568	365113.66	3766222.00	0.00528
365133.66	3766222.00	0.00466	365153.66	3766222.00	0.00402
365173.66	3766222.00	0.00359	365193.66	3766222.00	0.00330
365213.66	3766222.00	0.00308	365233.66	3766222.00	0.00289
365253.66	3766222.00	0.00273	365273.66	3766222.00	0.00258
365293.66	3766222.00	0.00245	365313.66	3766222.00	0.00233
365333.66	3766222.00	0.00221	365353.66	3766222.00	0.00211
365373.66	3766222.00	0.00201	365393.66	3766222.00	0.00192
365413.66	3766222.00	0.00185	365433.66	3766222.00	0.00180
365453.66	3766222.00	0.00176	365473.66	3766222.00	0.00172
365493.66	3766222.00	0.00170	365513.66	3766222.00	0.00168
365533.66	3766222.00	0.00167	365553.66	3766222.00	0.00167
365573.66	3766222.00	0.00168	365593.66	3766222.00	0.00170
365613.66	3766222.00	0.00173	365633.66	3766222.00	0.00177

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365653.66	3766222.00	0.00181	365673.66	3766222.00	0.00185
365693.66	3766222.00	0.00189	365713.66	3766222.00	0.00191
365733.66	3766222.00	0.00194	365753.66	3766222.00	0.00195
365773.66	3766222.00	0.00196	365793.66	3766222.00	0.00197
365813.66	3766222.00	0.00198	365833.66	3766222.00	0.00198
365853.66	3766222.00	0.00198	365873.66	3766222.00	0.00198
365893.66	3766222.00	0.00197	365913.66	3766222.00	0.00196
365933.66	3766222.00	0.00194	365953.66	3766222.00	0.00192
365973.66	3766222.00	0.00190	365993.66	3766222.00	0.00187
366013.66	3766222.00	0.00184	366033.66	3766222.00	0.00181
366053.66	3766222.00	0.00178	366073.66	3766222.00	0.00176
366093.66	3766222.00	0.00173	366113.66	3766222.00	0.00170
366133.66	3766222.00	0.00168	366153.66	3766222.00	0.00165
366173.66	3766222.00	0.00163	366193.66	3766222.00	0.00161
366213.66	3766222.00	0.00159	366233.66	3766222.00	0.00156
366253.66	3766222.00	0.00154	366273.66	3766222.00	0.00152
366293.66	3766222.00	0.00150	366313.66	3766222.00	0.00148
366333.66	3766222.00	0.00146	366353.66	3766222.00	0.00144
366373.66	3766222.00	0.00142	366393.66	3766222.00	0.00140
366413.66	3766222.00	0.00138	366433.66	3766222.00	0.00136
366453.66	3766222.00	0.00134	366473.66	3766222.00	0.00132
366493.66	3766222.00	0.00130	364713.66	3766242.00	0.00481
364733.66	3766242.00	0.00603	364753.66	3766242.00	0.00787
364773.66	3766242.00	0.01087	364793.66	3766242.00	0.01634

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***MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364813.66	3766242.00	0.02856	364833.66	3766242.00	0.04387
364853.66	3766242.00	0.08338	364873.66	3766242.00	0.13411
364893.66	3766242.00	0.10552	364913.66	3766242.00	0.06087
364933.66	3766242.00	0.03782	364953.66	3766242.00	0.02477
364973.66	3766242.00	0.01726	364993.66	3766242.00	0.01292
365013.66	3766242.00	0.01043	365033.66	3766242.00	0.00910
365053.66	3766242.00	0.00838	365073.66	3766242.00	0.00806
365093.66	3766242.00	0.00739	365113.66	3766242.00	0.00665
365133.66	3766242.00	0.00603	365153.66	3766242.00	0.00474
365173.66	3766242.00	0.00411	365193.66	3766242.00	0.00371
365213.66	3766242.00	0.00342	365233.66	3766242.00	0.00318
365253.66	3766242.00	0.00297	365273.66	3766242.00	0.00280
365293.66	3766242.00	0.00264	365313.66	3766242.00	0.00250
365333.66	3766242.00	0.00237	365353.66	3766242.00	0.00225
365373.66	3766242.00	0.00214	365393.66	3766242.00	0.00204
365413.66	3766242.00	0.00196	365433.66	3766242.00	0.00190
365453.66	3766242.00	0.00186	365473.66	3766242.00	0.00183
365493.66	3766242.00	0.00180	365513.66	3766242.00	0.00179
365533.66	3766242.00	0.00178	365553.66	3766242.00	0.00179
365573.66	3766242.00	0.00180	365593.66	3766242.00	0.00184
365613.66	3766242.00	0.00188	365633.66	3766242.00	0.00193
365653.66	3766242.00	0.00198	365673.66	3766242.00	0.00202
365693.66	3766242.00	0.00206	365713.66	3766242.00	0.00209
365733.66	3766242.00	0.00211	365753.66	3766242.00	0.00213
365773.66	3766242.00	0.00214	365793.66	3766242.00	0.00215
365813.66	3766242.00	0.00215	365833.66	3766242.00	0.00215
365853.66	3766242.00	0.00215	365873.66	3766242.00	0.00214
365893.66	3766242.00	0.00213	365913.66	3766242.00	0.00211
365933.66	3766242.00	0.00208	365953.66	3766242.00	0.00205
365973.66	3766242.00	0.00202	365993.66	3766242.00	0.00199
366013.66	3766242.00	0.00195	366033.66	3766242.00	0.00192
366053.66	3766242.00	0.00188	366073.66	3766242.00	0.00185
366093.66	3766242.00	0.00182	366113.66	3766242.00	0.00179
366133.66	3766242.00	0.00176	366153.66	3766242.00	0.00174
366173.66	3766242.00	0.00171	366193.66	3766242.00	0.00169
366213.66	3766242.00	0.00166	366233.66	3766242.00	0.00164
366253.66	3766242.00	0.00162	366273.66	3766242.00	0.00159
366293.66	3766242.00	0.00157	366313.66	3766242.00	0.00155
366333.66	3766242.00	0.00153	366353.66	3766242.00	0.00151
366373.66	3766242.00	0.00149	366393.66	3766242.00	0.00147

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***MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366413.66	3766242.00	0.00145	366433.66	3766242.00	0.00143
366453.66	3766242.00	0.00141	366473.66	3766242.00	0.00138
366493.66	3766242.00	0.00136	364713.66	3766262.00	0.00452
364733.66	3766262.00	0.00557	364753.66	3766262.00	0.00709
364773.66	3766262.00	0.00943	364793.66	3766262.00	0.01340
364813.66	3766262.00	0.02161	364833.66	3766262.00	0.03759
364853.66	3766262.00	0.07043	364873.66	3766262.00	0.09508
364893.66	3766262.00	0.06419	364913.66	3766262.00	0.04580
364933.66	3766262.00	0.03293	364953.66	3766262.00	0.02366
364973.66	3766262.00	0.01738	364993.66	3766262.00	0.01380
365013.66	3766262.00	0.01115	365033.66	3766262.00	0.01034
365053.66	3766262.00	0.01015	365073.66	3766262.00	0.01123
365093.66	3766262.00	0.00964	365113.66	3766262.00	0.01043
365133.66	3766262.00	0.00723	365153.66	3766262.00	0.00543
365173.66	3766262.00	0.00456	365193.66	3766262.00	0.00404
365213.66	3766262.00	0.00367	365233.66	3766262.00	0.00339
365253.66	3766262.00	0.00316	365273.66	3766262.00	0.00296
365293.66	3766262.00	0.00278	365313.66	3766262.00	0.00263
365333.66	3766262.00	0.00249	365353.66	3766262.00	0.00236
365373.66	3766262.00	0.00224	365393.66	3766262.00	0.00214
365413.66	3766262.00	0.00206	365433.66	3766262.00	0.00200
365453.66	3766262.00	0.00196	365473.66	3766262.00	0.00193

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365333.66	3766302.00	0.00270	365353.66	3766302.00	0.00257
365373.66	3766302.00	0.00245	365393.66	3766302.00	0.00234
365413.66	3766302.00	0.00225	365433.66	3766302.00	0.00219
365453.66	3766302.00	0.00218	365473.66	3766302.00	0.00218
365493.66	3766302.00	0.00219	365513.66	3766302.00	0.00221
365533.66	3766302.00	0.00223	365553.66	3766302.00	0.00228
365573.66	3766302.00	0.00234	365593.66	3766302.00	0.00243
365613.66	3766302.00	0.00252	365633.66	3766302.00	0.00261
365653.66	3766302.00	0.00268	365673.66	3766302.00	0.00274
365693.66	3766302.00	0.00279	365713.66	3766302.00	0.00282
365733.66	3766302.00	0.00284	365753.66	3766302.00	0.00286
365773.66	3766302.00	0.00287	365793.66	3766302.00	0.00287

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365813.66	3766302.00	0.00286	365833.66	3766302.00	0.00284
365853.66	3766302.00	0.00281	365873.66	3766302.00	0.00277
365893.66	3766302.00	0.00272	365913.66	3766302.00	0.00266
365933.66	3766302.00	0.00260	365953.66	3766302.00	0.00253
365973.66	3766302.00	0.00246	365993.66	3766302.00	0.00240
366013.66	3766302.00	0.00234	366033.66	3766302.00	0.00229
366053.66	3766302.00	0.00224	366073.66	3766302.00	0.00220
366093.66	3766302.00	0.00216	366113.66	3766302.00	0.00212
366133.66	3766302.00	0.00208	366153.66	3766302.00	0.00205
366173.66	3766302.00	0.00201	366193.66	3766302.00	0.00198
366213.66	3766302.00	0.00195	366233.66	3766302.00	0.00192
366253.66	3766302.00	0.00190	366273.66	3766302.00	0.00187
366293.66	3766302.00	0.00185	366313.66	3766302.00	0.00183
366333.66	3766302.00	0.00181	366353.66	3766302.00	0.00178
366373.66	3766302.00	0.00176	366393.66	3766302.00	0.00173
366413.66	3766302.00	0.00171	366433.66	3766302.00	0.00168
366453.66	3766302.00	0.00165	366473.66	3766302.00	0.00161
366493.66	3766302.00	0.00158	364713.66	3766322.00	0.00322
364733.66	3766322.00	0.00363	364753.66	3766322.00	0.00412
364773.66	3766322.00	0.00472	364793.66	3766322.00	0.00545
364813.66	3766322.00	0.00652	364833.66	3766322.00	0.00841
364853.66	3766322.00	0.01082	364873.66	3766322.00	0.01261
364893.66	3766322.00	0.01374	364913.66	3766322.00	0.01430
364933.66	3766322.00	0.01424	364953.66	3766322.00	0.01348
364973.66	3766322.00	0.01219	364993.66	3766322.00	0.01079
365013.66	3766322.00	0.00979	365033.66	3766322.00	0.00986
365053.66	3766322.00	0.01083	365073.66	3766322.00	0.01091
365093.66	3766322.00	0.00991	365113.66	3766322.00	0.00859
365133.66	3766322.00	0.00735	365153.66	3766322.00	0.00633
365173.66	3766322.00	0.00551	365193.66	3766322.00	0.00485
365213.66	3766322.00	0.00434	365233.66	3766322.00	0.00394
365253.66	3766322.00	0.00362	365273.66	3766322.00	0.00336
365293.66	3766322.00	0.00315	365313.66	3766322.00	0.00298
365333.66	3766322.00	0.00282	365353.66	3766322.00	0.00269
365373.66	3766322.00	0.00257	365393.66	3766322.00	0.00246
365413.66	3766322.00	0.00236	365433.66	3766322.00	0.00231
365453.66	3766322.00	0.00232	365473.66	3766322.00	0.00234
365493.66	3766322.00	0.00238	365513.66	3766322.00	0.00243
365533.66	3766322.00	0.00248	365553.66	3766322.00	0.00255
365573.66	3766322.00	0.00265	365593.66	3766322.00	0.00276

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365613.66	3766322.00	0.00286	365633.66	3766322.00	0.00294
365653.66	3766322.00	0.00302	365673.66	3766322.00	0.00308
365693.66	3766322.00	0.00314	365713.66	3766322.00	0.00317
365733.66	3766322.00	0.00320	365753.66	3766322.00	0.00321
365773.66	3766322.00	0.00321	365793.66	3766322.00	0.00320
365813.66	3766322.00	0.00318	365833.66	3766322.00	0.00315
365853.66	3766322.00	0.00310	365873.66	3766322.00	0.00305
365893.66	3766322.00	0.00298	365913.66	3766322.00	0.00290
365933.66	3766322.00	0.00281	365953.66	3766322.00	0.00273
365973.66	3766322.00	0.00265	365993.66	3766322.00	0.00257
366013.66	3766322.00	0.00251	366033.66	3766322.00	0.00245
366053.66	3766322.00	0.00239	366073.66	3766322.00	0.00235
366093.66	3766322.00	0.00230	366113.66	3766322.00	0.00226
366133.66	3766322.00	0.00222	366153.66	3766322.00	0.00218
366173.66	3766322.00	0.00214	366193.66	3766322.00	0.00211
366213.66	3766322.00	0.00208	366233.66	3766322.00	0.00205
366253.66	3766322.00	0.00202	366273.66	3766322.00	0.00200
366293.66	3766322.00	0.00198	366313.66	3766322.00	0.00195
366333.66	3766322.00	0.00193	366353.66	3766322.00	0.00190
366373.66	3766322.00	0.00187	366393.66	3766322.00	0.00184
366413.66	3766322.00	0.00181	366433.66	3766322.00	0.00178
366453.66	3766322.00	0.00175	366473.66	3766322.00	0.00171
366493.66	3766322.00	0.00167	364713.66	3766342.00	0.00283
364733.66	3766342.00	0.00313	364753.66	3766342.00	0.00348
364773.66	3766342.00	0.00389	364793.66	3766342.00	0.00439
364813.66	3766342.00	0.00517	364833.66	3766342.00	0.00644
364853.66	3766342.00	0.00786	364873.66	3766342.00	0.00885
364893.66	3766342.00	0.00950	364913.66	3766342.00	0.01006
364933.66	3766342.00	0.01047	364953.66	3766342.00	0.01051
364973.66	3766342.00	0.01013	364993.66	3766342.00	0.00952
365013.66	3766342.00	0.00899	365033.66	3766342.00	0.00894
365053.66	3766342.00	0.00943	365073.66	3766342.00	0.00976
365093.66	3766342.00	0.00934	365113.66	3766342.00	0.00844
365133.66	3766342.00	0.00744	365153.66	3766342.00	0.00653

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365173.66 3766342.00 0.00575 365193.66 3766342.00 0.00510
365213.66 3766342.00 0.00458 365233.66 3766342.00 0.00415
365253.66 3766342.00 0.00381 365273.66 3766342.00 0.00354
365293.66 3766342.00 0.00331 365313.66 3766342.00 0.00313
365333.66 3766342.00 0.00297 365353.66 3766342.00 0.00284
365373.66 3766342.00 0.00273 365393.66 3766342.00 0.00262
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365413.66	3766342.00	0.00252	365433.66	3766342.00	0.00247
365453.66	3766342.00	0.00249	365473.66	3766342.00	0.00256
365493.66	3766342.00	0.00264	365513.66	3766342.00	0.00273
365533.66	3766342.00	0.00282	365553.66	3766342.00	0.00294
365573.66	3766342.00	0.00307	365593.66	3766342.00	0.00318
365613.66	3766342.00	0.00328	365633.66	3766342.00	0.00337
365653.66	3766342.00	0.00345	365673.66	3766342.00	0.00352
365693.66	3766342.00	0.00357	365713.66	3766342.00	0.00362
365733.66	3766342.00	0.00365	365753.66	3766342.00	0.00365
365773.66	3766342.00	0.00364	365793.66	3766342.00	0.00361
365813.66	3766342.00	0.00357	365833.66	3766342.00	0.00351
365853.66	3766342.00	0.00344	365873.66	3766342.00	0.00336
365893.66	3766342.00	0.00327	365913.66	3766342.00	0.00316
365933.66	3766342.00	0.00306	365953.66	3766342.00	0.00295
365973.66	3766342.00	0.00286	365993.66	3766342.00	0.00277
366013.66	3766342.00	0.00270	366033.66	3766342.00	0.00263
366053.66	3766342.00	0.00258	366073.66	3766342.00	0.00252
366093.66	3766342.00	0.00247	366113.66	3766342.00	0.00242
366133.66	3766342.00	0.00237	366153.66	3766342.00	0.00233
366173.66	3766342.00	0.00229	366193.66	3766342.00	0.00226
366213.66	3766342.00	0.00223	366233.66	3766342.00	0.00220
366253.66	3766342.00	0.00217	366273.66	3766342.00	0.00215
366293.66	3766342.00	0.00212	366313.66	3766342.00	0.00209
366333.66	3766342.00	0.00206	366353.66	3766342.00	0.00203
366373.66	3766342.00	0.00200	366393.66	3766342.00	0.00197
366413.66	3766342.00	0.00193	366433.66	3766342.00	0.00190
366453.66	3766342.00	0.00186	366473.66	3766342.00	0.00182
366493.66	3766342.00	0.00177	364713.66	3766362.00	0.00251
364733.66	3766362.00	0.00274	364753.66	3766362.00	0.00301
364773.66	3766362.00	0.00331	364793.66	3766362.00	0.00369
364813.66	3766362.00	0.00431	364833.66	3766362.00	0.00521
364853.66	3766362.00	0.00612	364873.66	3766362.00	0.00672
364893.66	3766362.00	0.00709	364913.66	3766362.00	0.00747
364933.66	3766362.00	0.00789	364953.66	3766362.00	0.00820
364973.66	3766362.00	0.00830	364993.66	3766362.00	0.00820
365013.66	3766362.00	0.00801	365033.66	3766362.00	0.00798
365053.66	3766362.00	0.00820	365073.66	3766362.00	0.00849
365093.66	3766362.00	0.00846	365113.66	3766362.00	0.00798
365133.66	3766362.00	0.00729	365153.66	3766362.00	0.00657
365173.66	3766362.00	0.00590	365193.66	3766362.00	0.00531

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365213.66	3766362.00	0.00480	365233.66	3766362.00	0.00438
365253.66	3766362.00	0.00403	365273.66	3766362.00	0.00375
365293.66	3766362.00	0.00352	365313.66	3766362.00	0.00333
365333.66	3766362.00	0.00317	365353.66	3766362.00	0.00304
365373.66	3766362.00	0.00293	365393.66	3766362.00	0.00283
365413.66	3766362.00	0.00273	365433.66	3766362.00	0.00268
365453.66	3766362.00	0.00274	365473.66	3766362.00	0.00287
365493.66	3766362.00	0.00301	365513.66	3766362.00	0.00317
365533.66	3766362.00	0.00334	365553.66	3766362.00	0.00351
365573.66	3766362.00	0.00364	365593.66	3766362.00	0.00375
365613.66	3766362.00	0.00384	365633.66	3766362.00	0.00392
365653.66	3766362.00	0.00400	365673.66	3766362.00	0.00408
365693.66	3766362.00	0.00414	365713.66	3766362.00	0.00420
365733.66	3766362.00	0.00422	365753.66	3766362.00	0.00422
365773.66	3766362.00	0.00418	365793.66	3766362.00	0.00412
365813.66	3766362.00	0.00404	365833.66	3766362.00	0.00395
365853.66	3766362.00	0.00385	365873.66	3766362.00	0.00374
365893.66	3766362.00	0.00361	365913.66	3766362.00	0.00348
365933.66	3766362.00	0.00334	365953.66	3766362.00	0.00322
365973.66	3766362.00	0.00311	365993.66	3766362.00	0.00301
366013.66	3766362.00	0.00293	366033.66	3766362.00	0.00286
366053.66	3766362.00	0.00279	366073.66	3766362.00	0.00273
366093.66	3766362.00	0.00267	366113.66	3766362.00	0.00261
366133.66	3766362.00	0.00256	366153.66	3766362.00	0.00251
366173.66	3766362.00	0.00247	366193.66	3766362.00	0.00243
366213.66	3766362.00	0.00240	366233.66	3766362.00	0.00238
366253.66	3766362.00	0.00235	366273.66	3766362.00	0.00232
366293.66	3766362.00	0.00229	366313.66	3766362.00	0.00226
366333.66	3766362.00	0.00222	366353.66	3766362.00	0.00219
366373.66	3766362.00	0.00215	366393.66	3766362.00	0.00211
366413.66	3766362.00	0.00207	366433.66	3766362.00	0.00203
366453.66	3766362.00	0.00198	366473.66	3766362.00	0.00193
366493.66	3766362.00	0.00188	364713.66	3766382.00	0.00225
364733.66	3766382.00	0.00245	364753.66	3766382.00	0.00265
364773.66	3766382.00	0.00288	364793.66	3766382.00	0.00320
364813.66	3766382.00	0.00370	364833.66	3766382.00	0.00436
364853.66	3766382.00	0.00497	364873.66	3766382.00	0.00538
364893.66	3766382.00	0.00561	364913.66	3766382.00	0.00585
364933.66	3766382.00	0.00617	364953.66	3766382.00	0.00651
364973.66	3766382.00	0.00680	364993.66	3766382.00	0.00697

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365013.66	3766382.00	0.00702	365033.66	3766382.00	0.00706
365053.66	3766382.00	0.00718	365073.66	3766382.00	0.00739
365093.66	3766382.00	0.00750	365113.66	3766382.00	0.00734
365133.66	3766382.00	0.00694	365153.66	3766382.00	0.00644
365173.66	3766382.00	0.00592	365193.66	3766382.00	0.00543
365213.66	3766382.00	0.00498	365233.66	3766382.00	0.00459
365253.66	3766382.00	0.00426	365273.66	3766382.00	0.00398
365293.66	3766382.00	0.00376	365313.66	3766382.00	0.00358
365333.66	3766382.00	0.00343	365353.66	3766382.00	0.00331
365373.66	3766382.00	0.00321	365393.66	3766382.00	0.00313
365413.66	3766382.00	0.00305	365433.66	3766382.00	0.00299
365453.66	3766382.00	0.00310	365473.66	3766382.00	0.00335
365493.66	3766382.00	0.00361	365513.66	3766382.00	0.00390
365533.66	3766382.00	0.00418	365553.66	3766382.00	0.00436
365573.66	3766382.00	0.00445	365593.66	3766382.00	0.00451
365613.66	3766382.00	0.00459	365633.66	3766382.00	0.00467
365653.66	3766382.00	0.00475	365673.66	3766382.00	0.00483
365693.66	3766382.00	0.00492	365713.66	3766382.00	0.00497
365733.66	3766382.00	0.00499	365753.66	3766382.00	0.00495
365773.66	3766382.00	0.00486	365793.66	3766382.00	0.00475
365813.66	3766382.00	0.00462	365833.66	3766382.00	0.00449
365853.66	3766382.00	0.00434	365873.66	3766382.00	0.00418
365893.66	3766382.00	0.00402	365913.66	3766382.00	0.00385
365933.66	3766382.00	0.00369	365953.66	3766382.00	0.00354
365973.66	3766382.00	0.00342	365993.66	3766382.00	0.00331
366013.66	3766382.00	0.00321	366033.66	3766382.00	0.00313
366053.66	3766382.00	0.00305	366073.66	3766382.00	0.00297
366093.66	3766382.00	0.00290	366113.66	3766382.00	0.00283
366133.66	3766382.00	0.00277	366153.66	3766382.00	0.00272
366173.66	3766382.00	0.00268	366193.66	3766382.00	0.00265
366213.66	3766382.00	0.00262	366233.66	3766382.00	0.00259
366253.66	3766382.00	0.00255	366273.66	3766382.00	0.00252
366293.66	3766382.00	0.00248	366313.66	3766382.00	0.00244
366333.66	3766382.00	0.00240	366353.66	3766382.00	0.00236
366373.66	3766382.00	0.00232	366393.66	3766382.00	0.00227
366413.66	3766382.00	0.00222	366433.66	3766382.00	0.00217
366453.66	3766382.00	0.00212	366473.66	3766382.00	0.00206
366493.66	3766382.00	0.00201	364713.66	3766402.00	0.00206
364733.66	3766402.00	0.00221	364753.66	3766402.00	0.00237
364773.66	3766402.00	0.00257	364793.66	3766402.00	0.00284

**MODELOPTS: CONC

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364813.66	3766402.00	0.00324	364833.66	3766402.00	0.00373
364853.66	3766402.00	0.00417	364873.66	3766402.00	0.00446
364893.66	3766402.00	0.00463	364913.66	3766402.00	0.00478
364933.66	3766402.00	0.00500	364953.66	3766402.00	0.00530
364973.66	3766402.00	0.00564	364993.66	3766402.00	0.00592
365013.66	3766402.00	0.00610	365033.66	3766402.00	0.00622
365053.66	3766402.00	0.00633	365073.66	3766402.00	0.00648
365093.66	3766402.00	0.00662	365113.66	3766402.00	0.00665
365133.66	3766402.00	0.00648	365153.66	3766402.00	0.00617
365173.66	3766402.00	0.00581	365193.66	3766402.00	0.00544
365213.66	3766402.00	0.00509	365233.66	3766402.00	0.00476
365253.66	3766402.00	0.00447	365273.66	3766402.00	0.00423
365293.66	3766402.00	0.00403	365313.66	3766402.00	0.00388
365333.66	3766402.00	0.00377	365353.66	3766402.00	0.00368
365373.66	3766402.00	0.00362	365393.66	3766402.00	0.00358
365413.66	3766402.00	0.00354	365433.66	3766402.00	0.00349
365453.66	3766402.00	0.00367	365473.66	3766402.00	0.00418
365493.66	3766402.00	0.00471	365513.66	3766402.00	0.00524
365533.66	3766402.00	0.00556	365553.66	3766402.00	0.00563
365573.66	3766402.00	0.00561	365593.66	3766402.00	0.00562
365613.66	3766402.00	0.00567	365633.66	3766402.00	0.00574
365653.66	3766402.00	0.00583	365673.66	3766402.00	0.00592
365693.66	3766402.00	0.00601	365713.66	3766402.00	0.00606
365733.66	3766402.00	0.00602	365753.66	3766402.00	0.00592
365773.66	3766402.00	0.00576	365793.66	3766402.00	0.00557
365813.66	3766402.00	0.00537	365833.66	3766402.00	0.00516
365853.66	3766402.00	0.00494	365873.66	3766402.00	0.00473
365893.66	3766402.00	0.00452	365913.66	3766402.00	0.00431
365933.66	3766402.00	0.00411	365953.66	3766402.00	0.00394
365973.66	3766402.00	0.00380	365993.66	3766402.00	0.00367
366013.66	3766402.00	0.00356	366033.66	3766402.00	0.00346
366053.66	3766402.00	0.00336	366073.66	3766402.00	0.00327
366093.66	3766402.00	0.00318	366113.66	3766402.00	0.00310
366133.66	3766402.00	0.00304	366153.66	3766402.00	0.00298
366173.66	3766402.00	0.00294	366193.66	3766402.00	0.00290
366213.66	3766402.00	0.00287	366233.66	3766402.00	0.00284
366253.66	3766402.00	0.00280	366273.66	3766402.00	0.00276
366293.66	3766402.00	0.00271	366313.66	3766402.00	0.00266
366333.66	3766402.00	0.00261	366353.66	3766402.00	0.00256
366373.66	3766402.00	0.00250	366393.66	3766402.00	0.00245

**MODELOPTS: CONC

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
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Coop.POU.txt
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366413.66	3766402.00	0.00239	366433.66	3766402.00	0.00233
366453.66	3766402.00	0.00227	366473.66	3766402.00	0.00221
366493.66	3766402.00	0.00214	364713.66	3766422.00	0.00190
364733.66	3766422.00	0.00202	364753.66	3766422.00	0.00215
364773.66	3766422.00	0.00232	364793.66	3766422.00	0.00256
364813.66	3766422.00	0.00288	364833.66	3766422.00	0.00325
364853.66	3766422.00	0.00358	364873.66	3766422.00	0.00381
364893.66	3766422.00	0.00395	364913.66	3766422.00	0.00405
364933.66	3766422.00	0.00420	364953.66	3766422.00	0.00444
364973.66	3766422.00	0.00476	364993.66	3766422.00	0.00507
365013.66	3766422.00	0.00531	365033.66	3766422.00	0.00549
365053.66	3766422.00	0.00562	365073.66	3766422.00	0.00574
365093.66	3766422.00	0.00588	365113.66	3766422.00	0.00598
365133.66	3766422.00	0.00597	365153.66	3766422.00	0.00583
365173.66	3766422.00	0.00562	365193.66	3766422.00	0.00537
365213.66	3766422.00	0.00511	365233.66	3766422.00	0.00487
365253.66	3766422.00	0.00465	365273.66	3766422.00	0.00447
365293.66	3766422.00	0.00432	365313.66	3766422.00	0.00423
365333.66	3766422.00	0.00418	365353.66	3766422.00	0.00418
365373.66	3766422.00	0.00422	365393.66	3766422.00	0.00429
365413.66	3766422.00	0.00438	365433.66	3766422.00	0.00443
365453.66	3766422.00	0.00473	365473.66	3766422.00	0.00596
365493.66	3766422.00	0.00719	365513.66	3766422.00	0.00784
365533.66	3766422.00	0.00785	365553.66	3766422.00	0.00767
365573.66	3766422.00	0.00748	365593.66	3766422.00	0.00736
365613.66	3766422.00	0.00735	365633.66	3766422.00	0.00742
365653.66	3766422.00	0.00751	365673.66	3766422.00	0.00761
365693.66	3766422.00	0.00765	365713.66	3766422.00	0.00762
365733.66	3766422.00	0.00748	365753.66	3766422.00	0.00726
365773.66	3766422.00	0.00697	365793.66	3766422.00	0.00666
365813.66	3766422.00	0.00634	365833.66	3766422.00	0.00601
365853.66	3766422.00	0.00570	365873.66	3766422.00	0.00541
365893.66	3766422.00	0.00514	365913.66	3766422.00	0.00489
365933.66	3766422.00	0.00466	365953.66	3766422.00	0.00446
365973.66	3766422.00	0.00428	365993.66	3766422.00	0.00413
366013.66	3766422.00	0.00399	366033.66	3766422.00	0.00386
366053.66	3766422.00	0.00374	366073.66	3766422.00	0.00362
366093.66	3766422.00	0.00352	366113.66	3766422.00	0.00343
366133.66	3766422.00	0.00336	366153.66	3766422.00	0.00330
366173.66	3766422.00	0.00326	366193.66	3766422.00	0.00321

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366213.66	3766422.00	0.00317	366233.66	3766422.00	0.00313
366253.66	3766422.00	0.00308	366273.66	3766422.00	0.00303
366293.66	3766422.00	0.00297	366313.66	3766422.00	0.00291
366333.66	3766422.00	0.00284	366353.66	3766422.00	0.00278
366373.66	3766422.00	0.00271	366393.66	3766422.00	0.00265
366413.66	3766422.00	0.00258	366433.66	3766422.00	0.00251
366453.66	3766422.00	0.00244	366473.66	3766422.00	0.00236
366493.66	3766422.00	0.00229	364713.66	3766442.00	0.00176
364733.66	3766442.00	0.00185	364753.66	3766442.00	0.00196
364773.66	3766442.00	0.00211	364793.66	3766442.00	0.00232
364813.66	3766442.00	0.00259	364833.66	3766442.00	0.00289
364853.66	3766442.00	0.00315	364873.66	3766442.00	0.00333
364893.66	3766442.00	0.00344	364913.66	3766442.00	0.00351
364933.66	3766442.00	0.00363	364953.66	3766442.00	0.00382
364973.66	3766442.00	0.00409	364993.66	3766442.00	0.00439
365013.66	3766442.00	0.00465	365033.66	3766442.00	0.00485
365053.66	3766442.00	0.00500	365073.66	3766442.00	0.00513
365093.66	3766442.00	0.00526	365113.66	3766442.00	0.00538
365133.66	3766442.00	0.00546	365153.66	3766442.00	0.00545
365173.66	3766442.00	0.00536	365193.66	3766442.00	0.00522
365213.66	3766442.00	0.00506	365233.66	3766442.00	0.00491
365253.66	3766442.00	0.00477	365273.66	3766442.00	0.00466
365293.66	3766442.00	0.00460	365313.66	3766442.00	0.00458
365333.66	3766442.00	0.00464	365353.66	3766442.00	0.00478
365373.66	3766442.00	0.00504	365393.66	3766442.00	0.00545
365413.66	3766442.00	0.00603	365433.66	3766442.00	0.00673
365453.66	3766442.00	0.00758	365473.66	3766442.00	0.01210
365493.66	3766442.00	0.01403	365513.66	3766442.00	0.01327
365533.66	3766442.00	0.01241	365553.66	3766442.00	0.01167
365573.66	3766442.00	0.01099	365593.66	3766442.00	0.01050
365613.66	3766442.00	0.01032	365633.66	3766442.00	0.01033
365653.66	3766442.00	0.01038	365673.66	3766442.00	0.01035
365693.66	3766442.00	0.01020	365713.66	3766442.00	0.00995
365733.66	3766442.00	0.00960	365753.66	3766442.00	0.00916
365773.66	3766442.00	0.00866	365793.66	3766442.00	0.00815
365813.66	3766442.00	0.00763	365833.66	3766442.00	0.00713
365853.66	3766442.00	0.00668	365873.66	3766442.00	0.00630
365893.66	3766442.00	0.00597	365913.66	3766442.00	0.00566
365933.66	3766442.00	0.00538	365953.66	3766442.00	0.00513
365973.66	3766442.00	0.00491	365993.66	3766442.00	0.00471

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Coop.POU.txt
** CONC OF CO IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366013.66	3766442.00	0.00453	366033.66	3766442.00	0.00435
366053.66	3766442.00	0.00419	366073.66	3766442.00	0.00405
366093.66	3766442.00	0.00394	366113.66	3766442.00	0.00384
366133.66	3766442.00	0.00376	366153.66	3766442.00	0.00370
366173.66	3766442.00	0.00364	366193.66	3766442.00	0.00359
366213.66	3766442.00	0.00353	366233.66	3766442.00	0.00348
366253.66	3766442.00	0.00341	366273.66	3766442.00	0.00335
366293.66	3766442.00	0.00327	366313.66	3766442.00	0.00319
366333.66	3766442.00	0.00311	366353.66	3766442.00	0.00303
366373.66	3766442.00	0.00295	366393.66	3766442.00	0.00287
366413.66	3766442.00	0.00279	366433.66	3766442.00	0.00271
366453.66	3766442.00	0.00262	366473.66	3766442.00	0.00253
366493.66	3766442.00	0.00244	366513.66	3766442.00	0.00163
366533.66	3766442.00	0.00171	366553.66	3766442.00	0.00181
366573.66	3766442.00	0.00194	366593.66	3766442.00	0.00213
366613.66	3766442.00	0.00236	366633.66	3766442.00	0.00260
366653.66	3766442.00	0.00281	366673.66	3766442.00	0.00296
366693.66	3766442.00	0.00305	366713.66	3766442.00	0.00311
366733.66	3766442.00	0.00321	366753.66	3766442.00	0.00336
366773.66	3766442.00	0.00359	366793.66	3766442.00	0.00385
366813.66	3766442.00	0.00410	366833.66	3766442.00	0.00431
366853.66	3766442.00	0.00448	366873.66	3766442.00	0.00461
366893.66	3766442.00	0.00474	366913.66	3766442.00	0.00487
366933.66	3766442.00	0.00499	366953.66	3766442.00	0.00506
366973.66	3766442.00	0.00506	366993.66	3766442.00	0.00502
367013.66	3766442.00	0.00494	367033.66	3766442.00	0.00487
367053.66	3766442.00	0.00481	367073.66	3766442.00	0.00478
367093.66	3766442.00	0.00479	367113.66	3766442.00	0.00487
367133.66	3766442.00	0.00504	367153.66	3766442.00	0.00535
367173.66	3766442.00	0.00589	367193.66	3766442.00	0.00683
367213.66	3766442.00	0.00865	367233.66	3766442.00	0.01301
367253.66	3766442.00	0.01331	367273.66	3766442.00	0.01082
367293.66	3766442.00	0.03155	367293.66	3766442.00	0.02972
367333.66	3766442.00	0.02547	367313.66	3766442.00	0.02170
367373.66	3766442.00	0.01898	367353.66	3766442.00	0.01711
367413.66	3766442.00	0.01630	367393.66	3766442.00	0.01606
367453.66	3766442.00	0.01573	367433.66	3766442.00	0.01514
367493.66	3766442.00	0.01442	367473.66	3766442.00	0.01367
367533.66	3766442.00	0.01290	367513.66	3766442.00	0.01205
367573.66	3766442.00	0.01116	367593.66	3766442.00	0.01027

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365813.66	3766462.00	0.00942	365833.66	3766462.00	0.00864
365853.66	3766462.00	0.00800	365873.66	3766462.00	0.00750
365893.66	3766462.00	0.00709	365913.66	3766462.00	0.00671
365933.66	3766462.00	0.00636	365953.66	3766462.00	0.00603
365973.66	3766462.00	0.00572	365993.66	3766462.00	0.00545
366013.66	3766462.00	0.00519	366033.66	3766462.00	0.00495
366053.66	3766462.00	0.00475	366073.66	3766462.00	0.00459
366093.66	3766462.00	0.00446	366113.66	3766462.00	0.00435
366133.66	3766462.00	0.00426	366153.66	3766462.00	0.00418
366173.66	3766462.00	0.00410	366193.66	3766462.00	0.00403
366213.66	3766462.00	0.00396	366233.66	3766462.00	0.00388
366253.66	3766462.00	0.00380	366273.66	3766462.00	0.00371
366293.66	3766462.00	0.00362	366313.66	3766462.00	0.00352
366333.66	3766462.00	0.00342	366353.66	3766462.00	0.00332
366373.66	3766462.00	0.00323	366393.66	3766462.00	0.00313
366413.66	3766462.00	0.00303	366433.66	3766462.00	0.00293
366453.66	3766462.00	0.00283	366473.66	3766462.00	0.00272
366493.66	3766462.00	0.00261	366513.66	3766462.00	0.00151
366533.66	3766462.00	0.00158	366553.66	3766462.00	0.00168
366573.66	3766462.00	0.00181	366593.66	3766462.00	0.00197
366613.66	3766462.00	0.00217	366633.66	3766462.00	0.00237
366653.66	3766462.00	0.00254	366673.66	3766462.00	0.00266
366693.66	3766462.00	0.00274	366693.66	3766462.00	0.00280
366733.66	3766462.00	0.00289	366713.66	3766462.00	0.00301
366773.66	3766462.00	0.00320	366753.66	3766462.00	0.00342
366813.66	3766462.00	0.00364	366793.66	3766462.00	0.00385
366853.66	3766462.00	0.00403	366833.66	3766462.00	0.00417
366893.66	3766462.00	0.00430	366873.66	3766462.00	0.00443
366933.66	3766462.00	0.00456	366913.66	3766462.00	0.00467
366973.66	3766462.00	0.00475	366953.66	3766462.00	0.00477
367013.66	3766462.00	0.00477	366993.66	3766462.00	0.00476
367053.66	3766462.00	0.00476	367033.66	3766462.00	0.00479
367093.66	3766462.00	0.00487	367073.66	3766462.00	0.00501
367133.66	3766462.00	0.00526	367113.66	3766462.00	0.00567
367173.66	3766462.00	0.00634	367153.66	3766462.00	0.00750
367213.66	3766462.00	0.00973	367233.66	3766462.00	0.01493
367253.66	3766462.00	0.03202	367273.66	3766462.00	0.04455
367293.66	3766462.00	0.05190	367293.66	3766462.00	0.04378
367333.66	3766462.00	0.03812	367313.66	3766462.00	0.03172
367373.66	3766462.00	0.03798	367353.66	3766462.00	0.03487

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365613.66	3766482.00	0.03212	365633.66	3766482.00	0.03017
365653.66	3766482.00	0.02749	365673.66	3766482.00	0.02481

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Coop.POU.txt
365693.66 3766482.00 0.02242 365713.66 3766482.00 0.02040
365733.66 3766482.00 0.01861 365753.66 3766482.00 0.01686
365773.66 3766482.00 0.01511 365793.66 3766482.00 0.01347
365813.66 3766482.00 0.01201 365833.66 3766482.00 0.01083
365853.66 3766482.00 0.00992 365873.66 3766482.00 0.00923
365893.66 3766482.00 0.00870 365913.66 3766482.00 0.00819
365933.66 3766482.00 0.00771 365953.66 3766482.00 0.00723
365973.66 3766482.00 0.00679 365993.66 3766482.00 0.00638
366013.66 3766482.00 0.00600 366033.66 3766482.00 0.00570
366053.66 3766482.00 0.00546 366073.66 3766482.00 0.00526
366093.66 3766482.00 0.00511 366113.66 3766482.00 0.00498
366133.66 3766482.00 0.00487 366153.66 3766482.00 0.00477
366173.66 3766482.00 0.00467 366193.66 3766482.00 0.00457
366213.66 3766482.00 0.00447 366233.66 3766482.00 0.00437
366253.66 3766482.00 0.00426 366273.66 3766482.00 0.00415
366293.66 3766482.00 0.00403 366313.66 3766482.00 0.00391
366333.66 3766482.00 0.00378 366353.66 3766482.00 0.00366
366373.66 3766482.00 0.00354 366393.66 3766482.00 0.00342
366413.66 3766482.00 0.00330 366433.66 3766482.00 0.00318
366453.66 3766482.00 0.00305 366473.66 3766482.00 0.00293
366493.66 3766482.00 0.00280 364713.66 3766502.00 0.00141
364733.66 3766502.00 0.00148 364753.66 3766502.00 0.00157
364773.66 3766502.00 0.00169 364793.66 3766502.00 0.00184
364813.66 3766502.00 0.00201 364833.66 3766502.00 0.00217
364853.66 3766502.00 0.00231 364873.66 3766502.00 0.00241
364893.66 3766502.00 0.00249 364913.66 3766502.00 0.00256
364933.66 3766502.00 0.00263 364953.66 3766502.00 0.00274
364973.66 3766502.00 0.00289 364993.66 3766502.00 0.00307
365013.66 3766502.00 0.00327 365033.66 3766502.00 0.00346
365053.66 3766502.00 0.00364 365073.66 3766502.00 0.00379
365093.66 3766502.00 0.00392 365113.66 3766502.00 0.00404
365133.66 3766502.00 0.00418 365153.66 3766502.00 0.00431
365173.66 3766502.00 0.00442 365193.66 3766502.00 0.00451
365213.66 3766502.00 0.00456 365233.66 3766502.00 0.00460
365253.66 3766502.00 0.00465 365273.66 3766502.00 0.00473
365293.66 3766502.00 0.00484 365313.66 3766502.00 0.00502
365333.66 3766502.00 0.00529 365353.66 3766502.00 0.00570
365373.66 3766502.00 0.00633 365393.66 3766502.00 0.00733
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF CO IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365413.66 3766502.00 0.00897 365433.66 3766502.00 0.01180
365453.66 3766502.00 0.01748 365473.66 3766502.00 0.03008
365493.66 3766502.00 0.04740 365513.66 3766502.00 0.05698
365533.66 3766502.00 0.04285 365553.66 3766502.00 0.04518
365573.66 3766502.00 0.03888 365593.66 3766502.00 0.05027
365613.66 3766502.00 0.04428 365633.66 3766502.00 0.04760
365653.66 3766502.00 0.05920 365673.66 3766502.00 0.05115
365693.66 3766502.00 0.04217 365713.66 3766502.00 0.03547
365733.66 3766502.00 0.03039 365753.66 3766502.00 0.02605
365773.66 3766502.00 0.02202 365793.66 3766502.00 0.01864
365813.66 3766502.00 0.01610 365833.66 3766502.00 0.01425
365853.66 3766502.00 0.01286 365873.66 3766502.00 0.01182
365893.66 3766502.00 0.01109 365913.66 3766502.00 0.01036
365933.66 3766502.00 0.00960 365953.66 3766502.00 0.00887
365973.66 3766502.00 0.00818 365993.66 3766502.00 0.00753
366013.66 3766502.00 0.00703 366033.66 3766502.00 0.00665
366053.66 3766502.00 0.00637 366073.66 3766502.00 0.00614
366093.66 3766502.00 0.00596 366113.66 3766502.00 0.00580
366133.66 3766502.00 0.00567 366153.66 3766502.00 0.00553
366173.66 3766502.00 0.00538 366193.66 3766502.00 0.00524
366213.66 3766502.00 0.00510 366233.66 3766502.00 0.00496
366253.66 3766502.00 0.00481 366273.66 3766502.00 0.00467
366293.66 3766502.00 0.00452 366313.66 3766502.00 0.00436
366333.66 3766502.00 0.00420 366353.66 3766502.00 0.00405
366373.66 3766502.00 0.00389 366393.66 3766502.00 0.00375
366413.66 3766502.00 0.00360 366433.66 3766502.00 0.00346
366453.66 3766502.00 0.00331 366473.66 3766502.00 0.00316
366493.66 3766502.00 0.00301 364713.66 3766522.00 0.00133
364733.66 3766522.00 0.00139 364753.66 3766522.00 0.00148
364773.66 3766522.00 0.00159 364793.66 3766522.00 0.00173
364813.66 3766522.00 0.00187 364833.66 3766522.00 0.00201
364853.66 3766522.00 0.00213 364873.66 3766522.00 0.00221
364893.66 3766522.00 0.00229 364913.66 3766522.00 0.00235
364933.66 3766522.00 0.00243 364953.66 3766522.00 0.00252
364973.66 3766522.00 0.00265 364993.66 3766522.00 0.00280
365013.66 3766522.00 0.00297 365033.66 3766522.00 0.00314
365053.66 3766522.00 0.00330 365073.66 3766522.00 0.00345
365093.66 3766522.00 0.00359 365113.66 3766522.00 0.00371
365133.66 3766522.00 0.00384 365153.66 3766522.00 0.00398
365173.66 3766522.00 0.00411 365193.66 3766522.00 0.00423
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF CO IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365213.66 3766522.00 0.00433 365233.66 3766522.00 0.00441
365253.66 3766522.00 0.00449 365273.66 3766522.00 0.00459
365293.66 3766522.00 0.00472 365313.66 3766522.00 0.00491
365333.66 3766522.00 0.00517 365353.66 3766522.00 0.00554
365373.66 3766522.00 0.00607 365393.66 3766522.00 0.00684
365413.66 3766522.00 0.00793 365433.66 3766522.00 0.00958
365453.66 3766522.00 0.01239 365473.66 3766522.00 0.01702
365493.66 3766522.00 0.02349 365513.66 3766522.00 0.03172

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Coop.POU.txt
365533.66 3766522.00 0.04094 365553.66 3766522.00 0.05245
365573.66 3766522.00 0.06516 365593.66 3766522.00 0.05970
365613.66 3766522.00 0.05747 365633.66 3766522.00 0.07270
365653.66 3766522.00 0.07152 365673.66 3766522.00 0.06196
365693.66 3766522.00 0.06332 365713.66 3766522.00 0.06228
365733.66 3766522.00 0.06130 365753.66 3766522.00 0.04842
365773.66 3766522.00 0.03630 365793.66 3766522.00 0.02849
365813.66 3766522.00 0.02360 365833.66 3766522.00 0.02021
365853.66 3766522.00 0.01779 365873.66 3766522.00 0.01606
365893.66 3766522.00 0.01496 365913.66 3766522.00 0.01375
365933.66 3766522.00 0.01238 365953.66 3766522.00 0.01117
365973.66 3766522.00 0.00999 365993.66 3766522.00 0.00907
366013.66 3766522.00 0.00842 366033.66 3766522.00 0.00795
366053.66 3766522.00 0.00760 366073.66 3766522.00 0.00733
366093.66 3766522.00 0.00711 366113.66 3766522.00 0.00691
366133.66 3766522.00 0.00671 366153.66 3766522.00 0.00650
366173.66 3766522.00 0.00629 366193.66 3766522.00 0.00608
366213.66 3766522.00 0.00588 366233.66 3766522.00 0.00568
366253.66 3766522.00 0.00549 366273.66 3766522.00 0.00530
366293.66 3766522.00 0.00511 366313.66 3766522.00 0.00491
366333.66 3766522.00 0.00471 366353.66 3766522.00 0.00451
366373.66 3766522.00 0.00432 366393.66 3766522.00 0.00413
366413.66 3766522.00 0.00395 366433.66 3766522.00 0.00377
366453.66 3766522.00 0.00360 366473.66 3766522.00 0.00342
366493.66 3766522.00 0.00324 366493.66 3766522.00 0.00125
364733.66 3766542.00 0.00132 364753.66 3766542.00 0.00140
364773.66 3766542.00 0.00151 364793.66 3766542.00 0.00163
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364853.66 3766542.00 0.00197 364873.66 3766542.00 0.00205
364893.66 3766542.00 0.00212 364913.66 3766542.00 0.00218
364933.66 3766542.00 0.00226 364953.66 3766542.00 0.00234
364973.66 3766542.00 0.00245 364993.66 3766542.00 0.00257
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF CO IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365013.66 3766542.00 0.00271 365033.66 3766542.00 0.00286
365053.66 3766542.00 0.00302 365073.66 3766542.00 0.00316
365093.66 3766542.00 0.00330 365113.66 3766542.00 0.00342
365133.66 3766542.00 0.00355 365153.66 3766542.00 0.00368
365173.66 3766542.00 0.00382 365193.66 3766542.00 0.00395
365213.66 3766542.00 0.00408 365233.66 3766542.00 0.00418
365253.66 3766542.00 0.00429 365273.66 3766542.00 0.00440
365293.66 3766542.00 0.00454 365313.66 3766542.00 0.00473
365333.66 3766542.00 0.00497 365353.66 3766542.00 0.00529
365373.66 3766542.00 0.00572 365393.66 3766542.00 0.00629
365413.66 3766542.00 0.00706 365433.66 3766542.00 0.00815
365453.66 3766542.00 0.00984 365473.66 3766542.00 0.01226
365493.66 3766542.00 0.01535 365513.66 3766542.00 0.01948
365533.66 3766542.00 0.02439 365553.66 3766542.00 0.03017
365573.66 3766542.00 0.03757 365593.66 3766542.00 0.04846
365613.66 3766542.00 0.06702 365633.66 3766542.00 0.09086
365653.66 3766542.00 0.10268 365673.66 3766542.00 0.10757
365693.66 3766542.00 0.09746 365713.66 3766542.00 0.09284
365733.66 3766542.00 0.07782 365753.66 3766542.00 0.06586
365773.66 3766542.00 0.05448 365793.66 3766542.00 0.04810
365813.66 3766542.00 0.04047 365833.66 3766542.00 0.03320
365853.66 3766542.00 0.02788 365873.66 3766542.00 0.02484
365893.66 3766542.00 0.02258 365913.66 3766542.00 0.01973
365933.66 3766542.00 0.01711 365953.66 3766542.00 0.01452
365973.66 3766542.00 0.01267 365993.66 3766542.00 0.01140
366013.66 3766542.00 0.01050 366033.66 3766542.00 0.00988
366053.66 3766542.00 0.00943 366073.66 3766542.00 0.00908
366093.66 3766542.00 0.00877 366113.66 3766542.00 0.00846
366133.66 3766542.00 0.00813 366153.66 3766542.00 0.00780
366173.66 3766542.00 0.00748 366193.66 3766542.00 0.00717
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366253.66 3766542.00 0.00635 366273.66 3766542.00 0.00610
366293.66 3766542.00 0.00585 366313.66 3766542.00 0.00559
366333.66 3766542.00 0.00533 366353.66 3766542.00 0.00508
366373.66 3766542.00 0.00483 366393.66 3766542.00 0.00460
366413.66 3766542.00 0.00437 366433.66 3766542.00 0.00415
366453.66 3766542.00 0.00393 366473.66 3766542.00 0.00372
366493.66 3766542.00 0.00352 364713.66 3766562.00 0.00119
364733.66 3766562.00 0.00126 364753.66 3766562.00 0.00134
364773.66 3766562.00 0.00143 364793.66 3766562.00 0.00154
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF CO IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
364813.66 3766562.00 0.00165 364833.66 3766562.00 0.00175
364853.66 3766562.00 0.00183 364873.66 3766562.00 0.00191
364893.66 3766562.00 0.00198 364913.66 3766562.00 0.00204
364933.66 3766562.00 0.00211 364953.66 3766562.00 0.00219
364973.66 3766562.00 0.00228 364993.66 3766562.00 0.00239
365013.66 3766562.00 0.00250 365033.66 3766562.00 0.00263
365053.66 3766562.00 0.00277 365073.66 3766562.00 0.00291
365093.66 3766562.00 0.00304 365113.66 3766562.00 0.00316
365133.66 3766562.00 0.00328 365153.66 3766562.00 0.00341
365173.66 3766562.00 0.00355 365193.66 3766562.00 0.00369
365213.66 3766562.00 0.00382 365233.66 3766562.00 0.00395
365253.66 3766562.00 0.00407 365273.66 3766562.00 0.00420
365293.66 3766562.00 0.00434 365313.66 3766562.00 0.00451
365333.66 3766562.00 0.00473 365353.66 3766562.00 0.00500

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Coop.POU.txt
365373.66 3766562.00 0.00534 365393.66 3766562.00 0.00578
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365453.66 3766562.00 0.00827 365473.66 3766562.00 0.00977
365493.66 3766562.00 0.01158 365513.66 3766562.00 0.01392
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365573.66 3766562.00 0.02428 365593.66 3766562.00 0.02948
365613.66 3766562.00 0.03670 365633.66 3766562.00 0.04614
365653.66 3766562.00 0.05771 365673.66 3766562.00 0.07144
365693.66 3766562.00 0.08815 365713.66 3766562.00 0.10386
365733.66 3766562.00 0.09155 365753.66 3766562.00 0.09007
365773.66 3766562.00 0.06897 365793.66 3766562.00 0.05604
365813.66 3766562.00 0.04687 365833.66 3766562.00 0.04120
365853.66 3766562.00 0.04563 365873.66 3766562.00 0.03515
365893.66 3766562.00 0.04357 365913.66 3766562.00 0.03674
365933.66 3766562.00 0.02604 365953.66 3766562.00 0.02073
365973.66 3766562.00 0.01767 365993.66 3766562.00 0.01551
366013.66 3766562.00 0.01400 366033.66 3766562.00 0.01304
366053.66 3766562.00 0.01239 366073.66 3766562.00 0.01185
366093.66 3766562.00 0.01130 366113.66 3766562.00 0.01073
366133.66 3766562.00 0.01017 366153.66 3766562.00 0.00963
366173.66 3766562.00 0.00914 366193.66 3766562.00 0.00868
366213.66 3766562.00 0.00825 366233.66 3766562.00 0.00786
366253.66 3766562.00 0.00750 366273.66 3766562.00 0.00716
366293.66 3766562.00 0.00682 366313.66 3766562.00 0.00648
366333.66 3766562.00 0.00613 366353.66 3766562.00 0.00580
366373.66 3766562.00 0.00548 366393.66 3766562.00 0.00517
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF CO IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
366413.66 3766562.00 0.00487 366433.66 3766562.00 0.00459
366453.66 3766562.00 0.00433 366473.66 3766562.00 0.00408
366493.66 3766562.00 0.00385 366493.66 3766582.00 0.00114
3664733.66 3766582.00 0.00120 3664753.66 3766582.00 0.00128
3664773.66 3766582.00 0.00137 3664793.66 3766582.00 0.00146
3664813.66 3766582.00 0.00155 3664833.66 3766582.00 0.00164
3664853.66 3766582.00 0.00172 3664873.66 3766582.00 0.00179
3664893.66 3766582.00 0.00185 3664913.66 3766582.00 0.00192
3664933.66 3766582.00 0.00198 3664953.66 3766582.00 0.00206
3664973.66 3766582.00 0.00214 3664993.66 3766582.00 0.00223
3665013.66 3766582.00 0.00233 3665033.66 3766582.00 0.00244
3665053.66 3766582.00 0.00256 3665073.66 3766582.00 0.00268
3665093.66 3766582.00 0.00281 3665113.66 3766582.00 0.00293
3665133.66 3766582.00 0.00305 3665153.66 3766582.00 0.00317
3665173.66 3766582.00 0.00330 3665193.66 3766582.00 0.00344
3665213.66 3766582.00 0.00357 3665233.66 3766582.00 0.00371
3665253.66 3766582.00 0.00384 3665273.66 3766582.00 0.00397
3665293.66 3766582.00 0.00412 3665313.66 3766582.00 0.00428
3665333.66 3766582.00 0.00447 3665353.66 3766582.00 0.00469
3665373.66 3766582.00 0.00497 3665393.66 3766582.00 0.00532
3665413.66 3766582.00 0.00576 3665433.66 3766582.00 0.00635
3665453.66 3766582.00 0.00717 3665473.66 3766582.00 0.00818
3665493.66 3766582.00 0.00937 3665513.66 3766582.00 0.01083
3665533.66 3766582.00 0.01266 3665553.66 3766582.00 0.01482
3665573.66 3766582.00 0.01733 3665593.66 3766582.00 0.02038
3665613.66 3766582.00 0.02415 3665633.66 3766582.00 0.02868
3665653.66 3766582.00 0.03402 3665673.66 3766582.00 0.04007
3665693.66 3766582.00 0.04666 3665713.66 3766582.00 0.05375
3665733.66 3766582.00 0.06110 3665753.66 3766582.00 0.06676
3665773.66 3766582.00 0.06954 3665793.66 3766582.00 0.07163
3665813.66 3766582.00 0.06682 3665833.66 3766582.00 0.07171
3665853.66 3766582.00 0.06117 3665873.66 3766582.00 0.05985
3665893.66 3766582.00 0.06909 3665913.66 3766582.00 0.09927
3665933.66 3766582.00 0.04169 3665953.66 3766582.00 0.03437
3665973.66 3766582.00 0.02893 3665993.66 3766582.00 0.02417
3666013.66 3766582.00 0.02092 3666033.66 3766582.00 0.01922
3666053.66 3766582.00 0.01807 3666073.66 3766582.00 0.01686
3666093.66 3766582.00 0.01562 3666113.66 3766582.00 0.01447
3666133.66 3766582.00 0.01344 3666153.66 3766582.00 0.01251
3666173.66 3766582.00 0.01168 3666193.66 3766582.00 0.01094
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF CO IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
366213.66 3766582.00 0.01028 366233.66 3766582.00 0.00968
366253.66 3766582.00 0.00914 366273.66 3766582.00 0.00865
366293.66 3766582.00 0.00817 366313.66 3766582.00 0.00769
366333.66 3766582.00 0.00721 366353.66 3766582.00 0.00675
366373.66 3766582.00 0.00630 366393.66 3766582.00 0.00588
366413.66 3766582.00 0.00548 366433.66 3766582.00 0.00513
366453.66 3766582.00 0.00482 366473.66 3766582.00 0.00453
366493.66 3766582.00 0.00426 3664713.66 3766602.00 0.00110
3664733.66 3766602.00 0.00116 3664753.66 3766602.00 0.00123
3664773.66 3766602.00 0.00131 3664793.66 3766602.00 0.00139
3664813.66 3766602.00 0.00147 3664833.66 3766602.00 0.00155
3664853.66 3766602.00 0.00162 3664873.66 3766602.00 0.00169
3664893.66 3766602.00 0.00175 3664913.66 3766602.00 0.00181
3664933.66 3766602.00 0.00187 3664953.66 3766602.00 0.00194
3664973.66 3766602.00 0.00201 3664993.66 3766602.00 0.00209
3665013.66 3766602.00 0.00218 3665033.66 3766602.00 0.00227
3665053.66 3766602.00 0.00238 3665073.66 3766602.00 0.00249
3665093.66 3766602.00 0.00260 3665113.66 3766602.00 0.00272
3665133.66 3766602.00 0.00283 3665153.66 3766602.00 0.00295
3665173.66 3766602.00 0.00307 3665193.66 3766602.00 0.00320

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				Coop.POU.txt	
365213.66	3766602.00	0.00334	365233.66	3766602.00	0.00348
365253.66	3766602.00	0.00361	365273.66	3766602.00	0.00375
365293.66	3766602.00	0.00388	365313.66	3766602.00	0.00403
365333.66	3766602.00	0.00420	365353.66	3766602.00	0.00439
365373.66	3766602.00	0.00463	365393.66	3766602.00	0.00491
365413.66	3766602.00	0.00526	365433.66	3766602.00	0.00572
365453.66	3766602.00	0.00633	365473.66	3766602.00	0.00706
365493.66	3766602.00	0.00790	365513.66	3766602.00	0.00888
365533.66	3766602.00	0.01007	365553.66	3766602.00	0.01151
365573.66	3766602.00	0.01318	365593.66	3766602.00	0.01516
365613.66	3766602.00	0.01748	365633.66	3766602.00	0.02009
365653.66	3766602.00	0.02305	365673.66	3766602.00	0.02633
365693.66	3766602.00	0.02984	365713.66	3766602.00	0.03343
365733.66	3766602.00	0.03689	365753.66	3766602.00	0.03975
365773.66	3766602.00	0.04190	365793.66	3766602.00	0.04396
365813.66	3766602.00	0.04701	365833.66	3766602.00	0.05179
365853.66	3766602.00	0.05780	365873.66	3766602.00	0.06257
365893.66	3766602.00	0.06756	365913.66	3766602.00	0.06798
365933.66	3766602.00	0.05295	365953.66	3766602.00	0.04454
365973.66	3766602.00	0.03869	365993.66	3766602.00	0.03411

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***MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366013.66	3766602.00	0.03019	366033.66	3766602.00	0.03556
366053.66	3766602.00	0.03311	366073.66	3766602.00	0.02879
366093.66	3766602.00	0.02509	366113.66	3766602.00	0.02213
366133.66	3766602.00	0.01974	366153.66	3766602.00	0.01779
366173.66	3766602.00	0.01616	366193.66	3766602.00	0.01478
366213.66	3766602.00	0.01359	366233.66	3766602.00	0.01257
366253.66	3766602.00	0.01168	366273.66	3766602.00	0.01089
366293.66	3766602.00	0.01016	366313.66	3766602.00	0.00943
366333.66	3766602.00	0.00871	366353.66	3766602.00	0.00803
366373.66	3766602.00	0.00739	366393.66	3766602.00	0.00679
366413.66	3766602.00	0.00627	366433.66	3766602.00	0.00582
366453.66	3766602.00	0.00544	366473.66	3766602.00	0.00510
366493.66	3766602.00	0.00477	366513.66	3766602.00	0.00462
366533.66	3766602.00	0.00411	366553.66	3766602.00	0.00418
366573.66	3766602.00	0.00359	366593.66	3766602.00	0.00382
366613.66	3766602.00	0.00312	366633.66	3766602.00	0.00287
366653.66	3766602.00	0.00274	366673.66	3766602.00	0.00259
366693.66	3766602.00	0.00246	366713.66	3766602.00	0.00238
366733.66	3766602.00	0.00222	366753.66	3766602.00	0.00219
366773.66	3766602.00	0.00204	366793.66	3766602.00	0.00204
366813.66	3766602.00	0.00186	366833.66	3766602.00	0.00190
366853.66	3766602.00	0.00171	366873.66	3766602.00	0.00177
366893.66	3766602.00	0.00157	366913.66	3766602.00	0.00165
366933.66	3766602.00	0.00145	366953.66	3766602.00	0.00153
366973.66	3766602.00	0.00134	366993.66	3766602.00	0.00142
367013.66	3766602.00	0.00125	367033.66	3766602.00	0.00132
367053.66	3766602.00	0.00117	367073.66	3766602.00	0.00125
367093.66	3766602.00	0.00110	367113.66	3766602.00	0.00118
367133.66	3766602.00	0.00104	367153.66	3766602.00	0.00112
367173.66	3766602.00	0.00098	367193.66	3766602.00	0.00107
367213.66	3766602.00	0.00093	367233.66	3766602.00	0.00102
367253.66	3766602.00	0.00088	367273.66	3766602.00	0.00097
367293.66	3766602.00	0.00083	367313.66	3766602.00	0.00092
367333.66	3766602.00	0.00078	367353.66	3766602.00	0.00087
367373.66	3766602.00	0.00073	367393.66	3766602.00	0.00082
367413.66	3766602.00	0.00068	367433.66	3766602.00	0.00077
367453.66	3766602.00	0.00063	367473.66	3766602.00	0.00072
367493.66	3766602.00	0.00058	367513.66	3766602.00	0.00067
367533.66	3766602.00	0.00053	367553.66	3766602.00	0.00062
367573.66	3766602.00	0.00048	367593.66	3766602.00	0.00057
367613.66	3766602.00	0.00043	367633.66	3766602.00	0.00052
367653.66	3766602.00	0.00038	367673.66	3766602.00	0.00047
367693.66	3766602.00	0.00033	367713.66	3766602.00	0.00042
367733.66	3766602.00	0.00028	367753.66	3766602.00	0.00037
367773.66	3766602.00	0.00023	367793.66	3766602.00	0.00032

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***MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365813.66	3766622.00	0.03112	365833.66	3766622.00	0.03253
365853.66	3766622.00	0.03429	365873.66	3766622.00	0.03613
365893.66	3766622.00	0.03855	365913.66	3766622.00	0.04258
365933.66	3766622.00	0.04904	365953.66	3766622.00	0.05057
365973.66	3766622.00	0.04101	365993.66	3766622.00	0.04396
366013.66	3766622.00	0.04227	366033.66	3766622.00	0.03848
366053.66	3766622.00	0.03949	366073.66	3766622.00	0.04657
366093.66	3766622.00	0.04313	366113.66	3766622.00	0.04265
366133.66	3766622.00	0.03578	366153.66	3766622.00	0.03002
366173.66	3766622.00	0.02572	366193.66	3766622.00	0.02243
366213.66	3766622.00	0.01984	366233.66	3766622.00	0.01775
366253.66	3766622.00	0.01603	366273.66	3766622.00	0.01459
366293.66	3766622.00	0.01332	366313.66	3766622.00	0.01212
366333.66	3766622.00	0.01095	366353.66	3766622.00	0.00985
366373.66	3766622.00	0.00886	366393.66	3766622.00	0.00802
366413.66	3766622.00	0.00732	366433.66	3766622.00	0.00675
366453.66	3766622.00	0.00628	366473.66	3766622.00	0.00585
366493.66	3766622.00	0.00544	366513.66	3766622.00	0.00510
366533.66	3766622.00	0.00477	366553.66	3766622.00	0.00462
366573.66	3766622.00	0.00411	366593.66	3766622.00	0.00418
366613.66	3766622.00	0.00359	366633.66	3766622.00	0.00382
366653.66	3766622.00	0.00312	366673.66	3766622.00	0.00351
366693.66	3766622.00	0.00274	366713.66	3766622.00	0.00325
366733.66	3766622.00	0.00246	366753.66	3766622.00	0.00301
366773.66	3766622.00	0.00222	366793.66	3766622.00	0.00287
366813.66	3766622.00	0.00204	366833.66	3766622.00	0.00274
366853.66	3766622.00	0.00186	366873.66	3766622.00	0.00262
366893.66	3766622.00	0.00171	366913.66	3766622.00	0.00250
366933.66	3766622.00	0.00157	366953.66	3766622.00	0.00238
366973.66	3766622.00	0.00145	366993.66	3766622.00	0.00226
367013.66	3766622.00	0.00134	367033.66	3766622.00	0.00214
367053.66	3766622.00	0.00125	367073.66	3766622.00	0.00204
367093.66	3766622.00	0.00117	367113.66	3766622.00	0.00194
367133.66	3766622.00	0.00110	367153.66	3766622.00	0.00184
367173.66	3766622.00	0.00104	367193.66	3766622.00	0.00174
367213.66	3766622.00	0.00098	367233.66	3766622.00	0.00164
367253.66	3766622.00	0.00093	367273.66	3766622.00	0.00154
367293.66	3766622.00	0.00088	367313.66	3766622.00	0.00144
367333.66	3766622.00	0.00083	367353.66	3766622.00	0.00134
367373.66	3766622.00	0.00078	367393.66	3766622.00	0.00124
367413.66	3766622.00	0.00073	367433.66	3766622.00	0.00114
367453.66	3766622.00	0.00068	367473.66	3766622.00	0.00104
367493.66	3766622.00	0.00063	367513.66	3766622.00	0.00094
367533.66	3766622.00	0.00058	367553.66	3766622.00	0.00084
367573.66	3766622.00	0.00053	367593.66	3766622.00	0.00074
367613.66	3766622.00	0.00048	367633.66	3766622.00	0.00064
367653.66	3766622.00	0.00043	367673.66	3766622.00	0.00054
367693.66	3766622.00	0.00038	367713.66	3766622.00	0.00044
367733.66	3766622.00	0.00033	367753.66	3766622.00	0.00034
367773.66	3766622.00	0.00028	367793.66	3766622.00	0.00024

			Coop.POU.txt	
365053.66	3766642.00	0.00207	365073.66	3766642.00
365093.66	3766642.00	0.00226	365113.66	3766642.00
365133.66	3766642.00	0.00246	365153.66	3766642.00
365173.66	3766642.00	0.00267	365193.66	3766642.00
365213.66	3766642.00	0.00291	365233.66	3766642.00
365253.66	3766642.00	0.00316	365273.66	3766642.00
365293.66	3766642.00	0.00341	365313.66	3766642.00
365333.66	3766642.00	0.00368	365353.66	3766642.00
365373.66	3766642.00	0.00400	365393.66	3766642.00
365413.66	3766642.00	0.00444	365433.66	3766642.00
365453.66	3766642.00	0.00511	365473.66	3766642.00
365493.66	3766642.00	0.00600	365513.66	3766642.00
365533.66	3766642.00	0.00711	365553.66	3766642.00
365573.66	3766642.00	0.00866	365593.66	3766642.00

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXP0\Expo HRA\EXP0hra.isc ***

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

365613.66	3766642.00	0.01074	365633.66	3766642.00	0.01192
365653.66	3766642.00	0.01318	365673.66	3766642.00	0.01454
365693.66	3766642.00	0.01600	365713.66	3766642.00	0.01749
365733.66	3766642.00	0.01891	365753.66	3766642.00	0.02017
365773.66	3766642.00	0.02127	365793.66	3766642.00	0.02224
365813.66	3766642.00	0.02305	365833.66	3766642.00	0.02380
365853.66	3766642.00	0.02465	365873.66	3766642.00	0.02552
365893.66	3766642.00	0.02673	365913.66	3766642.00	0.02812
365933.66	3766642.00	0.03045	365953.66	3766642.00	0.03357
365973.66	3766642.00	0.03761	365993.66	3766642.00	0.04422
366013.66	3766642.00	0.05456	366033.66	3766642.00	0.06149
366053.66	3766642.00	0.07283	366073.66	3766642.00	0.06724
366093.66	3766642.00	0.06655	366113.66	3766642.00	0.05932
366133.66	3766642.00	0.05095	366153.66	3766642.00	0.04195
366173.66	3766642.00	0.04682	366193.66	3766642.00	0.04202
366213.66	3766642.00	0.03517	366233.66	3766642.00	0.02937
366253.66	3766642.00	0.02507	366273.66	3766642.00	0.02176
366293.66	3766642.00	0.01913	366313.66	3766642.00	0.01679
366333.66	3766642.00	0.01458	366353.66	3766642.00	0.01262
366373.66	3766642.00	0.01103	366393.66	3766642.00	0.00981
366413.66	3766642.00	0.00885	366433.66	3766642.00	0.00808
366453.66	3766642.00	0.00744	366473.66	3766642.00	0.00688
366493.66	3766642.00	0.00634	366513.66	3766642.00	0.00599
366533.66	3766642.00	0.00544	366553.66	3766642.00	0.00510
366573.66	3766642.00	0.00464	366593.66	3766642.00	0.00430
366613.66	3766642.00	0.00394	366633.66	3766642.00	0.00359
366653.66	3766642.00	0.00334	366673.66	3766642.00	0.00309
366693.66	3766642.00	0.00284	366713.66	3766642.00	0.00269
366733.66	3766642.00	0.00244	366753.66	3766642.00	0.00239
366773.66	3766642.00	0.00214	366793.66	3766642.00	0.00219
366813.66	3766642.00	0.00194	366833.66	3766642.00	0.00209
366853.66	3766642.00	0.00184	366873.66	3766642.00	0.00209
366893.66	3766642.00	0.00184	366913.66	3766642.00	0.00209
366933.66	3766642.00	0.00184	366953.66	3766642.00	0.00209
366973.66	3766642.00	0.00184	366993.66	3766642.00	0.00209
367013.66	3766642.00	0.00184	367033.66	3766642.00	0.00209
367053.66	3766642.00	0.00184	367073.66	3766642.00	0.00209
367093.66	3766642.00	0.00184	367113.66	3766642.00	0.00209
367133.66	3766642.00	0.00184	367153.66	3766642.00	0.00209
367173.66	3766642.00	0.00184	367193.66	3766642.00	0.00209
367213.66	3766642.00	0.00184	367233.66	3766642.00	0.00209
367253.66	3766642.00	0.00184	367273.66	3766642.00	0.00209
367293.66	3766642.00	0.00184	367313.66	3766642.00	0.00209
367333.66	3766642.00	0.00184	367353.66	3766642.00	0.00209
367373.66	3766642.00	0.00184	367393.66	3766642.00	0.00209

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

365413.66	3766662.00	0.00410	365433.66	3766662.00	0.00435
365453.66	3766662.00	0.00465	365473.66	3766662.00	0.00498
365493.66	3766662.00	0.00534	365513.66	3766662.00	0.00574
365533.66	3766662.00	0.00619	365553.66	3766662.00	0.00671
365573.66	3766662.00	0.00733	365593.66	3766662.00	0.00806
365613.66	3766662.00	0.00887	365633.66	3766662.00	0.00974
365653.66	3766662.00	0.01065	365673.66	3766662.00	0.01162
365693.66	3766662.00	0.01266	365713.66	3766662.00	0.01372
365733.66	3766662.00	0.01475	365753.66	3766662.00	0.01569
365773.66	3766662.00	0.01655	365793.66	3766662.00	0.01734
365813.66	3766662.00	0.01803	365833.66	3766662.00	0.01864
365853.66	3766662.00	0.01921	365873.66	3766662.00	0.01977
365893.66	3766662.00	0.02048	365913.66	3766662.00	0.02123
365933.66	3766662.00	0.02225	365953.66	3766662.00	0.02383
365973.66	3766662.00	0.02579	365993.66	3766662.00	0.02854
366013.66	3766662.00	0.03304	366033.66	3766662.00	0.04043
366053.66	3766662.00	0.05043	366073.66	3766662.00	0.06288
366093.66	3766662.00	0.07400	366113.66	3766662.00	0.06954
366133.66	3766662.00	0.05762	366153.66	3766662.00	0.05749
366173.66	3766662.00	0.05327	366193.66	3766662.00	0.04392
366213.66	3766662.00	0.05147	366233.66	3766662.00	0.04753
366253.66	3766662.00	0.04596	366273.66	3766662.00	0.04023
366293.66	3766662.00	0.03293	366313.66	3766662.00	0.02682
366333.66	3766662.00	0.02140	366353.66	3766662.00	0.01742
366373.66	3766662.00	0.01471	366393.66	3766662.00	0.01277
366413.66	3766662.00	0.01129	366433.66	3766662.00	0.01011
366453.66	3766662.00	0.00915	366473.66	3766662.00	0.00836
366493.66	3766662.00	0.00761	366513.66	3766662.00	0.00695
366533.66	3766662.00	0.00619	366553.66	3766662.00	0.00595
366573.66	3766662.00	0.00510	366593.66	3766662.00	0.00510
366613.66	3766662.00	0.00430	366633.66	3766662.00	0.00430
366653.66	3766662.00	0.00359	366673.66	3766662.00	0.00359
366693.66	3766662.00	0.00299	366713.66	3766662.00	0.00299
366733.66	3766662.00	0.00249	366753.66	3766662.00	0.00249
366773.66	3766662.00	0.00209	366793.66	3766662.00	0.00209
366813.66	3766662.00	0.00184	366833.66	3766662.00	0.00184
366853.66	3766662.00	0.00164	366873.66	3766662.00	0.00164

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364893.66 3766682.00 0.00142 364913.66 3766682.00 0.00147
364933.66 3766682.00 0.00152 364953.66 3766682.00 0.00157
364973.66 3766682.00 0.00162 364993.66 3766682.00 0.00167
365013.66 3766682.00 0.00172 365033.66 3766682.00 0.00178
365053.66 3766682.00 0.00184 365073.66 3766682.00 0.00191
365093.66 3766682.00 0.00198 365113.66 3766682.00 0.00206
365133.66 3766682.00 0.00215 365153.66 3766682.00 0.00224
365173.66 3766682.00 0.00233 365193.66 3766682.00 0.00243
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365213.66	3766682.00	0.00254	365233.66	3766682.00	0.00265
365253.66	3766682.00	0.00276	365273.66	3766682.00	0.00287
365293.66	3766682.00	0.00299	365313.66	3766682.00	0.00310
365333.66	3766682.00	0.00322	365353.66	3766682.00	0.00334
365373.66	3766682.00	0.00348	365393.66	3766682.00	0.00363
365413.66	3766682.00	0.00380	365433.66	3766682.00	0.00401
365453.66	3766682.00	0.00425	365473.66	3766682.00	0.00452
365493.66	3766682.00	0.00481	365513.66	3766682.00	0.00513
365533.66	3766682.00	0.00547	365553.66	3766682.00	0.00587
365573.66	3766682.00	0.00634	365593.66	3766682.00	0.00689
365613.66	3766682.00	0.00751	365633.66	3766682.00	0.00817
365653.66	3766682.00	0.00887	365673.66	3766682.00	0.00959
365693.66	3766682.00	0.01036	365713.66	3766682.00	0.01114
365733.66	3766682.00	0.01191	365753.66	3766682.00	0.01263
365773.66	3766682.00	0.01332	365793.66	3766682.00	0.01398
365813.66	3766682.00	0.01458	365833.66	3766682.00	0.01513
365853.66	3766682.00	0.01560	365873.66	3766682.00	0.01606
365893.66	3766682.00	0.01655	365913.66	3766682.00	0.01705
365933.66	3766682.00	0.01764	365953.66	3766682.00	0.01851
365973.66	3766682.00	0.01964	365993.66	3766682.00	0.02108
366013.66	3766682.00	0.02315	366033.66	3766682.00	0.02613
366053.66	3766682.00	0.03007	366073.66	3766682.00	0.03497
366093.66	3766682.00	0.04078	366113.66	3766682.00	0.04770
366133.66	3766682.00	0.05618	366153.66	3766682.00	0.06642
366173.66	3766682.00	0.07546	366193.66	3766682.00	0.07156
366213.66	3766682.00	0.06546	366233.66	3766682.00	0.06497
366253.66	3766682.00	0.06005	366273.66	3766682.00	0.05133
366293.66	3766682.00	0.04078	366313.66	3766682.00	0.04014
366333.66	3766682.00	0.03630	366353.66	3766682.00	0.02825
366373.66	3766682.00	0.02255	366393.66	3766682.00	0.01862
366413.66	3766682.00	0.01581	366433.66	3766682.00	0.01367
366453.66	3766682.00	0.01202	366473.66	3766682.00	0.01079
366493.66	3766682.00	0.00965	364713.66	3766702.00	0.00092
364733.66	3766702.00	0.00096	364753.66	3766702.00	0.00101
364773.66	3766702.00	0.00106	364793.66	3766702.00	0.00111
364813.66	3766702.00	0.00116	364833.66	3766702.00	0.00121
364853.66	3766702.00	0.00126	364873.66	3766702.00	0.00131
364893.66	3766702.00	0.00136	364913.66	3766702.00	0.00140
364933.66	3766702.00	0.00145	364953.66	3766702.00	0.00150
364973.66	3766702.00	0.00154	364993.66	3766702.00	0.00159

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365013.66	3766702.00	0.00163	365033.66	3766702.00	0.00168
365053.66	3766702.00	0.00174	365073.66	3766702.00	0.00180
365093.66	3766702.00	0.00186	365113.66	3766702.00	0.00194
365133.66	3766702.00	0.00201	365153.66	3766702.00	0.00210
365173.66	3766702.00	0.00219	365193.66	3766702.00	0.00228
365213.66	3766702.00	0.00237	365233.66	3766702.00	0.00247
365253.66	3766702.00	0.00258	365273.66	3766702.00	0.00269
365293.66	3766702.00	0.00280	365313.66	3766702.00	0.00291
365333.66	3766702.00	0.00302	365353.66	3766702.00	0.00313
365373.66	3766702.00	0.00325	365393.66	3766702.00	0.00338
365413.66	3766702.00	0.00353	365433.66	3766702.00	0.00371
365453.66	3766702.00	0.00391	365473.66	3766702.00	0.00413
365493.66	3766702.00	0.00437	365513.66	3766702.00	0.00462
365533.66	3766702.00	0.00490	365553.66	3766702.00	0.00521
365573.66	3766702.00	0.00558	365593.66	3766702.00	0.00601
365613.66	3766702.00	0.00649	365633.66	3766702.00	0.00701
365653.66	3766702.00	0.00755	365673.66	3766702.00	0.00811
365693.66	3766702.00	0.00869	365713.66	3766702.00	0.00929
365733.66	3766702.00	0.00987	365753.66	3766702.00	0.01044
365773.66	3766702.00	0.01100	365793.66	3766702.00	0.01155
365813.66	3766702.00	0.01208	365833.66	3766702.00	0.01256
365853.66	3766702.00	0.01299	365873.66	3766702.00	0.01339
365893.66	3766702.00	0.01378	365913.66	3766702.00	0.01416
365933.66	3766702.00	0.01457	365953.66	3766702.00	0.01511
365973.66	3766702.00	0.01582	365993.66	3766702.00	0.01670
366013.66	3766702.00	0.01786	366033.66	3766702.00	0.01938
366053.66	3766702.00	0.02130	366073.66	3766702.00	0.02369
366093.66	3766702.00	0.02652	366113.66	3766702.00	0.02975
366133.66	3766702.00	0.03345	366153.66	3766702.00	0.03779
366173.66	3766702.00	0.04303	366193.66	3766702.00	0.04959
366213.66	3766702.00	0.05814	366233.66	3766702.00	0.06867
366253.66	3766702.00	0.07645	366273.66	3766702.00	0.07199
366293.66	3766702.00	0.05938	366313.66	3766702.00	0.05408
366333.66	3766702.00	0.04975	366353.66	3766702.00	0.03781
366373.66	3766702.00	0.03010	366393.66	3766702.00	0.02395
366413.66	3766702.00	0.02620	366433.66	3766702.00	0.02241
366453.66	3766702.00	0.01866	366473.66	3766702.00	0.01614
366493.66	3766702.00	0.01387	364713.66	3766722.00	0.00089

Coop.POU.txt
364733.66 3766722.00 0.00093 364753.66 3766722.00 0.00097
364773.66 3766722.00 0.00102 364793.66 3766722.00 0.00106
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXP0\Expo HRA\EXP0hra.isc ***

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364813.66	3766722.00	0.00111	364833.66	3766722.00	0.00116
364853.66	3766722.00	0.00121	364873.66	3766722.00	0.00125
364893.66	3766722.00	0.00130	364913.66	3766722.00	0.00134
364933.66	3766722.00	0.00139	364953.66	3766722.00	0.00143
364973.66	3766722.00	0.00147	364993.66	3766722.00	0.00151
365013.66	3766722.00	0.00155	365033.66	3766722.00	0.00160
365053.66	3766722.00	0.00165	365073.66	3766722.00	0.00170
365093.66	3766722.00	0.00176	365113.66	3766722.00	0.00182
365133.66	3766722.00	0.00189	365153.66	3766722.00	0.00197
365173.66	3766722.00	0.00205	365193.66	3766722.00	0.00213
365213.66	3766722.00	0.00222	365233.66	3766722.00	0.00232
365253.66	3766722.00	0.00241	365273.66	3766722.00	0.00251
365293.66	3766722.00	0.00262	365313.66	3766722.00	0.00272
365333.66	3766722.00	0.00282	365353.66	3766722.00	0.00292
365373.66	3766722.00	0.00303	365393.66	3766722.00	0.00315
365413.66	3766722.00	0.00329	365433.66	3766722.00	0.00344
365453.66	3766722.00	0.00361	365473.66	3766722.00	0.00379
365493.66	3766722.00	0.00399	365513.66	3766722.00	0.00420
365533.66	3766722.00	0.00443	365553.66	3766722.00	0.00469
365573.66	3766722.00	0.00498	365593.66	3766722.00	0.00532
365613.66	3766722.00	0.00570	365633.66	3766722.00	0.00611
365653.66	3766722.00	0.00654	365673.66	3766722.00	0.00698
365693.66	3766722.00	0.00744	365713.66	3766722.00	0.00790
365733.66	3766722.00	0.00836	365753.66	3766722.00	0.00882
365773.66	3766722.00	0.00928	365793.66	3766722.00	0.00973
365813.66	3766722.00	0.01019	365833.66	3766722.00	0.01061
365853.66	3766722.00	0.01101	365873.66	3766722.00	0.01137
365893.66	3766722.00	0.01170	365913.66	3766722.00	0.01201
365933.66	3766722.00	0.01233	365953.66	3766722.00	0.01270
365973.66	3766722.00	0.01318	365993.66	3766722.00	0.01378
366013.66	3766722.00	0.01452	366033.66	3766722.00	0.01542
366053.66	3766722.00	0.01650	366073.66	3766722.00	0.01782
366093.66	3766722.00	0.01939	366113.66	3766722.00	0.02118
366133.66	3766722.00	0.02317	366153.66	3766722.00	0.02538
366173.66	3766722.00	0.02786	366193.66	3766722.00	0.03067
366213.66	3766722.00	0.03394	366233.66	3766722.00	0.03779
366253.66	3766722.00	0.04235	366273.66	3766722.00	0.04767
366293.66	3766722.00	0.05342	366313.66	3766722.00	0.05661
366333.66	3766722.00	0.05306	366353.66	3766722.00	0.03775
366373.66	3766722.00	0.03533	366393.66	3766722.00	0.03249

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366413.66	3766722.00	0.02818	366433.66	3766722.00	0.02441
366453.66	3766722.00	0.02647	366473.66	3766722.00	0.02102
366493.66	3766722.00	0.01788	366493.66	3766742.00	0.00086
364733.66	3766742.00	0.00090	364753.66	3766742.00	0.00094
364773.66	3766742.00	0.00098	364793.66	3766742.00	0.00102
364813.66	3766742.00	0.00107	364833.66	3766742.00	0.00111
364853.66	3766742.00	0.00116	364873.66	3766742.00	0.00120
364893.66	3766742.00	0.00124	364913.66	3766742.00	0.00128
364933.66	3766742.00	0.00132	364953.66	3766742.00	0.00137
364973.66	3766742.00	0.00141	364993.66	3766742.00	0.00144
365013.66	3766742.00	0.00148	365033.66	3766742.00	0.00152
365053.66	3766742.00	0.00156	365073.66	3766742.00	0.00161
365093.66	3766742.00	0.00166	365113.66	3766742.00	0.00172
365133.66	3766742.00	0.00178	365153.66	3766742.00	0.00185
365173.66	3766742.00	0.00192	365193.66	3766742.00	0.00200
365213.66	3766742.00	0.00209	365233.66	3766742.00	0.00217
365253.66	3766742.00	0.00226	365273.66	3766742.00	0.00236
365293.66	3766742.00	0.00245	365313.66	3766742.00	0.00255
365333.66	3766742.00	0.00264	365353.66	3766742.00	0.00274
365373.66	3766742.00	0.00284	365393.66	3766742.00	0.00295
365413.66	3766742.00	0.00307	365433.66	3766742.00	0.00320
365453.66	3766742.00	0.00334	365473.66	3766742.00	0.00350
365493.66	3766742.00	0.00367	365513.66	3766742.00	0.00385
365533.66	3766742.00	0.00404	365553.66	3766742.00	0.00426
365573.66	3766742.00	0.00450	365593.66	3766742.00	0.00477
365613.66	3766742.00	0.00507	365633.66	3766742.00	0.00540
365653.66	3766742.00	0.00575	365673.66	3766742.00	0.00611
365693.66	3766742.00	0.00647	365713.66	3766742.00	0.00684
365733.66	3766742.00	0.00720	365753.66	3766742.00	0.00758
365773.66	3766742.00	0.00795	365793.66	3766742.00	0.00834
365813.66	3766742.00	0.00872	365833.66	3766742.00	0.00910
365853.66	3766742.00	0.00946	365873.66	3766742.00	0.00978
365893.66	3766742.00	0.01007	365913.66	3766742.00	0.01034
365933.66	3766742.00	0.01060	365953.66	3766742.00	0.01089
365973.66	3766742.00	0.01124	365993.66	3766742.00	0.01166
366013.66	3766742.00	0.01218	366033.66	3766742.00	0.01277
366053.66	3766742.00	0.01345	366073.66	3766742.00	0.01425
366093.66	3766742.00	0.01519	366113.66	3766742.00	0.01627
366133.66	3766742.00	0.01747	366153.66	3766742.00	0.01877
366173.66	3766742.00	0.02017	366193.66	3766742.00	0.02169

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366213.66	3766742.00	0.02333	366233.66	3766742.00	0.02512
366253.66	3766742.00	0.02704	366273.66	3766742.00	0.02907
366293.66	3766742.00	0.03105	366313.66	3766742.00	0.03245
366333.66	3766742.00	0.03304	366353.66	3766742.00	0.03376
366373.66	3766742.00	0.03576	366393.66	3766742.00	0.03876
366413.66	3766742.00	0.04030	366433.66	3766742.00	0.03733
366453.66	3766742.00	0.03166	366473.66	3766742.00	0.02682
366493.66	3766742.00	0.02360	366488.66	3766117.00	0.00155
364738.66	3766117.00	0.00177	364788.66	3766117.00	0.00189
364838.66	3766117.00	0.00243	364888.66	3766117.00	0.00635
364938.66	3766117.00	0.00739	364988.66	3766117.00	0.00482
365038.66	3766117.00	0.00320	365088.66	3766117.00	0.00247
365138.66	3766117.00	0.00222	365188.66	3766117.00	0.00199
365238.66	3766117.00	0.00174	365288.66	3766117.00	0.00153
365338.66	3766117.00	0.00136	365388.66	3766117.00	0.00124
365438.66	3766117.00	0.00116	365488.66	3766117.00	0.00112
365538.66	3766117.00	0.00111	365588.66	3766117.00	0.00113
365638.66	3766117.00	0.00117	365688.66	3766117.00	0.00121
365738.66	3766117.00	0.00125	365788.66	3766117.00	0.00129
365838.66	3766117.00	0.00132	365888.66	3766117.00	0.00133
365938.66	3766117.00	0.00135	365988.66	3766117.00	0.00135
366038.66	3766117.00	0.00135	366088.66	3766117.00	0.00133
366138.66	3766117.00	0.00131	366188.66	3766117.00	0.00128
366238.66	3766117.00	0.00124	366288.66	3766117.00	0.00121
366338.66	3766117.00	0.00117	366388.66	3766117.00	0.00113
366438.66	3766117.00	0.00110	366488.66	3766117.00	0.00106
366538.66	3766117.00	0.00102	366588.66	3766167.00	0.00275
366538.66	3766167.00	0.00112	366688.66	3766217.00	0.00375
366538.66	3766217.00	0.00124	366688.66	3766267.00	0.00356
366538.66	3766267.00	0.00138	366688.66	3766317.00	0.00287
366538.66	3766317.00	0.00157	366688.66	3766367.00	0.00221
366538.66	3766367.00	0.00180	366688.66	3766417.00	0.00178
366538.66	3766417.00	0.00208	366688.66	3766467.00	0.00151
366538.66	3766467.00	0.00241	366688.66	3766517.00	0.00128
366538.66	3766517.00	0.00284	366688.66	3766567.00	0.00112
366538.66	3766567.00	0.00346	366688.66	3766617.00	0.00101
366538.66	3766617.00	0.00445	366688.66	3766667.00	0.00092
366538.66	3766667.00	0.00611	366688.66	3766717.00	0.00085
366538.66	3766717.00	0.00911	366688.66	3766767.00	0.00079
364738.66	3766767.00	0.00087	364788.66	3766767.00	0.00096

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364838.66	3766767.00	0.00107	364888.66	3766767.00	0.00117
364938.66	3766767.00	0.00126	364988.66	3766767.00	0.00136
365038.66	3766767.00	0.00144	365088.66	3766767.00	0.00154
365138.66	3766767.00	0.00168	365188.66	3766767.00	0.00184
365238.66	3766767.00	0.00203	365288.66	3766767.00	0.00224
365338.66	3766767.00	0.00246	365388.66	3766767.00	0.00269
365438.66	3766767.00	0.00296	365488.66	3766767.00	0.00329
365538.66	3766767.00	0.00368	365588.66	3766767.00	0.00416
365638.66	3766767.00	0.00477	365688.66	3766767.00	0.00546
365738.66	3766767.00	0.00617	365788.66	3766767.00	0.00692
365838.66	3766767.00	0.00771	365888.66	3766767.00	0.00841
365938.66	3766767.00	0.00898	365988.66	3766767.00	0.00963
366038.66	3766767.00	0.01056	366088.66	3766767.00	0.01175
366138.66	3766767.00	0.01338	366188.66	3766767.00	0.01535
366238.66	3766767.00	0.01753	366288.66	3766767.00	0.01971
366338.66	3766767.00	0.02088	366388.66	3766767.00	0.02142
366438.66	3766767.00	0.02358	366488.66	3766767.00	0.02274
366538.66	3766767.00	0.01087	364663.66	3766092.00	0.00112
364713.66	3766092.00	0.00121	364763.66	3766092.00	0.00126
364813.66	3766092.00	0.00127	364863.66	3766092.00	0.00297
364913.66	3766092.00	0.00424	364963.66	3766092.00	0.00467
365013.66	3766092.00	0.00348	365063.66	3766092.00	0.00252
365113.66	3766092.00	0.00205	365163.66	3766092.00	0.00188
365213.66	3766092.00	0.00169	365263.66	3766092.00	0.00147
365313.66	3766092.00	0.00130	365363.66	3766092.00	0.00117
365413.66	3766092.00	0.00108	365463.66	3766092.00	0.00103
365513.66	3766092.00	0.00101	365563.66	3766092.00	0.00101
365613.66	3766092.00	0.00104	365663.66	3766092.00	0.00108
365713.66	3766092.00	0.00111	365763.66	3766092.00	0.00115
365813.66	3766092.00	0.00118	365863.66	3766092.00	0.00121
365913.66	3766092.00	0.00122	365963.66	3766092.00	0.00124
366013.66	3766092.00	0.00125	366063.66	3766092.00	0.00125
366113.66	3766092.00	0.00124	366163.66	3766092.00	0.00122
366213.66	3766092.00	0.00119	366263.66	3766092.00	0.00116
366313.66	3766092.00	0.00113	366363.66	3766092.00	0.00110
366413.66	3766092.00	0.00106	366463.66	3766092.00	0.00103
366513.66	3766092.00	0.00099	366563.66	3766092.00	0.00096
364663.66	3766142.00	0.00186	366563.66	3766142.00	0.00105
364663.66	3766192.00	0.00278	366563.66	3766192.00	0.00115
364663.66	3766242.00	0.00309	366563.66	3766242.00	0.00127

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364663.66	3766292.00	0.00272	366563.66	3766292.00	0.00143
364663.66	3766342.00	0.00225	366563.66	3766342.00	0.00162
364663.66	3766392.00	0.00180	366563.66	3766392.00	0.00185
364663.66	3766442.00	0.00152	366563.66	3766442.00	0.00213
364663.66	3766492.00	0.00132	366563.66	3766492.00	0.00246
364663.66	3766542.00	0.00114	366563.66	3766542.00	0.00292
364663.66	3766592.00	0.00101	366563.66	3766592.00	0.00359
364663.66	3766642.00	0.00091	366563.66	3766642.00	0.00458
364663.66	3766692.00	0.00084	366563.66	3766692.00	0.00586
364663.66	3766742.00	0.00078	366563.66	3766742.00	0.00767
364663.66	3766792.00	0.00072	364713.66	3766792.00	0.00079
364763.66	3766792.00	0.00087	364813.66	3766792.00	0.00097
364863.66	3766792.00	0.00106	364913.66	3766792.00	0.00115
364963.66	3766792.00	0.00124	365013.66	3766792.00	0.00132
365063.66	3766792.00	0.00140	365113.66	3766792.00	0.00150
365163.66	3766792.00	0.00163	365213.66	3766792.00	0.00179
365263.66	3766792.00	0.00197	365313.66	3766792.00	0.00216
365363.66	3766792.00	0.00237	365413.66	3766792.00	0.00260
365463.66	3766792.00	0.00286	365513.66	3766792.00	0.00316
365563.66	3766792.00	0.00351	365613.66	3766792.00	0.00395
365663.66	3766792.00	0.00447	365713.66	3766792.00	0.00503
365763.66	3766792.00	0.00560	365813.66	3766792.00	0.00623
365863.66	3766792.00	0.00688	365913.66	3766792.00	0.00742
365963.66	3766792.00	0.00790	366013.66	3766792.00	0.00850
366063.66	3766792.00	0.00923	366113.66	3766792.00	0.01010
366163.66	3766792.00	0.01122	366213.66	3766792.00	0.01247
366263.66	3766792.00	0.01375	366313.66	3766792.00	0.01469
366363.66	3766792.00	0.01501	366413.66	3766792.00	0.01484
366463.66	3766792.00	0.01456	366513.66	3766792.00	0.01197
366563.66	3766792.00	0.00752	364613.66	3766042.00	0.00069
364688.66	3766042.00	0.00073	364763.66	3766042.00	0.00071
364838.66	3766042.00	0.00118	364913.66	3766042.00	0.00203
364988.66	3766042.00	0.00259	365063.66	3766042.00	0.00218
365138.66	3766042.00	0.00164	365213.66	3766042.00	0.00146
365288.66	3766042.00	0.00121	365363.66	3766042.00	0.00100
365438.66	3766042.00	0.00090	365513.66	3766042.00	0.00085
365588.66	3766042.00	0.00086	365663.66	3766042.00	0.00089
365738.66	3766042.00	0.00093	365813.66	3766042.00	0.00097
365888.66	3766042.00	0.00101	365963.66	3766042.00	0.00105
366038.66	3766042.00	0.00108	366113.66	3766042.00	0.00109

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366188.66	3766042.00	0.00108	366263.66	3766042.00	0.00105
366338.66	3766042.00	0.00101	366413.66	3766042.00	0.00096
366488.66	3766042.00	0.00092	366563.66	3766042.00	0.00088
364613.66	3766117.00	0.00124	366563.66	3766117.00	0.00100
364613.66	3766192.00	0.00203	366563.66	3766192.00	0.00115
364613.66	3766267.00	0.00216	366563.66	3766267.00	0.00135
364613.66	3766342.00	0.00181	366563.66	3766342.00	0.00162
364613.66	3766417.00	0.00142	366563.66	3766417.00	0.00198
364613.66	3766492.00	0.00117	366563.66	3766492.00	0.00246
364613.66	3766567.00	0.00099	366563.66	3766567.00	0.00322
364613.66	3766642.00	0.00085	366563.66	3766642.00	0.00458
364613.66	3766717.00	0.00075	366563.66	3766717.00	0.00688
364613.66	3766792.00	0.00067	366563.66	3766792.00	0.00752
364613.66	3766867.00	0.00060	364688.66	3766867.00	0.00067
364763.66	3766867.00	0.00077	364838.66	3766867.00	0.00089
364913.66	3766867.00	0.00100	364988.66	3766867.00	0.00110
365063.66	3766867.00	0.00119	365138.66	3766867.00	0.00130
365213.66	3766867.00	0.00145	365288.66	3766867.00	0.00164
365363.66	3766867.00	0.00188	365438.66	3766867.00	0.00215
365513.66	3766867.00	0.00244	365588.66	3766867.00	0.00279
365663.66	3766867.00	0.00321	365738.66	3766867.00	0.00366
365813.66	3766867.00	0.00415	365888.66	3766867.00	0.00472
365963.66	3766867.00	0.00523	366038.66	3766867.00	0.00574
366113.66	3766867.00	0.00624	366188.66	3766867.00	0.00678
366263.66	3766867.00	0.00736	366338.66	3766867.00	0.00766
366413.66	3766867.00	0.00762	366488.66	3766867.00	0.00695
366563.66	3766867.00	0.00567	364513.66	3765942.00	0.00037
364613.66	3765942.00	0.00039	364713.66	3765942.00	0.00037
364813.66	3765942.00	0.00052	364913.66	3765942.00	0.00087
365013.66	3765942.00	0.00113	365113.66	3765942.00	0.00130
365213.66	3765942.00	0.00108	365313.66	3765942.00	0.00095
365413.66	3765942.00	0.00079	365513.66	3765942.00	0.00069
365613.66	3765942.00	0.00068	365713.66	3765942.00	0.00069
365813.66	3765942.00	0.00070	365913.66	3765942.00	0.00073
366013.66	3765942.00	0.00078	366113.66	3765942.00	0.00082
366213.66	3765942.00	0.00084	366313.66	3765942.00	0.00083
366413.66	3765942.00	0.00080	366513.66	3765942.00	0.00076
366613.66	3765942.00	0.00072	366713.66	3765942.00	0.00068
364513.66	3766042.00	0.00062	366613.66	3766042.00	0.00085
366713.66	3766042.00	0.00080	364513.66	3766142.00	0.00107

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

Coop.POU.txt
366613.66 3766142.00 0.00101 366713.66 3766142.00 0.00092
364513.66 3766242.00 0.00136 366613.66 3766242.00 0.00121
366713.66 3766242.00 0.00107 364513.66 3766342.00 0.00125
366613.66 3766342.00 0.00150 366713.66 3766342.00 0.00129
364513.66 3766442.00 0.00105 366613.66 3766442.00 0.00192
366713.66 3766442.00 0.00158 364513.66 3766542.00 0.00086
366613.66 3766542.00 0.00256 366713.66 3766542.00 0.00195
364513.66 3766642.00 0.00073 366613.66 3766642.00 0.00358
366713.66 3766642.00 0.00249 364513.66 3766742.00 0.00063
366613.66 3766742.00 0.00494 366713.66 3766742.00 0.00297
364513.66 3766842.00 0.00055 366613.66 3766842.00 0.00479
366713.66 3766842.00 0.00291 364513.66 3766942.00 0.00048
364613.66 3766942.00 0.00054 364713.66 3766942.00 0.00063
364813.66 3766942.00 0.00076 364913.66 3766942.00 0.00088
365013.66 3766942.00 0.00098 365113.66 3766942.00 0.00107
365213.66 3766942.00 0.00119 365313.66 3766942.00 0.00138
365413.66 3766942.00 0.00165 365513.66 3766942.00 0.00195
365613.66 3766942.00 0.00229 365713.66 3766942.00 0.00263
365813.66 3766942.00 0.00301 365913.66 3766942.00 0.00346
366013.66 3766942.00 0.00393 366113.66 3766942.00 0.00435
366213.66 3766942.00 0.00469 366313.66 3766942.00 0.00495
366413.66 3766942.00 0.00500 366513.66 3766942.00 0.00460
366613.66 3766942.00 0.00382 366713.66 3766942.00 0.00284
364213.66 3765642.00 0.00014 364413.66 3765642.00 0.00015
364613.66 3765642.00 0.00013 364813.66 3765642.00 0.00021
365013.66 3765642.00 0.00033 365213.66 3765642.00 0.00039
365413.66 3765642.00 0.00046 365613.66 3765642.00 0.00046
365813.66 3765642.00 0.00043 366013.66 3765642.00 0.00043
366213.66 3765642.00 0.00046 366413.66 3765642.00 0.00048
366613.66 3765642.00 0.00046 366813.66 3765642.00 0.00043
367013.66 3765642.00 0.00039 364213.66 3765842.00 0.00023
364413.66 3765842.00 0.00024 364613.66 3765842.00 0.00025
364813.66 3765842.00 0.00036 365013.66 3765842.00 0.00066
365213.66 3765842.00 0.00082 365413.66 3765842.00 0.00069
365613.66 3765842.00 0.00058 365813.66 3765842.00 0.00057
366013.66 3765842.00 0.00061 366213.66 3765842.00 0.00067
366413.66 3765842.00 0.00066 366613.66 3765842.00 0.00061
366813.66 3765842.00 0.00056 367013.66 3765842.00 0.00049
364213.66 3766042.00 0.00041 364413.66 3766042.00 0.00054
366813.66 3766042.00 0.00073 367013.66 3766042.00 0.00060
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF CO IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
364213.66 3766242.00 0.00059 364413.66 3766242.00 0.00096
366813.66 3766242.00 0.00094 367013.66 3766242.00 0.00072
364213.66 3766442.00 0.00057 364413.66 3766442.00 0.00084
366813.66 3766442.00 0.00130 367013.66 3766442.00 0.00095
364213.66 3766642.00 0.00049 364413.66 3766642.00 0.00063
366813.66 3766642.00 0.00192 367013.66 3766642.00 0.00129
364213.66 3766842.00 0.00040 364413.66 3766842.00 0.00049
366813.66 3766842.00 0.00207 367013.66 3766842.00 0.00131
364213.66 3767042.00 0.00033 364413.66 3767042.00 0.00039
364613.66 3767042.00 0.00048 364813.66 3767042.00 0.00065
365013.66 3767042.00 0.00081 365213.66 3767042.00 0.00095
365413.66 3767042.00 0.00126 365613.66 3767042.00 0.00173
365813.66 3767042.00 0.00212 366013.66 3767042.00 0.00268
366213.66 3767042.00 0.00315 366413.66 3767042.00 0.00332
366613.66 3767042.00 0.00292 366813.66 3767042.00 0.00202
367013.66 3767042.00 0.00129 364213.66 3767242.00 0.00028
364413.66 3767242.00 0.00032 364613.66 3767242.00 0.00039
364813.66 3767242.00 0.00049 365013.66 3767242.00 0.00058
365213.66 3767242.00 0.00066 365413.66 3767242.00 0.00081
365613.66 3767242.00 0.00107 365813.66 3767242.00 0.00127
366013.66 3767242.00 0.00147 366213.66 3767242.00 0.00174
366413.66 3767242.00 0.00184 366613.66 3767242.00 0.00182
366813.66 3767242.00 0.00161 367013.66 3767242.00 0.00126
364749.41 3766145.50 0.00298 365164.66 3766254.25 0.00470
365136.59 3766369.25 0.00709 364719.78 3766265.75 0.00472
366491.12 3766752.50 0.03463 366496.31 3766728.25 0.01886
365453.47 3766452.00 0.01230 365450.00 3766474.50 0.03192
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,
*** 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)
364763.69 3766123.25 0.12282 (81061204) 364877.00 3766157.50 0.75271 (81031320)
364996.62 3766189.25 0.10981 (81091305) 365152.53 3766233.75 0.04390 (81072604)
365186.06 3766252.75 0.04437 (81071124) 364813.56 3766040.75 0.09309 (81031205)
364906.91 3766067.00 0.13673 (81110806) 365017.50 3766096.00 0.08058 (81012820)
365171.56 3766136.75 0.03586 (81111324) 364901.47 3765939.25 0.05099 (81122222)
364943.16 3765956.50 0.05357 (81032207) 365049.19 3765981.75 0.04414 (81122602)
365196.03 3766026.25 0.02828 (81050801) 365319.28 3766299.00 0.04682 (81011924)
365341.03 3766259.00 0.03784 (81122321) 365370.97 3766205.50 0.03037 (81112503)
365416.25 3766100.50 0.02210 (81020602) 365711.59 3766502.00 0.19872 (81022301)
366498.19 3766709.25 0.10459 (81110119) 365730.53 3766430.25 0.06766 (81011323)
366513.31 3766637.25 0.04718 (81110402) 365475.88 3766363.75 0.06388 (81040303)
365509.72 3766271.00 0.03738 (81122324) 365760.62 3766338.75 0.03837 (81012504)
366539.66 3766543.25 0.02664 (81120306) 364713.66 3766142.00 0.11792 (81042822)
364733.66 3766142.00 0.12971 (81111721) 364753.66 3766142.00 0.14260 (81061124)
364773.66 3766142.00 0.15567 (81020601) 364793.66 3766142.00 0.17342 (81101206)
364813.66 3766142.00 0.21641 (81112503) 364833.66 3766142.00 0.29090 (81020602)
364853.66 3766142.00 0.39939 (81020802) 364873.66 3766142.00 0.48486 (81020706)
364893.66 3766142.00 0.41602 (81010323) 364913.66 3766142.00 0.30041 (81110102)
364933.66 3766142.00 0.21947 (81020123) 364953.66 3766142.00 0.16812 (81102006)
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Coop.POU.txt
364973.66 3766142.00 0.13407 (81091306) 364993.66 3766142.00 0.11018 (81030907)
365013.66 3766142.00 0.09268 (81081604) 365033.66 3766142.00 0.07933 (81071805)
365053.66 3766142.00 0.06886 (81020224) 365073.66 3766142.00 0.06047 (81100401)
365093.66 3766142.00 0.05362 (81111101) 365113.66 3766142.00 0.04794 (81041301)
365133.66 3766142.00 0.04316 (81030824) 365153.66 3766142.00 0.03911 (81022601)
365173.66 3766142.00 0.03562 (81121422) 365193.66 3766142.00 0.03266 (81111806)
365213.66 3766142.00 0.03011 (81061505) 365233.66 3766142.00 0.02796 (81061803)
365253.66 3766142.00 0.02621 (81061803) 365273.66 3766142.00 0.02550 (81011203)
365293.66 3766142.00 0.02537 (81122006) 365313.66 3766142.00 0.02524 (81020524)
365333.66 3766142.00 0.02511 (81021002) 365353.66 3766142.00 0.02499 (81011201)
365373.66 3766142.00 0.02488 (81022803) 365393.66 3766142.00 0.02478 (81012102)
365413.66 3766142.00 0.02468 (81112922) 365433.66 3766142.00 0.02457 (81122324)
365453.66 3766142.00 0.02445 (81031404) 365473.66 3766142.00 0.02429 (81012024)
365493.66 3766142.00 0.02406 (81020804) 365513.66 3766142.00 0.02402 (81050804)
365533.66 3766142.00 0.02372 (81111906) 365553.66 3766142.00 0.02361 (81031205)
365573.66 3766142.00 0.02322 (81031205) 365593.66 3766142.00 0.02321 (81020206)
365613.66 3766142.00 0.02298 (81122804) 365633.66 3766142.00 0.02274 (81090306)
365653.66 3766142.00 0.02249 (81042803) 365673.66 3766142.00 0.02223 (81121124)
365693.66 3766142.00 0.02197 (81112704) 365713.66 3766142.00 0.02171 (81080105)
365733.66 3766142.00 0.02145 (81011001) 365753.66 3766142.00 0.02119 (81042021)
365773.66 3766142.00 0.02093 (81121401) 365793.66 3766142.00 0.02066 (81110806)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365813.66	3766142.00	0.02041	(81040304)	365833.66	3766142.00	0.02015	(81010905)
365853.66	3766142.00	0.01988	(81012023)	365873.66	3766142.00	0.01962	(81032022)
365893.66	3766142.00	0.01935	(81011224)	365913.66	3766142.00	0.01909	(81013120)
365933.66	3766142.00	0.01882	(81052006)	365953.66	3766142.00	0.01855	(81022420)
365973.66	3766142.00	0.01828	(81110921)	365993.66	3766142.00	0.01802	(81122602)
366013.66	3766142.00	0.01774	(81111803)	366033.66	3766142.00	0.01748	(81092504)
366053.66	3766142.00	0.01722	(81122320)	366073.66	3766142.00	0.01695	(81012501)
366093.66	3766142.00	0.01669	(81092502)	366113.66	3766142.00	0.01643	(81122822)
366133.66	3766142.00	0.01618	(81010901)	366153.66	3766142.00	0.01593	(81022304)
366173.66	3766142.00	0.01569	(81121123)	366193.66	3766142.00	0.01545	(81061802)
366213.66	3766142.00	0.01521	(81021803)	366233.66	3766142.00	0.01498	(81101504)
366253.66	3766142.00	0.01476	(81092005)	366273.66	3766142.00	0.01453	(81052203)
366293.66	3766142.00	0.01432	(81020120)	366313.66	3766142.00	0.01411	(81112001)
366333.66	3766142.00	0.01391	(81040102)	366353.66	3766142.00	0.01371	(81112023)
366373.66	3766142.00	0.01352	(81102301)	366393.66	3766142.00	0.01333	(81091306)
366413.66	3766142.00	0.01315	(81050801)	366433.66	3766142.00	0.01297	(81020423)
366453.66	3766142.00	0.01279	(81010921)	366473.66	3766142.00	0.01262	(81022201)
366493.66	3766142.00	0.01245	(81111723)	366513.66	3766162.00	0.01195	(81070324)
366473.66	3766162.00	0.13641	(81070324)	366553.66	3766162.00	0.15695	(81012706)
366473.66	3766162.00	0.18477	(81082024)	366593.66	3766162.00	0.21860	(81021003)
3664813.66	3766162.00	0.26230	(81112919)	366633.66	3766162.00	0.36042	(81022805)
3664853.66	3766162.00	0.60459	(81050804)	366673.66	3766162.00	0.90425	(81012402)
3664893.66	3766162.00	0.57251	(81011207)	366713.66	3766162.00	0.34036	(81102202)
3664933.66	3766162.00	0.23378	(81022507)	366753.66	3766162.00	0.17506	(81103103)
3664973.66	3766162.00	0.13812	(81071805)	366793.66	3766162.00	0.11288	(81031502)
365013.66	3766162.00	0.09459	(81111101)	365033.66	3766162.00	0.08076	(81051802)
365053.66	3766162.00	0.06998	(81111324)	365073.66	3766162.00	0.06133	(81103106)
365093.66	3766162.00	0.05434	(81101702)	365113.66	3766162.00	0.04853	(81030221)
365133.66	3766162.00	0.04366	(81072622)	365153.66	3766162.00	0.03952	(81031022)
365173.66	3766162.00	0.03600	(81050901)	365193.66	3766162.00	0.03299	(81071924)
365213.66	3766162.00	0.03047	(81072104)	365233.66	3766162.00	0.02840	(81072104)
365253.66	3766162.00	0.02733	(81030605)	365273.66	3766162.00	0.02713	(81011205)
365293.66	3766162.00	0.02690	(81011203)	365313.66	3766162.00	0.02676	(81122006)
365333.66	3766162.00	0.02664	(81112503)	365353.66	3766162.00	0.02650	(81021002)
365373.66	3766162.00	0.02638	(81011201)	365393.66	3766162.00	0.02627	(81100903)
365413.66	3766162.00	0.02615	(81011905)	365433.66	3766162.00	0.02596	(81112922)
365453.66	3766162.00	0.02590	(81020602)	365473.66	3766162.00	0.02570	(81031404)
365493.66	3766162.00	0.02560	(81020804)	365513.66	3766162.00	0.02531	(81050804)
365533.66	3766162.00	0.02520	(81111906)	365553.66	3766162.00	0.02485	(81031205)
365573.66	3766162.00	0.02467	(81031205)	365593.66	3766162.00	0.02451	(81020802)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365613.66	3766162.00	0.02423	(81122804)	365633.66	3766162.00	0.02396	(81113024)
365653.66	3766162.00	0.02368	(81122904)	365673.66	3766162.00	0.02339	(81121124)
365693.66	3766162.00	0.02310	(81112704)	365713.66	3766162.00	0.02281	(81080105)
365733.66	3766162.00	0.02251	(81112904)	365753.66	3766162.00	0.02222	(81101524)
365773.66	3766162.00	0.02194	(81121106)	365793.66	3766162.00	0.02165	(81020924)
365813.66	3766162.00	0.02136	(81103007)	365833.66	3766162.00	0.02107	(81120823)
365853.66	3766162.00	0.02079	(81010323)	365873.66	3766162.00	0.02050	(81040405)
365893.66	3766162.00	0.02021	(81021801)	365913.66	3766162.00	0.01992	(81122624)
365933.66	3766162.00	0.01962	(81041024)	365953.66	3766162.00	0.01933	(81020207)
365973.66	3766162.00	0.01904	(81100806)	365993.66	3766162.00	0.01874	(81050605)
366013.66	3766162.00	0.01845	(81092504)	366033.66	3766162.00	0.01816	(81122320)
366053.66	3766162.00	0.01787	(81080301)	366073.66	3766162.00	0.01758	(81110305)
366093.66	3766162.00	0.01730	(81042004)	366113.66	3766162.00	0.01702	(81100824)
366133.66	3766162.00	0.01674	(81110923)	366153.66	3766162.00	0.01647	(81110703)
366173.66	3766162.00	0.01621	(81021207)	366193.66	3766162.00	0.01595	(81012820)
366213.66	3766162.00	0.01569	(81020322)	366233.66	3766162.00	0.01544	(81032301)
366253.66	3766162.00	0.01520	(81061003)	366273.66	3766162.00	0.01497	(81110101)
366293.66	3766162.00	0.01474	(81110207)	366313.66	3766162.00	0.01452	(81112023)
366333.66	3766162.00	0.01430	(81102301)	366353.66	3766162.00	0.01409	(81091306)
366373.66	3766162.00	0.01389	(81050801)	366393.66	3766162.00	0.01369	(81020423)
366413.66	3766162.00	0.01349	(81010921)	366433.66	3766162.00	0.01330	(81050401)
366453.66	3766162.00	0.01311	(81102722)	366473.66	3766162.00	0.01293	(81022223)
366493.66	3766162.00	0.01276	(81020503)	366513.66	3766182.00	0.11168	(81111022)
366473.66	3766182.00	0.12874	(81082001)	366553.66	3766182.00	0.15098	(81082001)
366473.66	3766182.00	0.18272	(81122522)	366593.66	3766182.00	0.23299	(81070324)

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Coop.POU.txt
364813.66 3766182.00 0.31690 (81012706) 364833.66 3766182.00 0.46478 (81111120)
364853.66 3766182.00 0.79461 (81110308) 364873.66 3766182.00 0.95570 (81050602)
364893.66 3766182.00 0.60677 (81100424) 364913.66 3766182.00 0.34245 (81100103)
364933.66 3766182.00 0.23469 (81051802) 364953.66 3766182.00 0.17558 (81103106)
364973.66 3766182.00 0.13852 (81061803) 364993.66 3766182.00 0.11324 (81062602)
365013.66 3766182.00 0.09494 (81050901) 365033.66 3766182.00 0.08111 (81072104)
365053.66 3766182.00 0.07031 (81122704) 365073.66 3766182.00 0.06166 (81020401)
365093.66 3766182.00 0.05461 (81091305) 365113.66 3766182.00 0.04877 (81112120)
365133.66 3766182.00 0.04387 (81033123) 365153.66 3766182.00 0.03973 (81091724)
365173.66 3766182.00 0.03622 (81031623) 365193.66 3766182.00 0.03328 (81080223)
365213.66 3766182.00 0.03090 (81080223) 365233.66 3766182.00 0.02936 (81101206)
365253.66 3766182.00 0.02914 (81122321) 365273.66 3766182.00 0.02896 (81030605)
365293.66 3766182.00 0.02874 (81011205) 365313.66 3766182.00 0.02849 (81011203)
365333.66 3766182.00 0.02835 (81070401) 365353.66 3766182.00 0.02821 (81010806)
365373.66 3766182.00 0.02805 (81101901) 365393.66 3766182.00 0.02790 (81011201)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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***MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365413.66	3766182.00	0.02780	(81052106)	365433.66	3766182.00	0.02766	(81030122)
365453.66	3766182.00	0.02752	(81122324)	365473.66	3766182.00	0.02736	(81031404)
365493.66	3766182.00	0.02717	(81012024)	365513.66	3766182.00	0.02681	(81020804)
365533.66	3766182.00	0.02675	(81050804)	365553.66	3766182.00	0.02618	(81111906)
365573.66	3766182.00	0.02623	(81031205)	365593.66	3766182.00	0.02592	(81020802)
365613.66	3766182.00	0.02564	(81121505)	365633.66	3766182.00	0.02531	(81113024)
365653.66	3766182.00	0.02499	(81031504)	365673.66	3766182.00	0.02466	(81121124)
365693.66	3766182.00	0.02433	(81112704)	365713.66	3766182.00	0.02401	(81112924)
365733.66	3766182.00	0.02368	(81110302)	365753.66	3766182.00	0.02336	(81031406)
365773.66	3766182.00	0.02304	(81110707)	365793.66	3766182.00	0.02272	(81011022)
365813.66	3766182.00	0.02240	(81050602)	365833.66	3766182.00	0.02209	(81022207)
365853.66	3766182.00	0.02177	(81032022)	365873.66	3766182.00	0.02146	(81100902)
365893.66	3766182.00	0.02114	(81022023)	365913.66	3766182.00	0.02082	(81101623)
365933.66	3766182.00	0.02050	(81051801)	365953.66	3766182.00	0.02018	(81050406)
365973.66	3766182.00	0.01985	(81050605)	365993.66	3766182.00	0.01953	(81100501)
366013.66	3766182.00	0.01921	(81010324)	366033.66	3766182.00	0.01889	(81042707)
366053.66	3766182.00	0.01857	(81112022)	366073.66	3766182.00	0.01826	(81110222)
366093.66	3766182.00	0.01794	(81121820)	366113.66	3766182.00	0.01764	(81051005)
366133.66	3766182.00	0.01734	(81102202)	366153.66	3766182.00	0.01705	(81120423)
366173.66	3766182.00	0.01676	(81101504)	366193.66	3766182.00	0.01648	(81102006)
366213.66	3766182.00	0.01620	(81052203)	366233.66	3766182.00	0.01594	(81110904)
366253.66	3766182.00	0.01568	(81101723)	366273.66	3766182.00	0.01542	(81080206)
366293.66	3766182.00	0.01518	(81111624)	366313.66	3766182.00	0.01494	(81091306)
366333.66	3766182.00	0.01471	(81050801)	366353.66	3766182.00	0.01449	(81032302)
366373.66	3766182.00	0.01427	(81052303)	366393.66	3766182.00	0.01406	(81050401)
366413.66	3766182.00	0.01385	(81030806)	366433.66	3766182.00	0.01365	(81030907)
366453.66	3766182.00	0.01345	(81020503)	366473.66	3766182.00	0.01326	(81122506)
366493.66	3766182.00	0.01307	(81103023)	366513.66	3766202.00	0.00986	(81042821)
366533.66	3766202.00	0.11420	(81042821)	366553.66	3766202.00	0.13386	(81101921)
366573.66	3766202.00	0.16494	(81112423)	366593.66	3766202.00	0.21620	(81032802)
366613.66	3766202.00	0.30996	(81090305)	366633.66	3766202.00	0.52498	(81030305)
366653.66	3766202.00	0.78664	(81031523)	366673.66	3766202.00	0.61267	(81041020)
366693.66	3766202.00	0.56360	(81011424)	366713.66	3766202.00	0.32971	(81091422)
366733.66	3766202.00	0.22819	(81020805)	366753.66	3766202.00	0.17168	(81042122)
366773.66	3766202.00	0.13604	(81111819)	366793.66	3766202.00	0.11165	(81122903)
366813.66	3766202.00	0.09392	(81121902)	366833.66	3766202.00	0.08046	(81080306)
366853.66	3766202.00	0.06989	(81082102)	366873.66	3766202.00	0.06140	(81082102)
366893.66	3766202.00	0.05444	(81022307)	366913.66	3766202.00	0.04867	(81022307)
366933.66	3766202.00	0.04385	(81022307)	366953.66	3766202.00	0.03981	(81110204)
366973.66	3766202.00	0.03647	(81070504)	366993.66	3766202.00	0.03380	(81070504)

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***MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365213.66	3766202.00	0.03183	(81071322)	365233.66	3766202.00	0.03154	(81042007)
365253.66	3766202.00	0.03124	(81101206)	365273.66	3766202.00	0.03102	(81032003)
365293.66	3766202.00	0.03080	(81030605)	365313.66	3766202.00	0.03056	(81011205)
365333.66	3766202.00	0.03029	(81011202)	365353.66	3766202.00	0.03015	(81070401)
365373.66	3766202.00	0.02998	(81040306)	365393.66	3766202.00	0.02983	(81101901)
365413.66	3766202.00	0.02969	(81022803)	365433.66	3766202.00	0.02953	(81052106)
365453.66	3766202.00	0.02938	(81112922)	365473.66	3766202.00	0.02920	(81020602)
365493.66	3766202.00	0.02896	(81031404)	365513.66	3766202.00	0.02877	(81020804)
365533.66	3766202.00	0.02848	(81050804)	365553.66	3766202.00	0.02811	(81111906)
365573.66	3766202.00	0.02790	(81031205)	365593.66	3766202.00	0.02746	(81020802)
365613.66	3766202.00	0.02720	(81120104)	365633.66	3766202.00	0.02683	(81050604)
365653.66	3766202.00	0.02646	(81021105)	365673.66	3766202.00	0.02608	(81103107)
365693.66	3766202.00	0.02570	(81121904)	365713.66	3766202.00	0.02533	(81020706)
365733.66	3766202.00	0.02497	(81012402)	365753.66	3766202.00	0.02461	(81080104)
365773.66	3766202.00	0.02425	(81110806)	365793.66	3766202.00	0.02390	(81010705)
365813.66	3766202.00	0.02355	(81022603)	365833.66	3766202.00	0.02321	(81091602)
365853.66	3766202.00	0.02286	(81122806)	365873.66	3766202.00	0.02251	(81022605)
365893.66	3766202.00	0.02216	(81012424)	365913.66	3766202.00	0.02181	(81100503)
365933.66	3766202.00	0.02145	(81051601)	365953.66	3766202.00	0.02110	(81040101)
365973.66	3766202.00	0.02074	(81022119)	365993.66	3766202.00	0.02038	(81113019)
366013.66	3766202.00	0.02003	(81032403)	366033.66	3766202.00	0.01968	(81010423)
366053.66	3766202.00	0.01933	(81011119)	366073.66	3766202.00	0.01898	(81032503)
366093.66	3766202.00	0.01864	(81050805)	366113.66	3766202.00	0.01831	(81022122)
366133.66	3766202.00	0.01798	(81022120)	366153.66	3766202.00	0.01766	(81020322)
366173.66	3766202.00	0.01735	(81030802)	366193.66	3766202.00	0.01704	(81020120)
366213.66	3766202.00	0.01675	(81101704)	366233.66	3766202.00	0.01646	(81080206)
366253.66	3766202.00	0.01618	(81111624)	366273.66	3766202.00	0.01591	(81091306)
366293.66	3766202.00	0.01565	(81050801)	366313.66	3766202.00	0.01540	(81102007)
366333.66	3766202.00	0.01515	(81052303)	366353.66	3766202.00	0.01491	(81050403)
366373.66	3766202.00	0.01468	(81121224)	366393.66	3766202.00	0.01445	(81020503)
366413.66	3766202.00	0.01423	(81061605)	366433.66	3766202.00	0.01402	(81030721)

Coop.POU.txt
366453.66 3766202.00 0.01381 (81031023) 366473.66 3766202.00 0.01361 (81011308)
366493.66 3766202.00 0.01341 (81050824) 364713.66 3766222.00 0.09476 (81061123)
364733.66 3766222.00 0.11051 (81100102) 364753.66 3766222.00 0.13314 (81012019)
364773.66 3766222.00 0.16709 (81040603) 364793.66 3766222.00 0.22213 (81042224)
364813.66 3766222.00 0.32468 (81051621) 364833.66 3766222.00 0.54127 (81032806)
364853.66 3766222.00 0.65606 (81101006) 364873.66 3766222.00 0.74546 (81032601)
364893.66 3766222.00 0.52877 (81102701) 364913.66 3766222.00 0.30969 (81090222)
364933.66 3766222.00 0.21636 (81040920) 364953.66 3766222.00 0.16439 (81121221)
364973.66 3766222.00 0.13134 (81092402) 364993.66 3766222.00 0.10851 (81012701)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365013.66	3766222.00	0.09177	(81122521)	365033.66	3766222.00	0.07895	(81010823)
365053.66	3766222.00	0.06881	(81012819)	365073.66	3766222.00	0.06065	(81112702)
365093.66	3766222.00	0.05404	(81091422)	365113.66	3766222.00	0.04863	(81060323)
365133.66	3766222.00	0.04433	(81012620)	365153.66	3766222.00	0.04072	(81020805)
365173.66	3766222.00	0.03786	(81061523)	365193.66	3766222.00	0.03571	(81090224)
365213.66	3766222.00	0.03453	(81061424)	365233.66	3766222.00	0.03401	(81111008)
365253.66	3766222.00	0.03378	(81042007)	365273.66	3766222.00	0.03336	(81101206)
365293.66	3766222.00	0.03319	(81032003)	365313.66	3766222.00	0.03290	(81110108)
365333.66	3766222.00	0.03264	(81011205)	365353.66	3766222.00	0.03235	(81011202)
365373.66	3766222.00	0.03220	(81070401)	365393.66	3766222.00	0.03202	(81040306)
365413.66	3766222.00	0.03184	(81101901)	365433.66	3766222.00	0.03168	(81022522)
365453.66	3766222.00	0.03151	(81011905)	365473.66	3766222.00	0.03122	(81122324)
365493.66	3766222.00	0.03107	(81042723)	365513.66	3766222.00	0.03079	(81012024)
365533.66	3766222.00	0.03025	(81050804)	365553.66	3766222.00	0.03017	(81111906)
365573.66	3766222.00	0.02970	(81031205)	365593.66	3766222.00	0.02918	(81031205)
365613.66	3766222.00	0.02897	(81031506)	365633.66	3766222.00	0.02854	(81050604)
365653.66	3766222.00	0.02810	(81022804)	365673.66	3766222.00	0.02766	(81103107)
365693.66	3766222.00	0.02723	(81050803)	365713.66	3766222.00	0.02681	(81122302)
365733.66	3766222.00	0.02639	(81012402)	365753.66	3766222.00	0.02599	(81121401)
365773.66	3766222.00	0.02560	(81020924)	365793.66	3766222.00	0.02521	(81011403)
365813.66	3766222.00	0.02482	(81012504)	365833.66	3766222.00	0.02444	(81032803)
365853.66	3766222.00	0.02405	(81110208)	365873.66	3766222.00	0.02367	(81112520)
365893.66	3766222.00	0.02328	(81091407)	365913.66	3766222.00	0.02289	(81091906)
365933.66	3766222.00	0.02250	(81101424)	365953.66	3766222.00	0.02211	(81121922)
365973.66	3766222.00	0.02171	(81011223)	365993.66	3766222.00	0.02132	(81120108)
366013.66	3766222.00	0.02092	(81100106)	366033.66	3766222.00	0.02053	(81050907)
366053.66	3766222.00	0.02015	(81022304)	366073.66	3766222.00	0.01977	(81110703)
366093.66	3766222.00	0.01940	(81121403)	366113.66	3766222.00	0.01903	(81012405)
366133.66	3766222.00	0.01867	(81102006)	366153.66	3766222.00	0.01832	(81010522)
366173.66	3766222.00	0.01798	(81100502)	366193.66	3766222.00	0.01765	(81040102)
366213.66	3766222.00	0.01733	(81013118)	366233.66	3766222.00	0.01702	(81091306)
366253.66	3766222.00	0.01672	(81050801)	366273.66	3766222.00	0.01643	(81100606)
366293.66	3766222.00	0.01615	(81033101)	366313.66	3766222.00	0.01587	(81111723)
366333.66	3766222.00	0.01561	(81022223)	366353.66	3766222.00	0.01536	(81020503)
366373.66	3766222.00	0.01511	(81111522)	366393.66	3766222.00	0.01487	(81103023)
366413.66	3766222.00	0.01464	(81011804)	366433.66	3766222.00	0.01441	(81100121)
366453.66	3766222.00	0.01419	(81081604)	366473.66	3766222.00	0.01397	(81040420)
366493.66	3766222.00	0.01376	(81122622)	364713.66	3766242.00	0.09363	(81070403)
364733.66	3766242.00	0.11046	(81070802)	364753.66	3766242.00	0.13388	(81031806)
364773.66	3766242.00	0.16832	(81111401)	364793.66	3766242.00	0.22364	(81011009)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
364813.66	3766242.00	0.32842	(81061602)	364833.66	3766242.00	0.51157	(81090304)
364853.66	3766242.00	0.62894	(81031522)	364873.66	3766242.00	0.58831	(81101519)
364893.66	3766242.00	0.42084	(81010608)	364913.66	3766242.00	0.27347	(81011702)
364933.66	3766242.00	0.19881	(81021802)	364953.66	3766242.00	0.15427	(81092801)
364973.66	3766242.00	0.12491	(81111621)	364993.66	3766242.00	0.10416	(81082523)
365013.66	3766242.00	0.08871	(81012607)	365033.66	3766242.00	0.07674	(81052002)
365053.66	3766242.00	0.06752	(81031305)	365073.66	3766242.00	0.06338	(81121406)
365093.66	3766242.00	0.05763	(81050724)	365113.66	3766242.00	0.05505	(81030121)
365133.66	3766242.00	0.05403	(81072204)	365153.66	3766242.00	0.04726	(81071124)
365173.66	3766242.00	0.04314	(81072604)	365193.66	3766242.00	0.04068	(81062503)
365213.66	3766242.00	0.03931	(81061523)	365233.66	3766242.00	0.03812	(81061523)
365253.66	3766242.00	0.03695	(81061523)	365273.66	3766242.00	0.03633	(81042007)
365293.66	3766242.00	0.03589	(81042007)	365313.66	3766242.00	0.03567	(81032003)
365333.66	3766242.00	0.03533	(81110108)	365353.66	3766242.00	0.03502	(81011205)
365373.66	3766242.00	0.03472	(81011202)	365393.66	3766242.00	0.03455	(81070401)
365413.66	3766242.00	0.03433	(81040306)	365433.66	3766242.00	0.03415	(81011201)
365453.66	3766242.00	0.03396	(81122001)	365473.66	3766242.00	0.03371	(81112922)
365493.66	3766242.00	0.03347	(81122324)	365513.66	3766242.00	0.03313	(81031404)
365533.66	3766242.00	0.03278	(81020804)	365553.66	3766242.00	0.03240	(81050804)
365573.66	3766242.00	0.03166	(81031205)	365593.66	3766242.00	0.03141	(81031205)
365613.66	3766242.00	0.03097	(81020206)	365633.66	3766242.00	0.03046	(81020603)
365653.66	3766242.00	0.02995	(81020806)	365673.66	3766242.00	0.02944	(81103107)
365693.66	3766242.00	0.02894	(81112123)	365713.66	3766242.00	0.02846	(81122222)
365733.66	3766242.00	0.02799	(81042021)	365753.66	3766242.00	0.02754	(81101503)
365773.66	3766242.00	0.02710	(81011022)	365793.66	3766242.00	0.02666	(81060406)
365813.66	3766242.00	0.02623	(81031024)	365833.66	3766242.00	0.02581	(81020604)
365853.66	3766242.00	0.02538	(81013120)	365873.66	3766242.00	0.02496	(81101623)
365893.66	3766242.00	0.02453	(81020207)	365913.66	3766242.00	0.02409	(81082103)
365933.66	3766242.00	0.02365	(81022620)	365953.66	3766242.00	0.02322	(81101722)
365973.66	3766242.00	0.02278	(81120108)	365993.66	3766242.00	0.02234	(81020923)
366013.66	3766242.00	0.02190	(81030906)	366033.66	3766242.00	0.02147	(81110923)
366053.66	3766242.00	0.02104	(81011222)	366073.66	3766242.00	0.02062	(81021803)
366093.66	3766242.00	0.02021	(81012822)	366113.66	3766242.00	0.01980	(81030802)
366133.66	3766242.00	0.01941	(81110904)	366153.66	3766242.00	0.01903	(81110207)
366173.66	3766242.00	0.01865	(81013118)	366193.66	3766242.00	0.01829	(81061422)
366213.66	3766242.00	0.01795	(81050801)	366233.66	3766242.00	0.01761	(81101802)
366253.66	3766242.00	0.01729	(81100424)	366273.66	3766242.00	0.01697	(81102722)

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366293.66 3766242.00 0.01667 (81030907) 366313.66 3766242.00 0.01638 (81021407)
366333.66 3766242.00 0.01610 (81010822) 366353.66 3766242.00 0.01583 (81031023)
366373.66 3766242.00 0.01557 (81071406) 366393.66 3766242.00 0.01531 (81101302)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
366413.66 3766242.00 0.01506 (81040420) 366433.66 3766242.00 0.01482 (81122622)
366453.66 3766242.00 0.01458 (81030220) 366473.66 3766242.00 0.01436 (81031307)
366493.66 3766242.00 0.01413 (81022621) 364713.66 3766262.00 0.09285 (81122807)
364733.66 3766262.00 0.10998 (81111401) 364753.66 3766262.00 0.13354 (81032323)
364773.66 3766262.00 0.16800 (81092724) 364793.66 3766262.00 0.22408 (81022308)
364813.66 3766262.00 0.33623 (81040605) 364833.66 3766262.00 0.53730 (81040301)
364853.66 3766262.00 0.52412 (81012224) 364873.66 3766262.00 0.46495 (81120102)
364893.66 3766262.00 0.32681 (81032824) 364913.66 3766262.00 0.23407 (81091820)
364933.66 3766262.00 0.17851 (81050722) 364953.66 3766262.00 0.14236 (81032123)
364973.66 3766262.00 0.11726 (81020223) 364993.66 3766262.00 0.09893 (81012323)
365013.66 3766262.00 0.08496 (81010421) 365033.66 3766262.00 0.07937 (81071724)
365053.66 3766262.00 0.07233 (81081404) 365073.66 3766262.00 0.07410 (81050719)
365093.66 3766262.00 0.06588 (81090501) 365113.66 3766262.00 0.06641 (81110801)
365133.66 3766262.00 0.05880 (81072006) 365153.66 3766262.00 0.05252 (81091823)
365173.66 3766262.00 0.04812 (81110119) 365193.66 3766262.00 0.04514 (81080902)
365213.66 3766262.00 0.04306 (81080324) 365233.66 3766262.00 0.04128 (81071124)
365253.66 3766262.00 0.03997 (81040607) 365273.66 3766262.00 0.03971 (81030604)
365293.66 3766262.00 0.03932 (81111008) 365313.66 3766262.00 0.03890 (81042007)
365333.66 3766262.00 0.03854 (81101206) 365353.66 3766262.00 0.03816 (81110108)
365373.66 3766262.00 0.03780 (81011205) 365393.66 3766262.00 0.03748 (81011202)
365413.66 3766262.00 0.03728 (81070401) 365433.66 3766262.00 0.03705 (81021002)
365453.66 3766262.00 0.03681 (81011201) 365473.66 3766262.00 0.03656 (81052106)
365493.66 3766262.00 0.03624 (81112922) 365513.66 3766262.00 0.03591 (81042723)
365533.66 3766262.00 0.03547 (81012024) 365553.66 3766262.00 0.03488 (81050804)
365573.66 3766262.00 0.03438 (81111906) 365593.66 3766262.00 0.03389 (81031205)
365613.66 3766262.00 0.03328 (81020802) 365633.66 3766262.00 0.03267 (81010203)
365653.66 3766262.00 0.03206 (81020806) 365673.66 3766262.00 0.03146 (81103107)
365693.66 3766262.00 0.03088 (81112123) 365713.66 3766262.00 0.03032 (81113021)
365733.66 3766262.00 0.02979 (81041206) 365753.66 3766262.00 0.02928 (81110806)
365773.66 3766262.00 0.02878 (81110903) 365793.66 3766262.00 0.02829 (81101622)
365813.66 3766262.00 0.02782 (81032803) 365833.66 3766262.00 0.02734 (81021801)
365853.66 3766262.00 0.02687 (81111724) 365873.66 3766262.00 0.02639 (81011323)
365893.66 3766262.00 0.02591 (81100806) 365913.66 3766262.00 0.02542 (81101223)
365933.66 3766262.00 0.02493 (81040106) 365953.66 3766262.00 0.02444 (81120108)
365973.66 3766262.00 0.02395 (81042006) 365993.66 3766262.00 0.02346 (81100824)
366013.66 3766262.00 0.02297 (81051005) 366033.66 3766262.00 0.02248 (81022122)
366053.66 3766262.00 0.02201 (81080303) 366073.66 3766262.00 0.02154 (81102006)
366093.66 3766262.00 0.02108 (81101719) 366113.66 3766262.00 0.02064 (81032024)
366133.66 3766262.00 0.02020 (81112023) 366153.66 3766262.00 0.01978 (81061422)
366173.66 3766262.00 0.01938 (81050801) 366193.66 3766262.00 0.01899 (81110303)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
366213.66 3766262.00 0.01861 (81050401) 366233.66 3766262.00 0.01824 (81030806)
366253.66 3766262.00 0.01789 (81020503) 366273.66 3766262.00 0.01756 (81120119)
366293.66 3766262.00 0.01723 (81021605) 366313.66 3766262.00 0.01692 (81050606)
366333.66 3766262.00 0.01662 (81050824) 366353.66 3766262.00 0.01633 (81041204)
366373.66 3766262.00 0.01605 (81032006) 366393.66 3766262.00 0.01578 (81022706)
366413.66 3766262.00 0.01551 (81031307) 366433.66 3766262.00 0.01525 (81022621)
366453.66 3766262.00 0.01500 (81071805) 366473.66 3766262.00 0.01476 (81110802)
366493.66 3766262.00 0.01453 (81122701) 364713.66 3766282.00 0.09123 (81082122)
364733.66 3766282.00 0.10799 (81042103) 364753.66 3766282.00 0.13089 (81111823)
364773.66 3766282.00 0.16400 (81011619) 364793.66 3766282.00 0.21551 (81011519)
364813.66 3766282.00 0.29852 (81030905) 364833.66 3766282.00 0.39469 (81100122)
364853.66 3766282.00 0.41589 (81021505) 364873.66 3766282.00 0.32995 (81032221)
364893.66 3766282.00 0.25416 (81100203) 364913.66 3766282.00 0.19819 (81022501)
364933.66 3766282.00 0.15827 (81042920) 364953.66 3766282.00 0.12982 (81040919)
364973.66 3766282.00 0.10894 (81040406) 364993.66 3766282.00 0.09309 (81020921)
365013.66 3766282.00 0.08070 (81102521) 365033.66 3766282.00 0.07332 (81032121)
365053.66 3766282.00 0.07039 (81022404) 365073.66 3766282.00 0.07040 (81090902)
365093.66 3766282.00 0.06420 (81071724) 365113.66 3766282.00 0.05889 (81082523)
365133.66 3766282.00 0.05495 (81061423) 365153.66 3766282.00 0.05161 (81062502)
365173.66 3766282.00 0.04923 (81071503) 365193.66 3766282.00 0.04697 (81100822)
365213.66 3766282.00 0.04508 (81072006) 365233.66 3766282.00 0.04377 (81020601)
365253.66 3766282.00 0.04385 (81011604) 365273.66 3766282.00 0.04368 (81012104)
365293.66 3766282.00 0.04337 (81011924) 365313.66 3766282.00 0.04292 (81111008)
365333.66 3766282.00 0.04241 (81042007) 365353.66 3766282.00 0.04191 (81101206)
365373.66 3766282.00 0.04149 (81122321) 365393.66 3766282.00 0.04107 (81011205)
365413.66 3766282.00 0.04073 (81011202) 365433.66 3766282.00 0.04049 (81022805)
365453.66 3766282.00 0.04021 (81021002) 365473.66 3766282.00 0.03991 (81022803)
365493.66 3766282.00 0.03957 (81011905) 365513.66 3766282.00 0.03914 (81122324)
365533.66 3766282.00 0.03863 (81031404) 365553.66 3766282.00 0.03800 (81020804)
365573.66 3766282.00 0.03741 (81111906) 365593.66 3766282.00 0.03667 (81031205)
365613.66 3766282.00 0.03593 (81020802) 365633.66 3766282.00 0.03522 (81122804)
365653.66 3766282.00 0.03448 (81022607) 365673.66 3766282.00 0.03377 (81103107)
365693.66 3766282.00 0.03309 (81120121) 365713.66 3766282.00 0.03245 (81112904)
365733.66 3766282.00 0.03183 (81080104) 365753.66 3766282.00 0.03125 (81032207)
365773.66 3766282.00 0.03068 (81050602) 365793.66 3766282.00 0.03014 (81011101)
365813.66 3766282.00 0.02960 (81070105) 365833.66 3766282.00 0.02907 (81022023)
365853.66 3766282.00 0.02854 (81091407) 365873.66 3766282.00 0.02800 (81012922)
365893.66 3766282.00 0.02746 (81111803) 365913.66 3766282.00 0.02691 (81041302)
365933.66 3766282.00 0.02636 (81110123) 365953.66 3766282.00 0.02580 (81032021)
365973.66 3766282.00 0.02524 (81121820) 365993.66 3766282.00 0.02469 (81121123)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT Coop.POU.txt

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
366013.66	3766282.00	0.02414	(81101403)	366033.66	3766282.00	0.02360	(81052205)
366053.66	3766282.00	0.02306	(81052203)	366073.66	3766282.00	0.02254	(81110101)
366093.66	3766282.00	0.02204	(81080206)	366113.66	3766282.00	0.02154	(81050903)
366133.66	3766282.00	0.02106	(81050801)	366153.66	3766282.00	0.02060	(81101002)
366173.66	3766282.00	0.02016	(81050401)	366193.66	3766282.00	0.01973	(81121224)
366213.66	3766282.00	0.01932	(81020503)	366233.66	3766282.00	0.01892	(81022622)
366253.66	3766282.00	0.01855	(81021223)	366273.66	3766282.00	0.01818	(81100805)
366293.66	3766282.00	0.01784	(81081604)	366313.66	3766282.00	0.01750	(81032006)
366333.66	3766282.00	0.01718	(81022706)	366353.66	3766282.00	0.01687	(81031307)
366373.66	3766282.00	0.01657	(81022621)	366393.66	3766282.00	0.01627	(81071805)
366413.66	3766282.00	0.01599	(81022301)	366433.66	3766282.00	0.01572	(81061504)
366453.66	3766282.00	0.01545	(81050702)	366473.66	3766282.00	0.01519	(81020224)
366493.66	3766282.00	0.01494	(81100103)	366513.66	3766302.00	0.08826	(81032523)
366533.66	3766302.00	0.10387	(81081101)	366553.66	3766302.00	0.12462	(81030323)
366573.66	3766302.00	0.15298	(81011519)	366593.66	3766302.00	0.19192	(81051824)
366613.66	3766302.00	0.23973	(81082520)	366633.66	3766302.00	0.27882	(81021408)
366653.66	3766302.00	0.28109	(81012522)	366673.66	3766302.00	0.24479	(81042706)
366693.66	3766302.00	0.20270	(81121918)	366713.66	3766302.00	0.16739	(81021419)
366733.66	3766302.00	0.13924	(81083124)	366753.66	3766302.00	0.11737	(81043024)
366773.66	3766302.00	0.10036	(81040919)	366793.66	3766302.00	0.08691	(81070702)
365013.66	3766302.00	0.07611	(81010824)	365033.66	3766302.00	0.06738	(81021705)
365053.66	3766302.00	0.06082	(81121901)	365073.66	3766302.00	0.05660	(81092801)
365093.66	3766302.00	0.05418	(81081020)	365113.66	3766302.00	0.05225	(81091505)
365133.66	3766302.00	0.05095	(81082623)	365153.66	3766302.00	0.04958	(81071724)
365173.66	3766302.00	0.04868	(81082523)	365193.66	3766302.00	0.04765	(81061423)
365213.66	3766302.00	0.04738	(81050607)	365233.66	3766302.00	0.04799	(81032501)
365253.66	3766302.00	0.04821	(81112923)	365273.66	3766302.00	0.04840	(81011609)
365293.66	3766302.00	0.04817	(81112919)	365313.66	3766302.00	0.04776	(81040607)
365333.66	3766302.00	0.04719	(81122004)	365353.66	3766302.00	0.04656	(81042007)
365373.66	3766302.00	0.04589	(81101206)	365393.66	3766302.00	0.04546	(81122321)
365413.66	3766302.00	0.04496	(81040303)	365433.66	3766302.00	0.04461	(81011202)
365453.66	3766302.00	0.04431	(81031508)	365473.66	3766302.00	0.04394	(81101901)
365493.66	3766302.00	0.04355	(81022522)	365513.66	3766302.00	0.04304	(81112922)
365533.66	3766302.00	0.04245	(81051602)	365553.66	3766302.00	0.04172	(81012024)
365573.66	3766302.00	0.04089	(81050804)	365593.66	3766302.00	0.03984	(81031205)
365613.66	3766302.00	0.03900	(81020802)	365633.66	3766302.00	0.03820	(81121505)
365653.66	3766302.00	0.03731	(81020321)	365673.66	3766302.00	0.03645	(81103107)
365693.66	3766302.00	0.03564	(81012901)	365713.66	3766302.00	0.03489	(81110302)
365733.66	3766302.00	0.03417	(81031320)	365753.66	3766302.00	0.03350	(81011121)
365773.66	3766302.00	0.03286	(81120823)	365793.66	3766302.00	0.03225	(81032803)

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365813.66	3766302.00	0.03164	(81022605)	365833.66	3766302.00	0.03104	(81101623)
365853.66	3766302.00	0.03044	(81091906)	365873.66	3766302.00	0.02983	(81050605)
365893.66	3766302.00	0.02921	(81041205)	365913.66	3766302.00	0.02859	(81110123)
365933.66	3766302.00	0.02796	(81120222)	365953.66	3766302.00	0.02732	(81032503)
365973.66	3766302.00	0.02669	(81101807)	365993.66	3766302.00	0.02606	(81022120)
366013.66	3766302.00	0.02543	(81102006)	366033.66	3766302.00	0.02482	(81020120)
366053.66	3766302.00	0.02422	(81110207)	366073.66	3766302.00	0.02364	(81111624)
366093.66	3766302.00	0.02307	(81052101)	366113.66	3766302.00	0.02252	(81101002)
366133.66	3766302.00	0.02199	(81050403)	366153.66	3766302.00	0.02148	(81030907)
366173.66	3766302.00	0.02099	(81061605)	366193.66	3766302.00	0.02053	(81103023)
366213.66	3766302.00	0.02008	(81011308)	366233.66	3766302.00	0.01965	(81101302)
366253.66	3766302.00	0.01924	(81032006)	366273.66	3766302.00	0.01885	(81082104)
366293.66	3766302.00	0.01848	(81031307)	366313.66	3766302.00	0.01812	(81022621)
366333.66	3766302.00	0.01777	(81071204)	366353.66	3766302.00	0.01744	(81022301)
366373.66	3766302.00	0.01712	(81061504)	366393.66	3766302.00	0.01680	(81050702)
366413.66	3766302.00	0.01650	(81020224)	366433.66	3766302.00	0.01621	(81100103)
366453.66	3766302.00	0.01592	(81012603)	366473.66	3766302.00	0.01565	(81110722)
366493.66	3766302.00	0.01538	(81101203)	366513.66	3766322.00	0.08390	(81080407)
366533.66	3766322.00	0.09766	(81011701)	366553.66	3766322.00	0.11505	(81011519)
366573.66	3766322.00	0.13703	(81082503)	366593.66	3766322.00	0.16330	(81010706)
366613.66	3766322.00	0.19005	(81122505)	366633.66	3766322.00	0.20803	(81112422)
366653.66	3766322.00	0.20763	(81010321)	366673.66	3766322.00	0.18970	(81011018)
366693.66	3766322.00	0.16533	(81021403)	366713.66	3766322.00	0.14216	(81053120)
366733.66	3766322.00	0.12216	(81082806)	366753.66	3766322.00	0.10552	(81012207)
366773.66	3766322.00	0.09186	(81082504)	366793.66	3766322.00	0.08063	(81050722)
365013.66	3766322.00	0.07133	(81041406)	365033.66	3766322.00	0.06356	(81012918)
365053.66	3766322.00	0.05708	(81042919)	365073.66	3766322.00	0.05190	(81091522)
365093.66	3766322.00	0.04828	(81100922)	365113.66	3766322.00	0.04676	(81070505)
365133.66	3766322.00	0.04677	(81082602)	365153.66	3766322.00	0.04703	(81022523)
365173.66	3766322.00	0.04853	(81042822)	365193.66	3766322.00	0.05012	(81101508)
365213.66	3766322.00	0.05148	(81101221)	365233.66	3766322.00	0.05256	(81021003)
365253.66	3766322.00	0.05346	(81022208)	365273.66	3766322.00	0.05394	(81031403)
365293.66	3766322.00	0.05395	(81020601)	365313.66	3766322.00	0.05374	(81011604)
365333.66	3766322.00	0.05315	(81012104)	365353.66	3766322.00	0.05241	(81030604)
365373.66	3766322.00	0.05161	(81111008)	365393.66	3766322.00	0.05078	(81042007)
365413.66	3766322.00	0.05025	(81122321)	365433.66	3766322.00	0.04975	(81040303)
365453.66	3766322.00	0.04929	(81011202)	365473.66	3766322.00	0.04890	(81020524)
365493.66	3766322.00	0.04841	(81101901)	365513.66	3766322.00	0.04782	(81052106)
365533.66	3766322.00	0.04700	(81112922)	365553.66	3766322.00	0.04618	(81031404)
365573.66	3766322.00	0.04505	(81020804)	365593.66	3766322.00	0.04400	(81111906)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365613.66	3766322.00	0.04286	(81031205)	365633.66	3766322.00	0.04175	(81121705)
365653.66	3766322.00	0.04064	(81032401)	365673.66	3766322.00	0.03960	(81103107)
365693.66	3766322.00	0.03863	(81012901)	365713.66	3766322.00	0.03773	(81012402)
365733.66	3766322.00	0.03690	(81110707)	365753.66	3766322.00	0.03612	(81103007)
365773.66	3766322.00	0.03539	(81103105)	365793.66	3766322.00	0.03468	(81011224)
365813.66	3766322.00	0.03399	(81111724)	365833.66	3766322.00	0.03331	(81072002)
365853.66	3766322.00	0.03262	(81040101)	365873.66	3766322.00	0.03192	(81021902)
365893.66	3766322.00	0.03121	(81110123)	365913.66	3766322.00	0.03049	(81122822)
365933.66	3766322.00	0.02976	(81022304)	365953.66	3766322.00	0.02903	(81061802)
365973.66	3766322.00	0.02830	(81101504)	365993.66	3766322.00	0.02758	(81052203)
366013.66	3766322.00	0.02687	(81110702)	366033.66	3766322.00	0.02617	(81013118)
366053.66	3766322.00	0.02549	(81040521)	366073.66	3766322.00	0.02484	(81110303)
366093.66	3766322.00	0.02420	(81050403)	366113.66	3766322.00	0.02358	(81030907)
366133.66	3766322.00	0.02300	(81111522)	366153.66	3766322.00	0.02244	(81021223)
366173.66	3766322.00	0.02190	(81050824)	366193.66	3766322.00	0.02139	(81040420)
366213.66	3766322.00	0.02090	(81082104)	366233.66	3766322.00	0.02044	(81031307)
366253.66	3766322.00	0.02000	(81110121)	366273.66	3766322.00	0.01958	(81071204)
366293.66	3766322.00	0.01917	(81021804)	366313.66	3766322.00	0.01878	(81061504)
366333.66	3766322.00	0.01841	(81121405)	366353.66	3766322.00	0.01805	(81100103)
366373.66	3766322.00	0.01771	(81032502)	366393.66	3766322.00	0.01737	(81120306)
366413.66	3766322.00	0.01705	(81102803)	366433.66	3766322.00	0.01673	(81120106)
366453.66	3766322.00	0.01643	(81022802)	366473.66	3766322.00	0.01613	(81112701)
366493.66	3766322.00	0.01585	(81122706)	366513.66	3766342.00	0.07859	(81082321)
366533.66	3766342.00	0.09007	(81011519)	366553.66	3766342.00	0.10387	(81021208)
366573.66	3766342.00	0.11990	(81011304)	366593.66	3766342.00	0.13712	(81012021)
366613.66	3766342.00	0.15255	(81041902)	366633.66	3766342.00	0.16184	(81030407)
366653.66	3766342.00	0.16128	(81050303)	366673.66	3766342.00	0.15155	(81091821)
366693.66	3766342.00	0.13696	(81033004)	366713.66	3766342.00	0.12153	(81030804)
366733.66	3766342.00	0.10719	(81033121)	366753.66	3766342.00	0.09456	(81082221)
366773.66	3766342.00	0.08368	(81072220)	366793.66	3766342.00	0.07442	(81020507)
366813.66	3766342.00	0.06652	(81072824)	366833.66	3766342.00	0.05976	(81070303)
366853.66	3766342.00	0.05396	(81040705)	366873.66	3766342.00	0.04904	(81010824)
366893.66	3766342.00	0.04508	(81110822)	366913.66	3766342.00	0.04542	(81061421)
366933.66	3766342.00	0.04741	(81111802)	366953.66	3766342.00	0.04944	(81040107)
366973.66	3766342.00	0.05152	(81012706)	366993.66	3766342.00	0.05358	(81022523)
367013.66	3766342.00	0.05559	(81042822)	367033.66	3766342.00	0.05748	(81101924)
367053.66	3766342.00	0.05908	(81011504)	367073.66	3766342.00	0.06020	(81021003)
367093.66	3766342.00	0.06104	(81101207)	367113.66	3766342.00	0.06116	(81112923)
367133.66	3766342.00	0.06077	(81020601)	367153.66	3766342.00	0.05993	(81070406)
367173.66	3766342.00	0.05896	(81040607)	367193.66	3766342.00	0.05800	(81040305)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365413.66	3766342.00	0.05708	(81042007)	365433.66	3766342.00	0.05631	(81032003)
365453.66	3766342.00	0.05567	(81040303)	365473.66	3766342.00	0.05507	(81011202)
365493.66	3766342.00	0.05451	(81010806)	365513.66	3766342.00	0.05380	(81011201)
365533.66	3766342.00	0.05289	(81012102)	365553.66	3766342.00	0.05176	(81120407)
365573.66	3766342.00	0.05044	(81012024)	365593.66	3766342.00	0.04899	(81050804)
365613.66	3766342.00	0.04750	(81031205)	365633.66	3766342.00	0.04605	(81020206)
365653.66	3766342.00	0.04467	(81090306)	365673.66	3766342.00	0.04338	(81121124)
365693.66	3766342.00	0.04219	(81080105)	365713.66	3766342.00	0.04111	(81060404)
365733.66	3766342.00	0.04012	(81032207)	365753.66	3766342.00	0.03921	(81022603)
365773.66	3766342.00	0.03836	(81022108)	365793.66	3766342.00	0.03754	(81022023)
365813.66	3766342.00	0.03674	(81100503)	365833.66	3766342.00	0.03595	(81110102)
365853.66	3766342.00	0.03515	(81010122)	365873.66	3766342.00	0.03434	(81110123)
365893.66	3766342.00	0.03351	(81110222)	365913.66	3766342.00	0.03267	(81122801)
365933.66	3766342.00	0.03181	(81101403)	365953.66	3766342.00	0.03096	(81061606)
365973.66	3766342.00	0.03012	(81012624)	365993.66	3766342.00	0.02928	(81080206)
366013.66	3766342.00	0.02846	(81091306)	366033.66	3766342.00	0.02767	(81102007)
366053.66	3766342.00	0.02689	(81050403)	366073.66	3766342.00	0.02615	(81020503)
366093.66	3766342.00	0.02543	(81030721)	366113.66	3766342.00	0.02475	(81011308)
366133.66	3766342.00	0.02410	(81081604)	366153.66	3766342.00	0.02348	(81122622)
366173.66	3766342.00	0.02289	(81061805)	366193.66	3766342.00	0.02233	(81110121)
366213.66	3766342.00	0.02180	(81071204)	366233.66	3766342.00	0.02129	(81061504)
366253.66	3766342.00	0.02082	(81050702)	366273.66	3766342.00	0.02036	(81020224)
366293.66	3766342.00	0.01993	(81100103)	366313.66	3766342.00	0.01951	(81090301)
366333.66	3766342.00	0.01910	(81102803)	366353.66	3766342.00	0.01871	(81100401)
366373.66	3766342.00	0.01834	(81022802)	366393.66	3766342.00	0.01798	(81112701)
366413.66	3766342.00	0.01763	(81101407)	366433.66	3766342.00	0.01729	(81031606)
366453.66	3766342.00	0.01697	(81022101)	366473.66	3766342.00	0.01665	(81031705)
366493.66	3766342.00	0.01636	(81101604)	366513.66	3766362.00	0.07267	(81011519)
366533.66	3766362.00	0.08199	(81082521)	366553.66	3766362.00	0.09256	(81060424)
366573.66	3766362.00	0.10403	(81070402)	366593.66	3766362.00	0.11533	(81032522)
366613.66	3766362.00	0.12477	(81031805)	366633.66	3766362.00	0.13001	(81061621)
366653.66	3766362.00	0.12963	(81122606)	366673.66	3766362.00	0.12395	(81061522)
366693.66	3766362.00	0.11490	(81081501)	366713.66	3766362.00	0.10449	(81110820)
366733.66	3766362.00	0.09419	(81032824)	366753.66	3766362.00	0.08461	(81081003)
366773.66	3766362.00	0.07600	(81101905)	366793.66	3766362.00	0.06842	(81060723)
366813.66	3766362.00	0.06177	(81102221)	366833.66	3766362.00	0.05596	(81082707)
366853.66	3766362.00	0.05088	(81050506)	366873.66	3766362.00	0.04644	(81080823)
366893.66	3766362.00	0.04450	(81100404)	366913.66	3766362.00	0.04669	(81032807)
366933.66	3766362.00	0.04899	(81012902)	366953.66	3766362.00	0.05144	(81013123)
366973.66	3766362.00	0.05402	(81061421)	366993.66	3766362.00	0.05671	(81011204)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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365213.66 3766362.00 0.05945 (81040107) 365233.66 3766362.00 0.06223 (81022806)
365253.66 3766362.00 0.06488 (81042822) 365273.66 3766362.00 0.06726 (81110520)
365293.66 3766362.00 0.06916 (81011504) 365313.66 3766362.00 0.07030 (81050607)
365333.66 3766362.00 0.07063 (81032501) 365353.66 3766362.00 0.06980 (81112923)
365373.66 3766362.00 0.06877 (81113023) 365393.66 3766362.00 0.06742 (81112919)
365413.66 3766362.00 0.06616 (81030604) 365433.66 3766362.00 0.06499 (81042007)
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365493.66 3766362.00 0.06234 (81011202) 365513.66 3766362.00 0.06148 (81040306)
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365733.66 3766362.00 0.04401 (81020624) 365753.66 3766362.00 0.04292 (81011101)
365773.66 3766362.00 0.04191 (81110208) 365793.66 3766362.00 0.04095 (81101507)
365813.66 3766362.00 0.04001 (81100806) 365833.66 3766362.00 0.03908 (81092504)
365853.66 3766362.00 0.03814 (81110123) 365873.66 3766362.00 0.03717 (81010503)
365893.66 3766362.00 0.03618 (81050805) 365913.66 3766362.00 0.03518 (81022120)
365933.66 3766362.00 0.03417 (81030802) 365953.66 3766362.00 0.03316 (81032024)
365973.66 3766362.00 0.03217 (81050903) 365993.66 3766362.00 0.03119 (81020423)
366013.66 3766362.00 0.03024 (81050403) 366033.66 3766362.00 0.02933 (81020503)
366053.66 3766362.00 0.02844 (81021605) 366073.66 3766362.00 0.02760 (81050824)
366093.66 3766362.00 0.02679 (81032006) 366113.66 3766362.00 0.02602 (81050503)
366133.66 3766362.00 0.02530 (81110121) 366153.66 3766362.00 0.02461 (81110802)
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366213.66 3766362.00 0.02277 (81100103) 366233.66 3766362.00 0.02223 (81030903)
366253.66 3766362.00 0.02171 (81102822) 366273.66 3766362.00 0.02121 (81100401)
366293.66 3766362.00 0.02074 (81022802) 366313.66 3766362.00 0.02029 (81110401)
366333.66 3766362.00 0.01985 (81111101) 366353.66 3766362.00 0.01943 (81031606)
366373.66 3766362.00 0.01902 (81022101) 366393.66 3766362.00 0.01863 (81031705)
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366453.66 3766362.00 0.01754 (81022421) 366473.66 3766362.00 0.01722 (81030824)
366493.66 3766362.00 0.01690 (81050424) 366473.66 3766382.00 0.06667 (81040621)
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365013.66	3766382.00	0.05719	(81091607)	365033.66	3766382.00	0.05224	(81051924)
365053.66	3766382.00	0.04782	(81030118)	365073.66	3766382.00	0.04390	(81032605)
365093.66	3766382.00	0.04508	(81042705)	365113.66	3766382.00	0.04741	(81110908)
365133.66	3766382.00	0.05001	(81030202)	365153.66	3766382.00	0.05280	(81100404)
365173.66	3766382.00	0.05579	(81032807)	365193.66	3766382.00	0.05909	(81012902)
365213.66	3766382.00	0.06261	(81013123)	365233.66	3766382.00	0.06633	(81122720)
365253.66	3766382.00	0.07017	(81011204)	365273.66	3766382.00	0.07407	(81012706)
365293.66	3766382.00	0.07777	(81022523)	365313.66	3766382.00	0.08093	(81082024)
365333.66	3766382.00	0.08307	(81031803)	365353.66	3766382.00	0.08373	(81050607)
365373.66	3766382.00	0.08274	(81031403)	365393.66	3766382.00	0.08068	(81020601)
365413.66	3766382.00	0.07880	(81011604)	365433.66	3766382.00	0.07705	(81040607)
365453.66	3766382.00	0.07542	(81111008)	365473.66	3766382.00	0.07396	(81101206)
365493.66	3766382.00	0.07290	(81030605)	365513.66	3766382.00	0.07172	(81011202)
365533.66	3766382.00	0.07029	(81021002)	365553.66	3766382.00	0.06844	(81100903)
365573.66	3766382.00	0.06609	(81122324)	365593.66	3766382.00	0.06348	(81012024)
365613.66	3766382.00	0.06081	(81111906)	365633.66	3766382.00	0.05827	(81031205)
365653.66	3766382.00	0.05595	(81121505)	365673.66	3766382.00	0.05385	(81040323)
365693.66	3766382.00	0.05196	(81012901)	365713.66	3766382.00	0.05029	(81121401)
365733.66	3766382.00	0.04882	(81022603)	365753.66	3766382.00	0.04749	(81011405)
365773.66	3766382.00	0.04626	(81072102)	365793.66	3766382.00	0.04510	(81012922)
365813.66	3766382.00	0.04397	(81100501)	365833.66	3766382.00	0.04285	(81020103)
365853.66	3766382.00	0.04170	(81030906)	365873.66	3766382.00	0.04053	(81011222)
365893.66	3766382.00	0.03933	(81052205)	365913.66	3766382.00	0.03811	(81021903)
365933.66	3766382.00	0.03689	(81013118)	365953.66	3766382.00	0.03568	(81111122)
365973.66	3766382.00	0.03450	(81050403)	365993.66	3766382.00	0.03335	(81020503)
366013.66	3766382.00	0.03224	(81021223)	366033.66	3766382.00	0.03118	(81081604)
366053.66	3766382.00	0.03017	(81022706)	366073.66	3766382.00	0.02920	(81022621)
366093.66	3766382.00	0.02829	(81110802)	366113.66	3766382.00	0.02742	(81050702)
366133.66	3766382.00	0.02662	(81020224)	366153.66	3766382.00	0.02586	(81032502)
366173.66	3766382.00	0.02515	(81012507)	366193.66	3766382.00	0.02447	(81100401)
366213.66	3766382.00	0.02385	(81022802)	366233.66	3766382.00	0.02325	(81071403)
366253.66	3766382.00	0.02269	(81111101)	366273.66	3766382.00	0.02215	(81022101)
366293.66	3766382.00	0.02163	(81031705)	366313.66	3766382.00	0.02114	(81101604)
366333.66	3766382.00	0.02066	(81051802)	366353.66	3766382.00	0.02020	(81022421)
366373.66	3766382.00	0.01977	(81030824)	366393.66	3766382.00	0.01934	(81050424)
366413.66	3766382.00	0.01894	(81060301)	366433.66	3766382.00	0.01855	(81111324)
366453.66	3766382.00	0.01817	(81022601)	366473.66	3766382.00	0.01782	(81121524)
366493.66	3766382.00	0.01748	(81102902)	366473.66	3766402.00	0.06085	(81122909)
366473.66	3766402.00	0.06665	(81021722)	366473.66	3766402.00	0.07269	(81100202)
366473.66	3766402.00	0.07859	(81032522)	366493.66	3766402.00	0.08387	(81020319)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364813.66	3766402.00	0.08788	(81112422)	364833.66	3766402.00	0.08998	(81010904)
364853.66	3766402.00	0.08988	(81123121)	364873.66	3766402.00	0.08763	(81010703)
364893.66	3766402.00	0.08373	(81011008)	364913.66	3766402.00	0.07875	(81021403)
364933.66	3766402.00	0.07331	(81100203)	364953.66	3766402.00	0.06779	(81022123)
364973.66	3766402.00	0.06246	(81101404)	364993.66	3766402.00	0.05746	(81081601)

				Coop.POU.txt				
365013.66	3766402.00	0.05285	(81091321)	365033.66	3766402.00	0.04865	(81030722)	
365053.66	3766402.00	0.04484	(81012618)	365073.66	3766402.00	0.04287	(81112921)	
365093.66	3766402.00	0.04513	(81111020)	365113.66	3766402.00	0.04749	(81111020)	
365133.66	3766402.00	0.05032	(81030204)	365153.66	3766402.00	0.05335	(81101204)	
365173.66	3766402.00	0.05671	(81042705)	365193.66	3766402.00	0.06040	(81110908)	
365213.66	3766402.00	0.06454	(81082001)	365233.66	3766402.00	0.06906	(81100404)	
365253.66	3766402.00	0.07415	(81030524)	365273.66	3766402.00	0.07965	(81013123)	
365293.66	3766402.00	0.08552	(81042105)	365313.66	3766402.00	0.09150	(81040107)	
365333.66	3766402.00	0.09713	(81022523)	365353.66	3766402.00	0.10153	(81082024)	
365373.66	3766402.00	0.10342	(81020323)	365393.66	3766402.00	0.10186	(81061124)	
365413.66	3766402.00	0.09818	(81112923)	365433.66	3766402.00	0.09497	(81020601)	
365453.66	3766402.00	0.09229	(81112919)	365473.66	3766402.00	0.08986	(81122004)	
365493.66	3766402.00	0.08775	(81042007)	365513.66	3766402.00	0.08613	(81110108)	
365533.66	3766402.00	0.08424	(81011202)	365553.66	3766402.00	0.08176	(81021002)	
365573.66	3766402.00	0.07852	(81012102)	365593.66	3766402.00	0.07478	(81042723)	
365613.66	3766402.00	0.07095	(81020804)	365633.66	3766402.00	0.06744	(81031205)	
365653.66	3766402.00	0.06432	(81020802)	365673.66	3766402.00	0.06149	(81020321)	
365693.66	3766402.00	0.05898	(81121007)	365713.66	3766402.00	0.05679	(81020624)	
365733.66	3766402.00	0.05494	(81011809)	365753.66	3766402.00	0.05327	(81111724)	
365773.66	3766402.00	0.05173	(81011207)	365793.66	3766402.00	0.05028	(81100501)	
365813.66	3766402.00	0.04888	(81050507)	365833.66	3766402.00	0.04747	(81100824)	
365853.66	3766402.00	0.04604	(81022122)	365873.66	3766402.00	0.04457	(81032301)	
365893.66	3766402.00	0.04307	(81040102)	365913.66	3766402.00	0.04156	(81050305)	
365933.66	3766402.00	0.04006	(81050401)	365953.66	3766402.00	0.03860	(81021407)	
365973.66	3766402.00	0.03717	(81050606)	365993.66	3766402.00	0.03581	(81032006)	
366013.66	3766402.00	0.03450	(81080305)	366033.66	3766402.00	0.03326	(81071204)	
366053.66	3766402.00	0.03208	(81050702)	366073.66	3766402.00	0.03098	(81100103)	
366093.66	3766402.00	0.02995	(81120306)	366113.66	3766402.00	0.02898	(81100401)	
366133.66	3766402.00	0.02808	(81101606)	366153.66	3766402.00	0.02724	(81122706)	
366173.66	3766402.00	0.02646	(81031606)	366193.66	3766402.00	0.02572	(81031705)	
366213.66	3766402.00	0.02504	(81101604)	366233.66	3766402.00	0.02439	(81051802)	
366253.66	3766402.00	0.02376	(81051802)	366273.66	3766402.00	0.02318	(81030824)	
366293.66	3766402.00	0.02262	(81050424)	366313.66	3766402.00	0.02207	(81032705)	
366333.66	3766402.00	0.02155	(81111324)	366353.66	3766402.00	0.02105	(81022601)	
366373.66	3766402.00	0.02057	(81102902)	366393.66	3766402.00	0.02011	(81121422)	

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 118

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

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
366413.66	3766402.00	0.01967	(81103106)	366433.66	3766402.00	0.01925	(81103106)
366453.66	3766402.00	0.01886	(81021303)	366473.66	3766402.00	0.01848	(81051006)
366493.66	3766402.00	0.01813	(81101702)	366473.66	3766422.00	0.05542	(81012003)
364733.66	3766422.00	0.05997	(81082121)	364753.66	3766422.00	0.06454	(81042923)
364773.66	3766422.00	0.06890	(81062522)	364793.66	3766422.00	0.07264	(81022102)
364813.66	3766422.00	0.07538	(81061822)	364833.66	3766422.00	0.07686	(81110918)
364853.66	3766422.00	0.07681	(81112018)	364873.66	3766422.00	0.07532	(81042622)
364893.66	3766422.00	0.07262	(81091620)	364913.66	3766422.00	0.06908	(81092621)
364933.66	3766422.00	0.06504	(81041120)	364953.66	3766422.00	0.06083	(81111722)
364973.66	3766422.00	0.05664	(81033121)	364993.66	3766422.00	0.05259	(81031620)
365013.66	3766422.00	0.04877	(81083124)	365033.66	3766422.00	0.04523	(81092123)
365053.66	3766422.00	0.04197	(81061220)	365073.66	3766422.00	0.04239	(81031402)
365093.66	3766422.00	0.04466	(81112601)	365113.66	3766422.00	0.04716	(81042302)
365133.66	3766422.00	0.04994	(81010206)	365153.66	3766422.00	0.05304	(81012306)
365173.66	3766422.00	0.05652	(81112921)	365193.66	3766422.00	0.06043	(81111020)
365213.66	3766422.00	0.06475	(81030204)	365233.66	3766422.00	0.06997	(81030204)
365253.66	3766422.00	0.07580	(81111022)	365273.66	3766422.00	0.08251	(81110908)
365293.66	3766422.00	0.09026	(81052104)	365313.66	3766422.00	0.09915	(81122522)
365333.66	3766422.00	0.10916	(81013123)	365353.66	3766422.00	0.11990	(81011204)
365373.66	3766422.00	0.13008	(81022806)	365393.66	3766422.00	0.13671	(81101924)
365413.66	3766422.00	0.13507	(81021003)	365433.66	3766422.00	0.12653	(81022208)
365453.66	3766422.00	0.12033	(81112923)	365473.66	3766422.00	0.11535	(81011609)
365493.66	3766422.00	0.11123	(81040607)	365513.66	3766422.00	0.10798	(81042007)
365533.66	3766422.00	0.10510	(81122321)	365553.66	3766422.00	0.10168	(81011202)
365573.66	3766422.00	0.09702	(81101901)	365593.66	3766422.00	0.09138	(81112922)
365613.66	3766422.00	0.08568	(81031404)	365633.66	3766422.00	0.08052	(81050804)
365653.66	3766422.00	0.07596	(81031205)	365673.66	3766422.00	0.07195	(81121303)
365693.66	3766422.00	0.06844	(81121101)	365713.66	3766422.00	0.06551	(81031206)
365733.66	3766422.00	0.06306	(81101307)	365753.66	3766422.00	0.06086	(81092506)
365773.66	3766422.00	0.05884	(81102901)	365793.66	3766422.00	0.05695	(81103020)
365813.66	3766422.00	0.05513	(81072404)	365833.66	3766422.00	0.05331	(81012820)
365853.66	3766422.00	0.05144	(81110904)	365873.66	3766422.00	0.04953	(81032402)
365893.66	3766422.00	0.04759	(81033101)	365913.66	3766422.00	0.04567	(81021407)
365933.66	3766422.00	0.04380	(81100121)	365953.66	3766422.00	0.04199	(81022706)
365973.66	3766422.00	0.04025	(81071805)	365993.66	3766422.00	0.03860	(81050702)
366013.66	3766422.00	0.03706	(81100103)	366033.66	3766422.00	0.03560	(81102803)
366053.66	3766422.00	0.03425	(81022802)	366073.66	3766422.00	0.03298	(81111101)
366093.66	3766422.00	0.03181	(81022101)	366113.66	3766422.00	0.03073	(81031705)
366133.66	3766422.00	0.02973	(81051802)	366153.66	3766422.00	0.02880	(81022421)
366173.66	3766422.00	0.02794	(81030824)	366193.66	3766422.00	0.02713	(81060301)

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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 119

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

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
366213.66	3766422.00	0.02638	(81111324)	366233.66	3766422.00	0.02566	(81022601)
366253.66	3766422.00	0.02498	(81011005)	366273.66	3766422.00	0.02432	(81121422)
366293.66	3766422.00	0.02370	(81103106)	366313.66	3766422.00	0.02310	(81022724)
366333.66	3766422.00	0.02253	(81111806)	366353.66	3766422.00	0.02198	(81101702)
366373.66	3766422.00	0.02145	(81081704)	366393.66	3766422.00	0.02095	(81021504)
366413.66	3766422.00	0.02048	(81061905)	366433.66	3766422.00	0.02003	(81030221)
366453.66	3766422.00	0.01961	(81120824)	366473.66	3766422.00	0.01921	(81020406)
366493.66	3766422.00	0.01884	(81110902)	366473.66	3766442.00	0.05047	(81122401)
366473.66	3766442.00	0.05405	(81102106)	366473.66	3766442.00	0.05756	(81101006)
366473.66	3766442.00	0.06079	(81021719)	366473.66	3766442.00	0.06348	(81080903)
366413.66	3766442.00	0.06551	(81120208)	366483.66	3766442.00	0.06655	(81032524)

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364853.66	3766442.00	0.06653	(81112018)	364873.66	3766442.00	0.06551	(81010607)
364893.66	3766442.00	0.06359	(81101519)	364913.66	3766442.00	0.06102	(81010219)
364933.66	3766442.00	0.05800	(81091922)	364953.66	3766442.00	0.05475	(81021219)
364973.66	3766442.00	0.05143	(81042221)	364993.66	3766442.00	0.04816	(81120719)
365013.66	3766442.00	0.04501	(81070422)	365033.66	3766442.00	0.04203	(81010918)
365053.66	3766442.00	0.03951	(81021723)	365073.66	3766442.00	0.04150	(81061306)
365093.66	3766442.00	0.04368	(81061306)	365113.66	3766442.00	0.04611	(81083103)
365133.66	3766442.00	0.04881	(81083103)	365153.66	3766442.00	0.05184	(81070405)
365173.66	3766442.00	0.05524	(81100406)	365193.66	3766442.00	0.05911	(81120320)
365213.66	3766442.00	0.06353	(81112601)	365233.66	3766442.00	0.06865	(81042302)
365253.66	3766442.00	0.07461	(81010206)	365273.66	3766442.00	0.08166	(81112921)
365293.66	3766442.00	0.09018	(81111020)	365313.66	3766442.00	0.10043	(81030204)
365333.66	3766442.00	0.11336	(81012221)	365353.66	3766442.00	0.12952	(81110908)
365373.66	3766442.00	0.14987	(81100404)	365393.66	3766442.00	0.17537	(81042102)
365413.66	3766442.00	0.20255	(81012706)	365433.66	3766442.00	0.21491	(81030308)
365453.66	3766442.00	0.18691	(81021003)	365473.66	3766442.00	0.16786	(81050607)
365493.66	3766442.00	0.15492	(81112923)	365513.66	3766442.00	0.14631	(81011604)
365533.66	3766442.00	0.14009	(81111807)	365553.66	3766442.00	0.13443	(81032003)
365573.66	3766442.00	0.12749	(81011202)	365593.66	3766442.00	0.11826	(81011201)
365613.66	3766442.00	0.10877	(81112922)	365633.66	3766442.00	0.10043	(81012024)
365653.66	3766442.00	0.09331	(81111906)	365673.66	3766442.00	0.08717	(81020802)
365693.66	3766442.00	0.08193	(81040323)	365713.66	3766442.00	0.07782	(81100503)
365733.66	3766442.00	0.07436	(81101223)	365753.66	3766442.00	0.07127	(81080301)
365773.66	3766442.00	0.06846	(81031907)	365793.66	3766442.00	0.06586	(81102202)
365813.66	3766442.00	0.06336	(81032103)	365833.66	3766442.00	0.06085	(81112023)
365853.66	3766442.00	0.05829	(81101002)	365873.66	3766442.00	0.05570	(81021407)
365893.66	3766442.00	0.05313	(81081604)	365913.66	3766442.00	0.05063	(81121222)
365933.66	3766442.00	0.04823	(81061504)	365953.66	3766442.00	0.04596	(81100103)
365973.66	3766442.00	0.04383	(81100401)	365993.66	3766442.00	0.04184	(81020922)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
 L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
 L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
366013.66	3766442.00	0.03998	(81022101)	366033.66	3766442.00	0.03828	(81041301)
366053.66	3766442.00	0.03670	(81022421)	366073.66	3766442.00	0.03526	(81050424)
366093.66	3766442.00	0.03394	(81111324)	366113.66	3766442.00	0.03273	(81022601)
366133.66	3766442.00	0.03161	(81121422)	366153.66	3766442.00	0.03057	(81121422)
366173.66	3766442.00	0.02963	(81103106)	366193.66	3766442.00	0.02874	(81021303)
366213.66	3766442.00	0.02790	(81051006)	366233.66	3766442.00	0.02710	(81101702)
366253.66	3766442.00	0.02633	(81101903)	366273.66	3766442.00	0.02561	(81061905)
366293.66	3766442.00	0.02491	(81030221)	366313.66	3766442.00	0.02424	(81020406)
366333.66	3766442.00	0.02360	(81110723)	366353.66	3766442.00	0.02300	(81072622)
366373.66	3766442.00	0.02243	(81022801)	366393.66	3766442.00	0.02188	(81101522)
366413.66	3766442.00	0.02138	(81100702)	366433.66	3766442.00	0.02090	(81031022)
366453.66	3766442.00	0.02045	(81031605)	366473.66	3766442.00	0.02003	(81050924)
366493.66	3766442.00	0.01963	(81050924)	366513.66	3766442.00	0.01900	(81021308)
366533.66	3766442.00	0.01884	(81082507)	366553.66	3766442.00	0.01816	(81102024)
366573.66	3766442.00	0.01807	(81011408)	366593.66	3766442.00	0.01732	(81122718)
366613.66	3766442.00	0.01732	(81011822)	366633.66	3766442.00	0.01648	(81022203)
366653.66	3766442.00	0.01657	(81032324)	366673.66	3766442.00	0.01564	(81102201)
366693.66	3766442.00	0.01582	(81032221)	366713.66	3766442.00	0.01480	(81022701)
366733.66	3766442.00	0.01507	(81021119)	366753.66	3766442.00	0.01396	(81073122)
366773.66	3766442.00	0.01432	(81080322)	366793.66	3766442.00	0.01312	(81041824)
366813.66	3766442.00	0.01357	(81092518)	366833.66	3766442.00	0.01228	(81063024)
366853.66	3766442.00	0.01282	(81042821)	366873.66	3766442.00	0.01144	(81042821)
366893.66	3766442.00	0.01207	(81012404)	366913.66	3766442.00	0.01060	(81092522)
366933.66	3766442.00	0.01132	(81012903)	366953.66	3766442.00	0.00976	(81102801)
366973.66	3766442.00	0.01057	(81080924)	367033.66	3766442.00	0.00892	(81081922)
367013.66	3766442.00	0.00982	(81022524)	367073.66	3766442.00	0.00808	(81021723)
367053.66	3766442.00	0.00907	(81061306)	367113.66	3766442.00	0.00724	(81083103)
367093.66	3766442.00	0.00832	(81083103)	367153.66	3766442.00	0.00640	(81100406)
367133.66	3766442.00	0.00757	(81121706)	367193.66	3766442.00	0.00556	(81112601)
367173.66	3766442.00	0.00682	(81102001)	367233.66	3766442.00	0.00472	(81112921)
367213.66	3766442.00	0.00607	(81030204)	367273.66	3766442.00	0.00388	(81110908)
367253.66	3766442.00	0.00532	(81020723)	367313.66	3766442.00	0.00304	(81012706)
367293.66	3766442.00	0.00457	(81082024)	367353.66	3766442.00	0.00220	(81021003)
367333.66	3766442.00	0.00382	(81112923)	367393.66	3766442.00	0.00136	(81040305)
367373.66	3766442.00	0.00307	(81110108)	367433.66	3766442.00	0.00052	(81011202)
367413.66	3766442.00	0.00232	(81101901)	367473.66	3766442.00	0.00000	(81030122)
367453.66	3766442.00	0.00157	(81012024)	367513.66	3766442.00	0.00000	(81111906)
367493.66	3766442.00	0.00082	(81092506)	367553.66	3766442.00	0.00000	(81122507)
367533.66	3766442.00	0.00007	(81010901)	367593.66	3766442.00	0.00000	(81022122)
367573.66	3766442.00	0.00000	(81082005)	367633.66	3766442.00	0.00000	(81110207)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
 L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
 L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365813.66	3766462.00	0.07466	(81020423)	365833.66	3766462.00	0.07096	(81021407)
365853.66	3766462.00	0.06723	(81040420)	365873.66	3766462.00	0.06355	(81071204)
365893.66	3766462.00	0.06000	(81100103)	365913.66	3766462.00	0.05666	(81120106)
365933.66	3766462.00	0.05355	(81031606)	365953.66	3766462.00	0.05067	(81041301)
365973.66	3766462.00	0.04801	(81030824)	365993.66	3766462.00	0.04559	(81111324)
366013.66	3766462.00	0.04338	(81121422)	366033.66	3766462.00	0.04137	(81103106)
366053.66	3766462.00	0.03956	(81111806)	366073.66	3766462.00	0.03791	(81101702)
366093.66	3766462.00	0.03642	(81101903)	366113.66	3766462.00	0.03506	(81061905)
366133.66	3766462.00	0.03382	(81030221)	366153.66	3766462.00	0.03267	(81112621)
366173.66	3766462.00	0.03160	(81110902)	366193.66	3766462.00	0.03060	(81021521)
366213.66	3766462.00	0.02964	(81022801)	366233.66	3766462.00	0.02874	(81110907)
366253.66	3766462.00	0.02787	(81031022)	366273.66	3766462.00	0.02704	(81050924)
366293.66	3766462.00	0.02626	(81071801)	366313.66	3766462.00	0.02551	(81071305)
366333.66	3766462.00	0.02480	(81042003)	366353.66	3766462.00	0.02414	(81041402)
366373.66	3766462.00	0.02352	(81091624)	366393.66	3766462.00	0.02293	(81072104)
366413.66	3766462.00	0.02238	(81111105)	366433.66	3766462.00	0.02187	(81021607)
366453.66	3766462.00	0.02140	(81021607)	366473.66	3766462.00	0.02096	(81042106)

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366493.66	3766462.00	0.02062	(81110207)	364713.66	3766482.00	0.04202	(81040301)
364733.66	3766482.00	0.04430	(81070423)	364753.66	3766482.00	0.04643	(81101219)
364773.66	3766482.00	0.04832	(81061506)	364793.66	3766482.00	0.04986	(81112422)
364813.66	3766482.00	0.05097	(81100722)	364833.66	3766482.00	0.05155	(81102322)
364853.66	3766482.00	0.05157	(81032324)	364873.66	3766482.00	0.05104	(81080123)
364893.66	3766482.00	0.05001	(81121503)	364913.66	3766482.00	0.04856	(81042121)
364933.66	3766482.00	0.04680	(81050224)	364953.66	3766482.00	0.04480	(81041120)
364973.66	3766482.00	0.04271	(81041720)	364993.66	3766482.00	0.04053	(81040622)
365013.66	3766482.00	0.03837	(81120719)	365033.66	3766482.00	0.03629	(81010608)
365053.66	3766482.00	0.03699	(81102504)	365073.66	3766482.00	0.03870	(81102504)
365093.66	3766482.00	0.04057	(81052622)	365113.66	3766482.00	0.04262	(81011722)
365133.66	3766482.00	0.04488	(81011722)	365153.66	3766482.00	0.04738	(81121201)
365173.66	3766482.00	0.05016	(81042806)	365193.66	3766482.00	0.05327	(81032224)
365213.66	3766482.00	0.05678	(81042901)	365233.66	3766482.00	0.06076	(81010306)
365253.66	3766482.00	0.06532	(81040322)	365273.66	3766482.00	0.07058	(81040322)
365293.66	3766482.00	0.07676	(81081505)	365313.66	3766482.00	0.08411	(81041906)
365333.66	3766482.00	0.09297	(81042821)	365353.66	3766482.00	0.10391	(81042821)
365373.66	3766482.00	0.11784	(81012404)	365393.66	3766482.00	0.13625	(81092522)
365413.66	3766482.00	0.16204	(81012903)	365433.66	3766482.00	0.20177	(81042701)
365453.66	3766482.00	0.26501	(81083103)	365473.66	3766482.00	0.27091	(81112921)
365493.66	3766482.00	0.30501	(81012221)	365513.66	3766482.00	0.32939	(81032807)
365533.66	3766482.00	0.33930	(81112502)	365553.66	3766482.00	0.33654	(81042822)
365573.66	3766482.00	0.32410	(81102323)	365593.66	3766482.00	0.29769	(81011924)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
 L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
 L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365613.66	3766482.00	0.24644	(81032003)	365633.66	3766482.00	0.20780	(81122006)
365653.66	3766482.00	0.17848	(81042723)	365673.66	3766482.00	0.15679	(81012024)
365693.66	3766482.00	0.14002	(81011222)	365713.66	3766482.00	0.12853	(81030802)
365733.66	3766482.00	0.11892	(81012521)	365753.66	3766482.00	0.11070	(81052101)
365773.66	3766482.00	0.10353	(81111723)	365793.66	3766482.00	0.09713	(81103023)
365813.66	3766482.00	0.09101	(81122620)	365833.66	3766482.00	0.08499	(81121405)
365853.66	3766482.00	0.07917	(81022802)	365873.66	3766482.00	0.07370	(81031705)
365893.66	3766482.00	0.06868	(81050424)	365913.66	3766482.00	0.06412	(81011005)
365933.66	3766482.00	0.06002	(81022724)	365953.66	3766482.00	0.05632	(81110803)
365973.66	3766482.00	0.05301	(81110202)	365993.66	3766482.00	0.05004	(81020622)
366013.66	3766482.00	0.04741	(81062602)	366033.66	3766482.00	0.04507	(81031022)
366053.66	3766482.00	0.04299	(81050924)	366073.66	3766482.00	0.04112	(81071801)
366093.66	3766482.00	0.03943	(81050901)	366113.66	3766482.00	0.03789	(81010104)
366133.66	3766482.00	0.03648	(81042003)	366153.66	3766482.00	0.03517	(81041402)
366173.66	3766482.00	0.03394	(81091624)	366193.66	3766482.00	0.03277	(81072104)
366213.66	3766482.00	0.03167	(81042106)	366233.66	3766482.00	0.03061	(81040502)
366253.66	3766482.00	0.02961	(81080202)	366273.66	3766482.00	0.02867	(81032404)
366293.66	3766482.00	0.02778	(81012204)	366313.66	3766482.00	0.02695	(81111922)
366333.66	3766482.00	0.02616	(81092802)	366353.66	3766482.00	0.02544	(81113005)
366373.66	3766482.00	0.02476	(81092505)	366393.66	3766482.00	0.02413	(81020620)
366413.66	3766482.00	0.02354	(81062205)	366433.66	3766482.00	0.02305	(81110904)
366453.66	3766482.00	0.02270	(81040102)	366473.66	3766482.00	0.02237	(81111624)
366493.66	3766482.00	0.02204	(81052101)	364713.66	3766502.00	0.03850	(81082507)
364733.66	3766502.00	0.04032	(81122505)	364753.66	3766502.00	0.04199	(81041902)
364773.66	3766502.00	0.04349	(81080903)	364793.66	3766502.00	0.04469	(81032420)
364813.66	3766502.00	0.04554	(81021420)	364833.66	3766502.00	0.04599	(81021806)
364853.66	3766502.00	0.04600	(81032324)	364873.66	3766502.00	0.04561	(81080123)
364893.66	3766502.00	0.04484	(81042706)	364913.66	3766502.00	0.04373	(81101907)
364933.66	3766502.00	0.04235	(81021818)	364953.66	3766502.00	0.04078	(81073119)
364973.66	3766502.00	0.03908	(81092420)	364993.66	3766502.00	0.03731	(81052801)
365013.66	3766502.00	0.03552	(81041824)	365033.66	3766502.00	0.03402	(81101608)
365053.66	3766502.00	0.03544	(81101608)	365073.66	3766502.00	0.03697	(81101608)
365093.66	3766502.00	0.03863	(81101608)	365113.66	3766502.00	0.04043	(81101608)
365133.66	3766502.00	0.04240	(81102008)	365153.66	3766502.00	0.04456	(81102008)
365173.66	3766502.00	0.04692	(81102008)	365193.66	3766502.00	0.04953	(81102008)
365213.66	3766502.00	0.05242	(81102008)	365233.66	3766502.00	0.05563	(81101921)
365253.66	3766502.00	0.05923	(81101921)	365273.66	3766502.00	0.06327	(81101921)
365293.66	3766502.00	0.06785	(81101921)	365313.66	3766502.00	0.07306	(81101921)
365333.66	3766502.00	0.07905	(81101921)	365353.66	3766502.00	0.08605	(81121019)
365373.66	3766502.00	0.09433	(81030402)	365393.66	3766502.00	0.10436	(81110522)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
 L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
 L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365413.66	3766502.00	0.11687	(81122721)	365433.66	3766502.00	0.13299	(81121321)
365453.66	3766502.00	0.15455	(81102504)	365473.66	3766502.00	0.18184	(81032224)
365493.66	3766502.00	0.21931	(81041906)	365513.66	3766502.00	0.27003	(81042701)
365533.66	3766502.00	0.33810	(81070405)	365553.66	3766502.00	0.42219	(81012306)
365573.66	3766502.00	0.40627	(81110908)	365593.66	3766502.00	0.40660	(81013123)
365613.66	3766502.00	0.38246	(81022806)	365633.66	3766502.00	0.33720	(81020323)
365653.66	3766502.00	0.33888	(81011202)	365673.66	3766502.00	0.27216	(81070401)
365693.66	3766502.00	0.22476	(81061504)	365713.66	3766502.00	0.19556	(81061504)
365733.66	3766502.00	0.17323	(81061504)	365753.66	3766502.00	0.15537	(81080806)
365773.66	3766502.00	0.14089	(81100103)	365793.66	3766502.00	0.12808	(81101606)
365813.66	3766502.00	0.11613	(81022421)	365833.66	3766502.00	0.10522	(81121422)
365853.66	3766502.00	0.09557	(81021504)	365873.66	3766502.00	0.08715	(81012923)
365893.66	3766502.00	0.07987	(81050924)	365913.66	3766502.00	0.07357	(81041402)
365933.66	3766502.00	0.06809	(81042106)	365953.66	3766502.00	0.06332	(81080101)
365973.66	3766502.00	0.05918	(81061701)	365993.66	3766502.00	0.05560	(81092802)
366013.66	3766502.00	0.05250	(81113005)	366033.66	3766502.00	0.04977	(81091301)
366053.66	3766502.00	0.04735	(81062205)	366073.66	3766502.00	0.04519	(81062205)
366093.66	3766502.00	0.04323	(81061801)	366113.66	3766502.00	0.04144	(81062405)
366133.66	3766502.00	0.03978	(81113022)	366153.66	3766502.00	0.03821	(81091305)
366173.66	3766502.00	0.03674	(81051003)	366193.66	3766502.00	0.03534	(81112120)
366213.66	3766502.00	0.03402	(81090504)	366233.66	3766502.00	0.03278	(81082003)
366253.66	3766502.00	0.03162	(81033123)	366273.66	3766502.00	0.03054	(81103120)
366293.66	3766502.00	0.02953	(81091724)	366313.66	3766502.00	0.02860	(81091724)

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366333.66	3766502.00	0.02774	(81111421)	366333.66	3766502.00	0.02695	(81111421)
366373.66	3766502.00	0.02624	(81010522)	366393.66	3766502.00	0.02577	(81110702)
366413.66	3766502.00	0.02533	(81112023)	366433.66	3766502.00	0.02490	(81061422)
366453.66	3766502.00	0.02449	(81050801)	366473.66	3766502.00	0.02409	(81052303)
366493.66	3766502.00	0.02369	(81030806)	364713.66	3766522.00	0.03535	(81070423)
364733.66	3766522.00	0.03683	(81042722)	364753.66	3766522.00	0.03817	(81011408)
364773.66	3766522.00	0.03936	(81040523)	364793.66	3766522.00	0.04031	(81031520)
364813.66	3766522.00	0.04098	(81012503)	364833.66	3766522.00	0.04134	(81010220)
364853.66	3766522.00	0.04136	(81030322)	364873.66	3766522.00	0.04107	(81112118)
364893.66	3766522.00	0.04046	(81120418)	364913.66	3766522.00	0.03959	(81011008)
364933.66	3766522.00	0.03851	(81112604)	364953.66	3766522.00	0.03725	(81011920)
364973.66	3766522.00	0.03587	(81100622)	364993.66	3766522.00	0.03442	(81101707)
365013.66	3766522.00	0.03292	(81040622)	365033.66	3766522.00	0.03250	(81020919)
365053.66	3766522.00	0.03376	(81020919)	365073.66	3766522.00	0.03511	(81020919)
365093.66	3766522.00	0.03657	(81020919)	365113.66	3766522.00	0.03813	(81020919)
365133.66	3766522.00	0.03981	(81020919)	365153.66	3766522.00	0.04163	(81020919)
365173.66	3766522.00	0.04360	(81020919)	365193.66	3766522.00	0.04574	(81020919)

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

*** MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 124

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
 L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
 L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365213.66	3766522.00	0.04807	(81020919)	365233.66	3766522.00	0.05061	(81020919)
365253.66	3766522.00	0.05340	(81020919)	365273.66	3766522.00	0.05647	(81020919)
365293.66	3766522.00	0.05988	(81020919)	365313.66	3766522.00	0.06370	(81020919)
365333.66	3766522.00	0.06800	(81020919)	365353.66	3766522.00	0.07291	(81020919)
365373.66	3766522.00	0.07857	(81020919)	365393.66	3766522.00	0.08515	(81020919)
365413.66	3766522.00	0.09290	(81020919)	365433.66	3766522.00	0.10214	(81020919)
365453.66	3766522.00	0.11337	(81020919)	365473.66	3766522.00	0.12735	(81020919)
365493.66	3766522.00	0.14547	(81070606)	365513.66	3766522.00	0.16957	(81020919)
365533.66	3766522.00	0.20305	(81020919)	365553.66	3766522.00	0.25235	(81020919)
365573.66	3766522.00	0.32712	(81032802)	365593.66	3766522.00	0.36371	(81040322)
365613.66	3766522.00	0.42386	(81083103)	365633.66	3766522.00	0.47714	(81112921)
365653.66	3766522.00	0.50211	(81052104)	365673.66	3766522.00	0.47889	(81011204)
365693.66	3766522.00	0.40213	(81101508)	365713.66	3766522.00	0.37377	(81020707)
365733.66	3766522.00	0.30747	(81021201)	365753.66	3766522.00	0.26423	(81072023)
365773.66	3766522.00	0.22060	(81072104)	365793.66	3766522.00	0.18507	(81061701)
365813.66	3766522.00	0.15741	(81112120)	365833.66	3766522.00	0.13604	(81052201)
365853.66	3766522.00	0.11931	(81101806)	365873.66	3766522.00	0.10600	(81112623)
365893.66	3766522.00	0.09519	(81120902)	365913.66	3766522.00	0.08626	(81120820)
365933.66	3766522.00	0.07884	(81020521)	365953.66	3766522.00	0.07272	(81110324)
365973.66	3766522.00	0.06765	(81110622)	365993.66	3766522.00	0.06335	(81120902)
366013.66	3766522.00	0.05960	(81021602)	366033.66	3766522.00	0.05629	(81011607)
366053.66	3766522.00	0.05335	(81112623)	366073.66	3766522.00	0.05071	(81010107)
366093.66	3766522.00	0.04829	(81010107)	366113.66	3766522.00	0.04603	(81010107)
366133.66	3766522.00	0.04392	(81011607)	366153.66	3766522.00	0.04195	(81021602)
366173.66	3766522.00	0.04010	(81120902)	366193.66	3766522.00	0.03838	(81110622)
366213.66	3766522.00	0.03680	(81110704)	366233.66	3766522.00	0.03533	(81071205)
366253.66	3766522.00	0.03398	(81111623)	366273.66	3766522.00	0.03275	(81111623)
366293.66	3766522.00	0.03162	(81111623)	366313.66	3766522.00	0.03070	(81032301)
366333.66	3766522.00	0.03002	(81110904)	366353.66	3766522.00	0.02937	(81012521)
366373.66	3766522.00	0.02876	(81102301)	366393.66	3766522.00	0.02819	(81052101)
366413.66	3766522.00	0.02764	(81101002)	366433.66	3766522.00	0.02711	(81050403)
366453.66	3766522.00	0.02661	(81030907)	366473.66	3766522.00	0.02611	(81022622)
366493.66	3766522.00	0.02562	(81030822)	364713.66	3766542.00	0.03258	(81011805)
364733.66	3766542.00	0.03379	(81120105)	364753.66	3766542.00	0.03489	(81061506)
364773.66	3766542.00	0.03582	(81030303)	364793.66	3766542.00	0.03658	(81121103)
364813.66	3766542.00	0.03710	(81010904)	364833.66	3766542.00	0.03740	(81112420)
364853.66	3766542.00	0.03743	(81030322)	364873.66	3766542.00	0.03720	(81022302)
364893.66	3766542.00	0.03673	(81082020)	364913.66	3766542.00	0.03604	(81011301)
364933.66	3766542.00	0.03517	(81081520)	364953.66	3766542.00	0.03415	(81032923)
364973.66	3766542.00	0.03300	(81110820)	364993.66	3766542.00	0.03182	(81061704)

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*** MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 125

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
 L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
 L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365013.66	3766542.00	0.03057	(81021604)	365033.66	3766542.00	0.03100	(81100904)
365053.66	3766542.00	0.03209	(81100904)	365073.66	3766542.00	0.03326	(81042205)
365093.66	3766542.00	0.03451	(81112608)	365113.66	3766542.00	0.03583	(81010319)
365133.66	3766542.00	0.03725	(81010319)	365153.66	3766542.00	0.03875	(81010319)
365173.66	3766542.00	0.04036	(81010319)	365193.66	3766542.00	0.04210	(81032802)
365213.66	3766542.00	0.04400	(81032802)	365233.66	3766542.00	0.04604	(81032802)
365253.66	3766542.00	0.04825	(81032802)	365273.66	3766542.00	0.05065	(81030603)
365293.66	3766542.00	0.05328	(81112524)	365313.66	3766542.00	0.05620	(81112524)
365333.66	3766542.00	0.05945	(81060501)	365353.66	3766542.00	0.06310	(81042824)
365373.66	3766542.00	0.06721	(81031901)	365393.66	3766542.00	0.07189	(81092922)
365413.66	3766542.00	0.07727	(81112901)	365433.66	3766542.00	0.08353	(81030120)
365453.66	3766542.00	0.09090	(81061123)	365473.66	3766542.00	0.09968	(81111801)
365493.66	3766542.00	0.11026	(81092305)	365513.66	3766542.00	0.12319	(81042107)
365533.66	3766542.00	0.13905	(81122919)	365553.66	3766542.00	0.15847	(81120924)
365573.66	3766542.00	0.18162	(81082101)	365593.66	3766542.00	0.20910	(81083102)
365613.66	3766542.00	0.24400	(81110523)	365633.66	3766542.00	0.28307	(81123024)
365653.66	3766542.00	0.34162	(81010319)	365673.66	3766542.00	0.40127	(81100820)
365693.66	3766542.00	0.45735	(81082323)	365713.66	3766542.00	0.48154	(81100421)
365733.66	3766542.00	0.46587	(81020220)	365753.66	3766542.00	0.42342	(81022105)
365773.66	3766542.00	0.37210	(81102522)	365793.66	3766542.00	0.28765	(81112203)
365813.66	3766542.00	0.23101	(81112104)	365833.66	3766542.00	0.19053	(81020203)
365853.66	3766542.00	0.16036	(81051702)	365873.66	3766542.00	0.15019	(81122324)
365893.66	3766542.00	0.14480	(81122804)	365913.66	3766542.00	0.12372	(81111007)
365933.66	3766542.00	0.09793	(81092504)	365953.66	3766542.00	0.08913	(81091601)
365973.66	3766542.00	0.08211	(81070504)	365993.66	3766542.00	0.07605	(81050705)
366013.66	3766542.00	0.07087	(81052803)	366033.66	3766542.00	0.06635	(81091907)
366053.66	3766542.00	0.06227	(81071322)	366073.66	3766542.00	0.05854	(81091907)
366093.66	3766542.00	0.05511	(81122821)	366113.66	3766542.00	0.05198	(81051604)
366133.66	3766542.00	0.04913	(81111024)	366153.66	3766542.00	0.04654	(81050705)

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366173.66 3766542.00 0.04419 (81050705) 366193.66 3766542.00 0.04207 (81032620)
366213.66 3766542.00 0.04016 (81050705) 366233.66 3766542.00 0.03854 (81061802)
366253.66 3766542.00 0.03739 (81020324) 366273.66 3766542.00 0.03631 (81010522)
366293.66 3766542.00 0.03530 (81101723) 366313.66 3766542.00 0.03436 (81111624)
366333.66 3766542.00 0.03348 (81050801) 366353.66 3766542.00 0.03265 (81010921)
366373.66 3766542.00 0.03188 (81111723) 366393.66 3766542.00 0.03114 (81030907)
366413.66 3766542.00 0.03045 (81110201) 366433.66 3766542.00 0.02979 (81011804)
366453.66 3766542.00 0.02916 (81081604) 366473.66 3766542.00 0.02853 (81022706)
366493.66 3766542.00 0.02791 (81071805) 364713.66 3766562.00 0.03011 (81062522)
364733.66 3766562.00 0.03110 (81010505) 364753.66 3766562.00 0.03200 (81042222)
364773.66 3766562.00 0.03275 (81112422) 364793.66 3766562.00 0.03337 (81121619)
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364813.66	3766562.00	0.03381	(81121707)	364833.66	3766562.00	0.03404	(81121022)
364853.66	3766562.00	0.03406	(81030322)	364873.66	3766562.00	0.03389	(81021819)
364893.66	3766562.00	0.03351	(81061722)	364913.66	3766562.00	0.03295	(81091620)
364933.66	3766562.00	0.03226	(81030320)	364953.66	3766562.00	0.03142	(81083020)
364973.66	3766562.00	0.03050	(81091801)	364993.66	3766562.00	0.02950	(81100203)
365013.66	3766562.00	0.02856	(81030603)	365033.66	3766562.00	0.02947	(81112524)
365053.66	3766562.00	0.03042	(81112524)	365073.66	3766562.00	0.03143	(81060501)
365093.66	3766562.00	0.03249	(81042824)	365113.66	3766562.00	0.03361	(81031901)
365133.66	3766562.00	0.03481	(81031901)	365153.66	3766562.00	0.03607	(81092922)
365173.66	3766562.00	0.03742	(81121408)	365193.66	3766562.00	0.03885	(81112901)
365213.66	3766562.00	0.04038	(81030120)	365233.66	3766562.00	0.04203	(81102806)
365253.66	3766562.00	0.04380	(81100101)	365273.66	3766562.00	0.04572	(81061123)
365293.66	3766562.00	0.04783	(81100820)	365313.66	3766562.00	0.05013	(81111619)
365333.66	3766562.00	0.05268	(81092305)	365353.66	3766562.00	0.05550	(81051623)
365373.66	3766562.00	0.05865	(81111322)	365393.66	3766562.00	0.06219	(81121903)
365413.66	3766562.00	0.06620	(81032801)	365433.66	3766562.00	0.07077	(81021603)
365453.66	3766562.00	0.07600	(81111023)	365473.66	3766562.00	0.08199	(81111720)
365493.66	3766562.00	0.08883	(81070403)	365513.66	3766562.00	0.09656	(81070801)
365533.66	3766562.00	0.10509	(81041701)	365553.66	3766562.00	0.11419	(81051302)
365573.66	3766562.00	0.12382	(81030406)	365593.66	3766562.00	0.13462	(81111401)
365613.66	3766562.00	0.14757	(81051621)	365633.66	3766562.00	0.16348	(81010708)
365653.66	3766562.00	0.18282	(81032523)	365673.66	3766562.00	0.21246	(81051320)
365693.66	3766562.00	0.25895	(81090620)	365713.66	3766562.00	0.31210	(81100206)
365733.66	3766562.00	0.37013	(81082223)	365753.66	3766562.00	0.43776	(81100703)
365773.66	3766562.00	0.38894	(81111621)	365793.66	3766562.00	0.34300	(81082523)
365813.66	3766562.00	0.32554	(81082001)	365833.66	3766562.00	0.33999	(81061421)
365853.66	3766562.00	0.36568	(81042822)	365873.66	3766562.00	0.22503	(81012104)
365893.66	3766562.00	0.31252	(81031205)	365913.66	3766562.00	0.23393	(81103121)
365933.66	3766562.00	0.15691	(81020503)	365953.66	3766562.00	0.12761	(81121422)
365973.66	3766562.00	0.11319	(81121902)	365993.66	3766562.00	0.10121	(81071404)
366013.66	3766562.00	0.09111	(81112002)	366033.66	3766562.00	0.08263	(81012520)
366053.66	3766562.00	0.07580	(81011205)	366073.66	3766562.00	0.07023	(81122006)
366093.66	3766562.00	0.06538	(81040306)	366113.66	3766562.00	0.06111	(81011201)
366133.66	3766562.00	0.05734	(81012102)	366153.66	3766562.00	0.05399	(81120407)
366173.66	3766562.00	0.05100	(81012024)	366193.66	3766562.00	0.04853	(81121403)
366213.66	3766562.00	0.04661	(81082005)	366233.66	3766562.00	0.04486	(81112001)
366253.66	3766562.00	0.04324	(81111624)	366273.66	3766562.00	0.04175	(81050801)
366293.66	3766562.00	0.04038	(81033101)	366313.66	3766562.00	0.03910	(81121224)
366333.66	3766562.00	0.03792	(81120119)	366353.66	3766562.00	0.03683	(81021223)
366373.66	3766562.00	0.03581	(81050824)	366393.66	3766562.00	0.03485	(81032006)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366413.66	3766562.00	0.03395	(81122620)	366433.66	3766562.00	0.03310	(81110121)
366453.66	3766562.00	0.03228	(81021804)	366473.66	3766562.00	0.03147	(81020224)
366493.66	3766562.00	0.03068	(81030821)	364713.66	3766582.00	0.02791	(81101219)
364733.66	3766582.00	0.02871	(81082421)	364753.66	3766582.00	0.02947	(81031503)
364773.66	3766582.00	0.03010	(81032420)	364793.66	3766582.00	0.03060	(81092519)
364813.66	3766582.00	0.03095	(81091904)	364833.66	3766582.00	0.03114	(81010321)
364853.66	3766582.00	0.03117	(81122501)	364873.66	3766582.00	0.03102	(81022624)
364893.66	3766582.00	0.03072	(81092422)	364913.66	3766582.00	0.03028	(81101519)
364933.66	3766582.00	0.02970	(81101022)	364953.66	3766582.00	0.02902	(81032606)
364973.66	3766582.00	0.02825	(81041522)	364993.66	3766582.00	0.02741	(81021401)
365013.66	3766582.00	0.02719	(81090305)	365033.66	3766582.00	0.02798	(81030120)
365053.66	3766582.00	0.02880	(81102806)	365073.66	3766582.00	0.02967	(81022321)
365093.66	3766582.00	0.03058	(81061123)	365113.66	3766582.00	0.03153	(81100820)
365133.66	3766582.00	0.03254	(81100820)	365153.66	3766582.00	0.03361	(81111801)
365173.66	3766582.00	0.03473	(81092305)	365193.66	3766582.00	0.03592	(81092305)
365213.66	3766582.00	0.03720	(81051623)	365233.66	3766582.00	0.03856	(81122808)
365253.66	3766582.00	0.04003	(81111808)	365273.66	3766582.00	0.04161	(81121903)
365293.66	3766582.00	0.04334	(81032801)	365313.66	3766582.00	0.04521	(81122919)
365333.66	3766582.00	0.04729	(81092520)	365353.66	3766582.00	0.04957	(81092722)
365373.66	3766582.00	0.05209	(81061201)	365393.66	3766582.00	0.05489	(81082101)
365413.66	3766582.00	0.05801	(81040603)	365433.66	3766582.00	0.06149	(81100105)
365453.66	3766582.00	0.06534	(81051521)	365473.66	3766582.00	0.06958	(81041701)
365493.66	3766582.00	0.07417	(81102721)	365513.66	3766582.00	0.07902	(81032521)
365533.66	3766582.00	0.08398	(81101808)	365553.66	3766582.00	0.08900	(81082422)
365573.66	3766582.00	0.09424	(81062501)	365593.66	3766582.00	0.10009	(81032523)
365613.66	3766582.00	0.10678	(81041305)	365633.66	3766582.00	0.11441	(81032806)
365653.66	3766582.00	0.12308	(81021402)	365673.66	3766582.00	0.13569	(81070721)
365693.66	3766582.00	0.15211	(81090101)	365713.66	3766582.00	0.17231	(81050622)
365733.66	3766582.00	0.19886	(81052720)	365753.66	3766582.00	0.23365	(81082921)
365773.66	3766582.00	0.26119	(81020921)	365793.66	3766582.00	0.28206	(81080602)
365813.66	3766582.00	0.30263	(81082602)	365833.66	3766582.00	0.32291	(81091604)
365853.66	3766582.00	0.33213	(81012619)	365873.66	3766582.00	0.33351	(81082002)
365893.66	3766582.00	0.59404	(81012902)	365913.66	3766582.00	0.61484	(81040105)
365933.66	3766582.00	0.30345	(81050304)	365953.66	3766582.00	0.24286	(81010823)
365973.66	3766582.00	0.18545	(81071101)	365993.66	3766582.00	0.15729	(81112919)

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366013.66 3766582.00 0.13817 (81111008) 366033.66 3766582.00 0.12050 (81042007)
366053.66 3766582.00 0.10676 (81122321) 366073.66 3766582.00 0.09585 (81011205)
366093.66 3766582.00 0.08698 (81011202) 366113.66 3766582.00 0.07957 (81022805)
366133.66 3766582.00 0.07324 (81101901) 366153.66 3766582.00 0.06781 (81052106)
366173.66 3766582.00 0.06311 (81120407) 366193.66 3766582.00 0.05950 (81050903)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 128
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,
*** 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)
366213.66 3766582.00 0.05652 (81100606) 366233.66 3766582.00 0.05385 (81102722)
366253.66 3766582.00 0.05144 (81120119) 366273.66 3766582.00 0.04926 (81050606)
366293.66 3766582.00 0.04728 (81041204) 366313.66 3766582.00 0.04548 (81082104)
366333.66 3766582.00 0.04383 (81121222) 366353.66 3766582.00 0.04232 (81071204)
366373.66 3766582.00 0.04092 (81061504) 366393.66 3766582.00 0.03963 (81121405)
366413.66 3766582.00 0.03843 (81100103) 366433.66 3766582.00 0.03729 (81102803)
366453.66 3766582.00 0.03618 (81112701) 366473.66 3766582.00 0.03511 (81031705)
366493.66 3766582.00 0.03406 (81022421) 364713.66 3766602.00 0.02594 (81121807)
364733.66 3766602.00 0.02664 (81042802) 364753.66 3766602.00 0.02725 (81122718)
364773.66 3766602.00 0.02777 (81061822) 364793.66 3766602.00 0.02818 (81090922)
364813.66 3766602.00 0.02847 (81032524) 364833.66 3766602.00 0.02863 (81041901)
364853.66 3766602.00 0.02865 (81122501) 364873.66 3766602.00 0.02854 (81022624)
364893.66 3766602.00 0.02829 (81081920) 364913.66 3766602.00 0.02793 (81120102)
364933.66 3766602.00 0.02746 (81062924) 364953.66 3766602.00 0.02689 (81033004)
364973.66 3766602.00 0.02624 (81021119) 364993.66 3766602.00 0.02553 (81110820)
365013.66 3766602.00 0.02587 (81111619) 365033.66 3766602.00 0.02655 (81111619)
365053.66 3766602.00 0.02727 (81092305) 365073.66 3766602.00 0.02802 (81091622)
365093.66 3766602.00 0.02880 (81111021) 365113.66 3766602.00 0.02962 (81111322)
365133.66 3766602.00 0.03048 (81111808) 365153.66 3766602.00 0.03138 (81121903)
365173.66 3766602.00 0.03234 (81080406) 365193.66 3766602.00 0.03336 (81122919)
365213.66 3766602.00 0.03443 (81021603) 365233.66 3766602.00 0.03560 (81021221)
365253.66 3766602.00 0.03684 (81092722) 365273.66 3766602.00 0.03819 (81031608)
365293.66 3766602.00 0.03964 (81102222) 365313.66 3766602.00 0.04122 (81090824)
365333.66 3766602.00 0.04296 (81051007) 365353.66 3766602.00 0.04485 (81111205)
365373.66 3766602.00 0.04692 (81070724) 365393.66 3766602.00 0.04919 (81032321)
365413.66 3766602.00 0.05167 (81041701) 365433.66 3766602.00 0.05436 (81031806)
365453.66 3766602.00 0.05726 (81110523) 365473.66 3766602.00 0.06033 (81123106)
365493.66 3766602.00 0.06351 (81042724) 365513.66 3766602.00 0.06672 (81041903)
365533.66 3766602.00 0.06990 (81011618) 365553.66 3766602.00 0.07308 (81102424)
365573.66 3766602.00 0.07641 (81061602) 365593.66 3766602.00 0.08005 (81081103)
365613.66 3766602.00 0.08409 (81011802) 365633.66 3766602.00 0.08858 (81110120)
365653.66 3766602.00 0.09358 (81030905) 365673.66 3766602.00 0.10078 (81032923)
365693.66 3766602.00 0.10928 (81021604) 365713.66 3766602.00 0.11926 (81022501)
365733.66 3766602.00 0.13114 (81060721) 365753.66 3766602.00 0.14519 (81032901)
365773.66 3766602.00 0.15852 (81122519) 365793.66 3766602.00 0.16862 (81100123)
365813.66 3766602.00 0.17760 (81071123) 365833.66 3766602.00 0.18796 (81090322)
365853.66 3766602.00 0.20252 (81070505) 365873.66 3766602.00 0.22166 (81072005)
365893.66 3766602.00 0.26672 (81080903) 365913.66 3766602.00 0.27041 (81042521)
365933.66 3766602.00 0.32136 (81011320) 365953.66 3766602.00 0.31621 (81062402)
365973.66 3766602.00 0.27820 (81021102) 365993.66 3766602.00 0.25845 (81022523)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 129
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,
*** 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)
366013.66 3766602.00 0.23532 (81122004) 366033.66 3766602.00 0.21651 (81011205)
366053.66 3766602.00 0.18421 (81122321) 366073.66 3766602.00 0.15299 (81011205)
366093.66 3766602.00 0.13140 (81101206) 366113.66 3766602.00 0.11540 (81030605)
366133.66 3766602.00 0.10245 (81011202) 366153.66 3766602.00 0.09204 (81040306)
366173.66 3766602.00 0.08348 (81022522) 366193.66 3766602.00 0.07738 (81050824)
366213.66 3766602.00 0.07219 (81082104) 366233.66 3766602.00 0.06768 (81110121)
366253.66 3766602.00 0.06374 (81021804) 366273.66 3766602.00 0.06029 (81121405)
366293.66 3766602.00 0.05723 (81100103) 366313.66 3766602.00 0.05451 (81110722)
366333.66 3766602.00 0.05207 (81120106) 366353.66 3766602.00 0.04986 (81060324)
366373.66 3766602.00 0.04786 (81111101) 366393.66 3766602.00 0.04603 (81022101)
366413.66 3766602.00 0.04433 (81041301) 366433.66 3766602.00 0.04273 (81050424)
366453.66 3766602.00 0.04119 (81011005) 366473.66 3766602.00 0.03972 (81101702)
366493.66 3766602.00 0.03834 (81020622) 364713.66 3766622.00 0.02419 (81020319)
364733.66 3766622.00 0.02477 (81021205) 364753.66 3766622.00 0.02528 (81030303)
364773.66 3766622.00 0.02572 (81030407) 364793.66 3766622.00 0.02606 (81021420)
364813.66 3766622.00 0.02630 (81120619) 364833.66 3766622.00 0.02643 (81020708)
364853.66 3766622.00 0.02645 (81092004) 364873.66 3766622.00 0.02636 (81022624)
364893.66 3766622.00 0.02615 (81061522) 364913.66 3766622.00 0.02586 (81032221)
364933.66 3766622.00 0.02547 (81070301) 364953.66 3766622.00 0.02499 (81041620)
364973.66 3766622.00 0.02446 (81021403) 364993.66 3766622.00 0.02404 (81111322)
365013.66 3766622.00 0.02462 (81030305) 365033.66 3766622.00 0.02522 (81121903)
365053.66 3766622.00 0.02583 (81080406) 365073.66 3766622.00 0.02649 (81032801)
365093.66 3766622.00 0.02717 (81122919) 365113.66 3766622.00 0.02787 (81021603)
365133.66 3766622.00 0.02863 (81092520) 365153.66 3766622.00 0.02941 (81050807)
365173.66 3766622.00 0.03024 (81120924) 365193.66 3766622.00 0.03112 (81061201)
365213.66 3766622.00 0.03206 (81111720) 365233.66 3766622.00 0.03307 (81090824)
365253.66 3766622.00 0.03415 (81051007) 365273.66 3766622.00 0.03531 (81041905)
365293.66 3766622.00 0.03657 (81042101) 365313.66 3766622.00 0.03793 (81123123)
365333.66 3766622.00 0.03940 (81061202) 365353.66 3766622.00 0.04099 (81060423)
365373.66 3766622.00 0.04272 (81083102) 365393.66 3766622.00 0.04457 (81051302)
365413.66 3766622.00 0.04656 (81032521) 365433.66 3766622.00 0.04868 (81092521)
365453.66 3766622.00 0.05089 (81011309) 365473.66 3766622.00 0.05317 (81082422)
365493.66 3766622.00 0.05547 (81123024) 365513.66 3766622.00 0.05773 (81041703)
365533.66 3766622.00 0.05995 (81100724) 365553.66 3766622.00 0.06217 (81081103)
365573.66 3766622.00 0.06447 (81051303) 365593.66 3766622.00 0.06697 (81061304)
365613.66 3766622.00 0.06969 (81082503) 365633.66 3766622.00 0.07269 (81122401)
365653.66 3766622.00 0.07618 (81101706) 365673.66 3766622.00 0.08069 (81052621)
365693.66 3766622.00 0.08588 (81041120) 365713.66 3766622.00 0.09178 (81042221)
365733.66 3766622.00 0.09854 (81041519) 365753.66 3766622.00 0.10622 (81031220)
365773.66 3766622.00 0.11384 (81032901) 365793.66 3766622.00 0.11980 (81092601)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365813.66	3766622.00	0.12429	(81011421)	365833.66	3766622.00	0.12860	(81052223)
365853.66	3766622.00	0.13348	(81021705)	365873.66	3766622.00	0.13835	(81030819)
365893.66	3766622.00	0.14293	(81071802)	365913.66	3766622.00	0.15217	(81100622)
365933.66	3766622.00	0.16380	(81090904)	365953.66	3766622.00	0.18734	(81040322)
365973.66	3766622.00	0.23285	(81102801)	365993.66	3766622.00	0.30154	(81100406)
366013.66	3766622.00	0.33171	(81111020)	366033.66	3766622.00	0.34519	(81100404)
366053.66	3766622.00	0.33381	(81040107)	366073.66	3766622.00	0.30056	(81101508)
366093.66	3766622.00	0.25587	(81042807)	366113.66	3766622.00	0.21169	(81112919)
366133.66	3766622.00	0.17487	(81042007)	366153.66	3766622.00	0.14673	(81110108)
366173.66	3766622.00	0.12599	(81020224)	366193.66	3766622.00	0.11190	(81120306)
366213.66	3766622.00	0.10072	(81041301)	366233.66	3766622.00	0.09178	(81030824)
366253.66	3766622.00	0.08437	(81050424)	366273.66	3766622.00	0.07816	(81103019)
366293.66	3766622.00	0.07288	(81032705)	366313.66	3766622.00	0.06834	(81022601)
366333.66	3766622.00	0.06438	(81121524)	366353.66	3766622.00	0.06090	(81121422)
366373.66	3766622.00	0.05781	(81103106)	366393.66	3766622.00	0.05503	(81051006)
366413.66	3766622.00	0.05247	(81120824)	366433.66	3766622.00	0.05008	(81031605)
366453.66	3766622.00	0.04785	(81042106)	366473.66	3766622.00	0.04581	(81091305)
366493.66	3766622.00	0.04395	(81120101)	366513.66	3766642.00	0.02261	(81082421)
366533.66	3766642.00	0.02310	(81080903)	366553.66	3766642.00	0.02353	(81112422)
366573.66	3766642.00	0.02390	(81121103)	366593.66	3766642.00	0.02419	(81012503)
366613.66	3766642.00	0.02439	(81022203)	366633.66	3766642.00	0.02450	(81021405)
366653.66	3766642.00	0.02452	(81090724)	366673.66	3766642.00	0.02444	(81022624)
366693.66	3766642.00	0.02426	(81120323)	366713.66	3766642.00	0.02403	(81122307)
366733.66	3766642.00	0.02370	(81011008)	366753.66	3766642.00	0.02330	(81021323)
366773.66	3766642.00	0.02285	(81081622)	366793.66	3766642.00	0.02294	(81122919)
366813.66	3766642.00	0.02343	(81021603)	366833.66	3766642.00	0.02397	(81021603)
366853.66	3766642.00	0.02452	(81012019)	366873.66	3766642.00	0.02509	(81092722)
366893.66	3766642.00	0.02569	(81022708)	366913.66	3766642.00	0.02632	(81112706)
366933.66	3766642.00	0.02698	(81123105)	366953.66	3766642.00	0.02767	(81090824)
366973.66	3766642.00	0.02840	(81051007)	367033.66	3766642.00	0.02918	(81092823)
367013.66	3766642.00	0.03001	(81030124)	367073.66	3766642.00	0.03090	(81070724)
367053.66	3766642.00	0.03185	(81051521)	367113.66	3766642.00	0.03287	(81122809)
367093.66	3766642.00	0.03397	(81060423)	367153.66	3766642.00	0.03514	(81083102)
367133.66	3766642.00	0.03641	(81102721)	367193.66	3766642.00	0.03776	(81110523)
367173.66	3766642.00	0.03920	(81030406)	367233.66	3766642.00	0.04074	(81061823)
367213.66	3766642.00	0.04235	(81030324)	367273.66	3766642.00	0.04404	(81010609)
367253.66	3766642.00	0.04577	(81042924)	367313.66	3766642.00	0.04751	(81032523)
367293.66	3766642.00	0.04923	(81041305)	367353.66	3766642.00	0.05092	(81022308)
367333.66	3766642.00	0.05257	(81040506)	367393.66	3766642.00	0.05422	(81041304)
367373.66	3766642.00	0.05593	(81042207)	367433.66	3766642.00	0.05776	(81050521)

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc

**MODELOPTS: CONC

URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365613.66	3766642.00	0.05974	(81061105)	365633.66	3766642.00	0.06193	(81070423)
365653.66	3766642.00	0.06450	(81011708)	365673.66	3766642.00	0.06758	(81042706)
365693.66	3766642.00	0.07108	(81101218)	365713.66	3766642.00	0.07499	(81092420)
365733.66	3766642.00	0.07937	(81052122)	365753.66	3766642.00	0.08419	(81032822)
365773.66	3766642.00	0.08900	(81122918)	365793.66	3766642.00	0.09307	(81061219)
365813.66	3766642.00	0.09603	(81050722)	365833.66	3766642.00	0.09831	(81110901)
365853.66	3766642.00	0.10069	(81072620)	365873.66	3766642.00	0.10327	(81020921)
365893.66	3766642.00	0.10579	(81061705)	365913.66	3766642.00	0.10793	(81030819)
365933.66	3766642.00	0.10984	(81081004)	365953.66	3766642.00	0.12331	(81032802)
365973.66	3766642.00	0.14581	(81030603)	365993.66	3766642.00	0.17688	(81030603)
366013.66	3766642.00	0.21228	(81070606)	366033.66	3766642.00	0.25992	(81061205)
366053.66	3766642.00	0.32297	(81010306)	366073.66	3766642.00	0.33548	(81021023)
366093.66	3766642.00	0.35890	(81052623)	366113.66	3766642.00	0.34730	(81021102)
366133.66	3766642.00	0.31248	(81121301)	366153.66	3766642.00	0.26889	(81040105)
366173.66	3766642.00	0.22686	(81080902)	366193.66	3766642.00	0.20932	(81090504)
366213.66	3766642.00	0.17317	(81050623)	366233.66	3766642.00	0.14629	(81080223)
366253.66	3766642.00	0.12712	(81051003)	366273.66	3766642.00	0.11269	(81071824)
366293.66	3766642.00	0.10142	(81122704)	366313.66	3766642.00	0.09236	(81111419)
366333.66	3766642.00	0.08492	(81040502)	366353.66	3766642.00	0.07868	(81080202)
366373.66	3766642.00	0.07332	(81071824)	366393.66	3766642.00	0.06856	(81112120)
366413.66	3766642.00	0.06431	(81032701)	366433.66	3766642.00	0.06051	(81100623)
366453.66	3766642.00	0.05711	(81111705)	366473.66	3766642.00	0.05406	(81111024)
366493.66	3766642.00	0.05132	(81112020)	366513.66	3766662.00	0.02121	(81092921)
366533.66	3766662.00	0.02162	(81040523)	366553.66	3766662.00	0.02199	(81082021)
366573.66	3766662.00	0.02230	(81121619)	366593.66	3766662.00	0.02254	(81052703)
366613.66	3766662.00	0.02270	(81102322)	366633.66	3766662.00	0.02280	(81050303)
366653.66	3766662.00	0.02282	(81090724)	366673.66	3766662.00	0.02275	(81112906)
366693.66	3766662.00	0.02262	(81120323)	366713.66	3766662.00	0.02240	(81121503)
366733.66	3766662.00	0.02213	(81011301)	366753.66	3766662.00	0.02180	(81021821)
366773.66	3766662.00	0.02147	(81050807)	366793.66	3766662.00	0.02191	(81111023)
366813.66	3766662.00	0.02236	(81031608)	366833.66	3766662.00	0.02283	(81112706)
366853.66	3766662.00	0.02332	(81123105)	366873.66	3766662.00	0.02382	(81090824)
366893.66	3766662.00	0.02435	(81051007)	366913.66	3766662.00	0.02492	(81022323)
366933.66	3766662.00	0.02551	(81111205)	366953.66	3766662.00	0.02613	(81051622)
366973.66	3766662.00	0.02679	(81111902)	367033.66	3766662.00	0.02749	(81071222)
367013.66	3766662.00	0.02823	(81122809)	367073.66	3766662.00	0.02902	(81060423)
367053.66	3766662.00	0.02986	(81083102)	367113.66	3766662.00	0.03077	(81011518)
367093.66	3766662.00	0.03173	(81122807)	367153.66	3766662.00	0.03275	(81032521)
367133.66	3766662.00	0.03384	(81032208)	367193.66	3766662.00	0.03499	(81051621)
367173.66	3766662.00	0.03621	(81030324)	367233.66	3766662.00	0.03749	(81010609)

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc

**MODELOPTS: CONC

URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

Coop.POU.txt
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365413.66	3766662.00	0.03882	(81011009)	365433.66	3766662.00	0.04018	(81042301)
365453.66	3766662.00	0.04156	(81083104)	365473.66	3766662.00	0.04294	(81070323)
365493.66	3766662.00	0.04429	(81032806)	365513.66	3766662.00	0.04560	(81082321)
365533.66	3766662.00	0.04689	(81011519)	365553.66	3766662.00	0.04818	(81040621)
365573.66	3766662.00	0.04952	(81122503)	365593.66	3766662.00	0.05093	(81010706)
365613.66	3766662.00	0.05246	(81061303)	365633.66	3766662.00	0.05414	(81012205)
365653.66	3766662.00	0.05610	(81012324)	365673.66	3766662.00	0.05834	(81010703)
365693.66	3766662.00	0.06086	(81042121)	365713.66	3766662.00	0.06364	(81012018)
365733.66	3766662.00	0.06671	(81011723)	365753.66	3766662.00	0.07000	(81022218)
365773.66	3766662.00	0.07326	(81082221)	365793.66	3766662.00	0.07613	(81010704)
365813.66	3766662.00	0.07836	(81031818)	365833.66	3766662.00	0.07993	(81092423)
365853.66	3766662.00	0.08122	(81070303)	365873.66	3766662.00	0.08263	(81091720)
365893.66	3766662.00	0.08423	(81070601)	365913.66	3766662.00	0.08577	(81030719)
365933.66	3766662.00	0.08714	(81061705)	365953.66	3766662.00	0.08827	(81030819)
365973.66	3766662.00	0.09508	(81021603)	365993.66	3766662.00	0.10499	(81032801)
366013.66	3766662.00	0.11721	(81080406)	366033.66	3766662.00	0.13310	(81121903)
366053.66	3766662.00	0.15460	(81111021)	366073.66	3766662.00	0.18490	(81092305)
366093.66	3766662.00	0.21502	(81070724)	366113.66	3766662.00	0.23945	(81071621)
366133.66	3766662.00	0.27498	(81040322)	366153.66	3766662.00	0.31375	(81070405)
366173.66	3766662.00	0.33974	(81030204)	366193.66	3766662.00	0.28577	(81090923)
366213.66	3766662.00	0.36542	(81122420)	366233.66	3766662.00	0.30364	(81110821)
366253.66	3766662.00	0.24603	(81060304)	366273.66	3766662.00	0.20126	(81072724)
366293.66	3766662.00	0.16852	(81050405)	366313.66	3766662.00	0.14444	(81050306)
366333.66	3766662.00	0.12637	(81112020)	366353.66	3766662.00	0.11184	(81112020)
366373.66	3766662.00	0.10007	(81110823)	366393.66	3766662.00	0.09040	(81112002)
366413.66	3766662.00	0.08238	(81031405)	366433.66	3766662.00	0.07566	(81011703)
366453.66	3766662.00	0.06996	(81050405)	366473.66	3766662.00	0.06507	(81061523)
366493.66	3766662.00	0.06084	(81082105)	366513.66	3766662.00	0.01994	(81031607)
366533.66	3766662.00	0.02028	(81122718)	366553.66	3766662.00	0.02058	(81032420)
366573.66	3766662.00	0.02086	(81061621)	366593.66	3766662.00	0.02106	(81010904)
366613.66	3766662.00	0.02121	(81102322)	366633.66	3766662.00	0.02129	(81030801)
366653.66	3766662.00	0.02131	(81091804)	366673.66	3766662.00	0.02126	(81112906)
366693.66	3766662.00	0.02114	(81122402)	366713.66	3766662.00	0.02097	(81120720)
366733.66	3766662.00	0.02074	(81091620)	366753.66	3766662.00	0.02045	(81032823)
366773.66	3766662.00	0.02056	(81111720)	366793.66	3766662.00	0.02095	(81082101)
366813.66	3766662.00	0.02136	(81040522)	366833.66	3766662.00	0.02178	(81051007)
366853.66	3766662.00	0.02222	(81092823)	366873.66	3766662.00	0.02268	(81021908)
366893.66	3766662.00	0.02317	(81031222)	366913.66	3766662.00	0.02367	(81123123)
366933.66	3766662.00	0.02421	(81032321)	366953.66	3766662.00	0.02477	(81122809)
366973.66	3766662.00	0.02536	(81060423)	366993.66	3766662.00	0.02599	(81101920)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365213.66	3766682.00	0.02666	(81031806)	365233.66	3766682.00	0.02737	(81051302)
365253.66	3766682.00	0.02812	(81110523)	365273.66	3766682.00	0.02892	(81032521)
365293.66	3766682.00	0.02977	(81111401)	365313.66	3766682.00	0.03065	(81051621)
365333.66	3766682.00	0.03161	(81030324)	365353.66	3766682.00	0.03259	(81032323)
365373.66	3766682.00	0.03363	(81011009)	365393.66	3766682.00	0.03472	(81010221)
365413.66	3766682.00	0.03582	(81101123)	365433.66	3766682.00	0.03694	(81022320)
365453.66	3766682.00	0.03807	(81080407)	365473.66	3766682.00	0.03918	(81031523)
365493.66	3766682.00	0.04027	(81011423)	365513.66	3766682.00	0.04133	(81011519)
365533.66	3766682.00	0.04238	(81040621)	365553.66	3766682.00	0.04343	(81102908)
365573.66	3766682.00	0.04451	(81122401)	365593.66	3766682.00	0.04565	(81012021)
365613.66	3766682.00	0.04688	(81100122)	365633.66	3766682.00	0.04823	(81030303)
365653.66	3766682.00	0.04975	(81102322)	365673.66	3766682.00	0.05147	(81112906)
365693.66	3766682.00	0.05336	(81110521)	365713.66	3766682.00	0.05544	(81041920)
365733.66	3766682.00	0.05770	(81020519)	365753.66	3766682.00	0.06006	(81070522)
365773.66	3766682.00	0.06238	(81081003)	365793.66	3766682.00	0.06448	(81100519)
365813.66	3766682.00	0.06618	(81032922)	365833.66	3766682.00	0.06744	(81100206)
365853.66	3766682.00	0.06832	(81081022)	365873.66	3766682.00	0.06909	(81061301)
365893.66	3766682.00	0.06998	(81080823)	365913.66	3766682.00	0.07103	(81072620)
365933.66	3766682.00	0.07211	(81080323)	365953.66	3766682.00	0.07308	(81071123)
365973.66	3766682.00	0.07393	(81091522)	365993.66	3766682.00	0.07500	(81030819)
366013.66	3766682.00	0.08064	(81040522)	366033.66	3766682.00	0.08730	(81090824)
366053.66	3766682.00	0.09528	(81082101)	366073.66	3766682.00	0.10503	(81082022)
366093.66	3766682.00	0.11720	(81102222)	366113.66	3766682.00	0.13276	(81111023)
366133.66	3766682.00	0.15315	(81021603)	366153.66	3766682.00	0.18643	(81100922)
366173.66	3766682.00	0.23081	(81092801)	366193.66	3766682.00	0.28076	(81091303)
366213.66	3766682.00	0.32473	(81090902)	366233.66	3766682.00	0.35250	(81022702)
366253.66	3766682.00	0.35445	(81071902)	366273.66	3766682.00	0.33318	(81062502)
366293.66	3766682.00	0.29744	(81021501)	366313.66	3766682.00	0.27934	(81120204)
366333.66	3766682.00	0.23709	(81010823)	366353.66	3766682.00	0.18494	(81092501)
366373.66	3766682.00	0.15121	(81071124)	366393.66	3766682.00	0.12799	(81030306)
366413.66	3766682.00	0.11110	(81112203)	366433.66	3766682.00	0.09832	(81112203)
366453.66	3766682.00	0.08827	(81072402)	366473.66	3766682.00	0.08023	(81091703)
366493.66	3766682.00	0.07359	(81091703)	366513.66	3766702.00	0.01879	(81021524)
366533.66	3766702.00	0.01910	(81030303)	366553.66	3766702.00	0.01936	(81110524)
366573.66	3766702.00	0.01958	(81022606)	366593.66	3766702.00	0.01976	(81121704)
366613.66	3766702.00	0.01988	(81031822)	366633.66	3766702.00	0.01995	(81092121)
366653.66	3766702.00	0.01996	(81091804)	366673.66	3766702.00	0.01992	(81030904)
366693.66	3766702.00	0.01982	(81010703)	366713.66	3766702.00	0.01967	(81120418)
366733.66	3766702.00	0.01948	(81110521)	366753.66	3766702.00	0.01936	(81051007)
366773.66	3766702.00	0.01971	(81091322)	366793.66	3766702.00	0.02007	(81100607)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

Coop.POU.txt

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365013.66	3766702.00	0.02044	(81100105)	365033.66	3766702.00	0.02082	(81070724)
365053.66	3766702.00	0.02123	(81070802)	365073.66	3766702.00	0.02165	(81032321)
365093.66	3766702.00	0.02209	(81122809)	365113.66	3766702.00	0.02255	(81041701)
365133.66	3766702.00	0.02304	(81102502)	365153.66	3766702.00	0.02355	(81031806)
365173.66	3766702.00	0.02409	(81102721)	365193.66	3766702.00	0.02466	(81122807)
365213.66	3766702.00	0.02526	(81032521)	365233.66	3766702.00	0.02591	(81030406)
365253.66	3766702.00	0.02658	(81101908)	365273.66	3766702.00	0.02727	(81101808)
365293.66	3766702.00	0.02804	(81030324)	365313.66	3766702.00	0.02882	(81032323)
365333.66	3766702.00	0.02964	(81041903)	365353.66	3766702.00	0.03051	(81062501)
365373.66	3766702.00	0.03140	(81092724)	365393.66	3766702.00	0.03231	(81083104)
365413.66	3766702.00	0.03324	(81121202)	365433.66	3766702.00	0.03418	(81022308)
365453.66	3766702.00	0.03511	(81030323)	365473.66	3766702.00	0.03604	(81051303)
365493.66	3766702.00	0.03694	(81011519)	365513.66	3766702.00	0.03783	(81110120)
365533.66	3766702.00	0.03871	(81122909)	365553.66	3766702.00	0.03959	(81021722)
365573.66	3766702.00	0.04049	(81100202)	365593.66	3766702.00	0.04144	(81032522)
365613.66	3766702.00	0.04246	(81011408)	365633.66	3766702.00	0.04356	(81061822)
365653.66	3766702.00	0.04479	(81091520)	365673.66	3766702.00	0.04614	(81101706)
365693.66	3766702.00	0.04762	(81042706)	365713.66	3766702.00	0.04922	(81021323)
365733.66	3766702.00	0.05092	(81073119)	365753.66	3766702.00	0.05268	(81011723)
365773.66	3766702.00	0.05440	(81090621)	365793.66	3766702.00	0.05598	(81122303)
365813.66	3766702.00	0.05730	(81072219)	365833.66	3766702.00	0.05832	(81081019)
365853.66	3766702.00	0.05904	(81102221)	365873.66	3766702.00	0.05957	(81081623)
365893.66	3766702.00	0.06005	(81073121)	365913.66	3766702.00	0.06063	(81061723)
365933.66	3766702.00	0.06136	(81082622)	365953.66	3766702.00	0.06215	(81082621)
365973.66	3766702.00	0.06288	(81020921)	365993.66	3766702.00	0.06359	(81090624)
366013.66	3766702.00	0.06444	(81091522)	366033.66	3766702.00	0.06576	(81082223)
366053.66	3766702.00	0.06971	(81030401)	366073.66	3766702.00	0.07453	(81041303)
366093.66	3766702.00	0.08016	(81083102)	366113.66	3766702.00	0.08680	(81031806)
366133.66	3766702.00	0.09472	(81102721)	366153.66	3766702.00	0.10490	(81090904)
366173.66	3766702.00	0.11876	(81102221)	366193.66	3766702.00	0.13761	(81091522)
366213.66	3766702.00	0.16281	(81082921)	366233.66	3766702.00	0.19905	(81032123)
366253.66	3766702.00	0.24033	(81100701)	366273.66	3766702.00	0.28718	(81040823)
366293.66	3766702.00	0.32703	(81082623)	366313.66	3766702.00	0.34981	(81070121)
366333.66	3766702.00	0.34727	(81010618)	366353.66	3766702.00	0.28999	(81082903)
366373.66	3766702.00	0.24150	(81091506)	366393.66	3766702.00	0.20070	(81121006)
366413.66	3766702.00	0.16710	(81091823)	366433.66	3766702.00	0.14110	(81050724)
366453.66	3766702.00	0.12106	(81110119)	366473.66	3766702.00	0.10575	(81122920)
366493.66	3766702.00	0.09386	(81011721)	364713.66	3766722.00	0.01776	(81031503)
364733.66	3766722.00	0.01802	(81112422)	364753.66	3766722.00	0.01824	(81030407)
364773.66	3766722.00	0.01844	(81090922)	364793.66	3766722.00	0.01859	(81032421)

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**MODELOPTS: CONC

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
 L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
 L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
364813.66	3766722.00	0.01869	(81012522)	364833.66	3766722.00	0.01875	(81040604)
364853.66	3766722.00	0.01877	(81091804)	364873.66	3766722.00	0.01873	(81121322)
364893.66	3766722.00	0.01865	(81092320)	364913.66	3766722.00	0.01853	(81031424)
364933.66	3766722.00	0.01835	(81020201)	364953.66	3766722.00	0.01861	(81100105)
364973.66	3766722.00	0.01893	(81070724)	364993.66	3766722.00	0.01926	(81070802)
365013.66	3766722.00	0.01960	(81032321)	365033.66	3766722.00	0.01995	(81122809)
365053.66	3766722.00	0.02032	(81010305)	365073.66	3766722.00	0.02071	(81041303)
365093.66	3766722.00	0.02112	(81083102)	365113.66	3766722.00	0.02154	(81112705)
365133.66	3766722.00	0.02199	(81051302)	365153.66	3766722.00	0.02246	(81120319)
365173.66	3766722.00	0.02295	(81032521)	365193.66	3766722.00	0.02347	(81032208)
365213.66	3766722.00	0.02402	(81061823)	365233.66	3766722.00	0.02458	(81101808)
365253.66	3766722.00	0.02520	(81051304)	365273.66	3766722.00	0.02583	(81032323)
365293.66	3766722.00	0.02650	(81041903)	365313.66	3766722.00	0.02719	(81042924)
365333.66	3766722.00	0.02791	(81011618)	365353.66	3766722.00	0.02866	(81081102)
365373.66	3766722.00	0.02943	(81070424)	365393.66	3766722.00	0.03021	(81040623)
365413.66	3766722.00	0.03101	(81021319)	365433.66	3766722.00	0.03181	(81112421)
365453.66	3766722.00	0.03260	(81051303)	365473.66	3766722.00	0.03338	(81011519)
365493.66	3766722.00	0.03415	(81042207)	365513.66	3766722.00	0.03490	(81021921)
365533.66	3766722.00	0.03565	(81012003)	365553.66	3766722.00	0.03641	(81122802)
365573.66	3766722.00	0.03718	(81041321)	365593.66	3766722.00	0.03798	(81042722)
365613.66	3766722.00	0.03884	(81042222)	365633.66	3766722.00	0.03977	(81120208)
365653.66	3766722.00	0.04077	(81102322)	365673.66	3766722.00	0.04186	(81110818)
365693.66	3766722.00	0.04305	(81061722)	365713.66	3766722.00	0.04431	(81123019)
365733.66	3766722.00	0.04563	(81020308)	365753.66	3766722.00	0.04698	(81041020)
365773.66	3766722.00	0.04829	(81042221)	365793.66	3766722.00	0.04950	(81010118)
365813.66	3766722.00	0.05054	(81121005)	365833.66	3766722.00	0.05137	(81102219)
365853.66	3766722.00	0.05199	(81022024)	365873.66	3766722.00	0.05242	(81070603)
365893.66	3766722.00	0.05273	(81030919)	365913.66	3766722.00	0.05304	(81041404)
365933.66	3766722.00	0.05344	(81041021)	365953.66	3766722.00	0.05396	(81091706)
365973.66	3766722.00	0.05456	(81072620)	365993.66	3766722.00	0.05517	(81091924)
366013.66	3766722.00	0.05577	(81031224)	366033.66	3766722.00	0.05650	(81090624)
366053.66	3766722.00	0.05747	(81061705)	366073.66	3766722.00	0.05869	(81092003)
366093.66	3766722.00	0.06124	(81101808)	366113.66	3766722.00	0.06482	(81112905)
366133.66	3766722.00	0.06888	(81082422)	366153.66	3766722.00	0.07414	(81062821)
366173.66	3766722.00	0.08078	(81091607)	366193.66	3766722.00	0.08871	(81021519)
366213.66	3766722.00	0.09836	(81021324)	366233.66	3766722.00	0.11047	(81091706)
366253.66	3766722.00	0.12641	(81021802)	366273.66	3766722.00	0.14741	(81080103)
366293.66	3766722.00	0.17426	(81080602)	366313.66	3766722.00	0.20861	(81010519)
366333.66	3766722.00	0.22774	(81082804)	366353.66	3766722.00	0.23356	(81050621)
366373.66	3766722.00	0.23335	(81071724)	366393.66	3766722.00	0.22734	(81011824)

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**MODELOPTS: CONC

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
 L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
 L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
366413.66	3766722.00	0.21519	(81061423)	366433.66	3766722.00	0.19751	(81031124)
366453.66	3766722.00	0.21774	(81030720)	366473.66	3766722.00	0.18032	(81021901)
366493.66	3766722.00	0.15580	(81091823)	364713.66	3766742.00	0.01682	(81040523)

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364733.66	3766742.00	0.01705	(81041521)	364733.66	3766742.00	0.01725	(81121103)	
364773.66	3766742.00	0.01740	(81021418)	364793.66	3766742.00	0.01754	(81091904)	
364813.66	3766742.00	0.01763	(81012522)	364833.66	3766742.00	0.01768	(81040604)	
364853.66	3766742.00	0.01769	(81091804)	364873.66	3766742.00	0.01767	(81121322)	
364893.66	3766742.00	0.01760	(81042622)	364913.66	3766742.00	0.01750	(81071822)	
364933.66	3766742.00	0.01764	(81121323)	364953.66	3766742.00	0.01792	(81032321)	
364973.66	3766742.00	0.01821	(81122809)	364993.66	3766742.00	0.01851	(81042224)	
365013.66	3766742.00	0.01883	(81093020)	365033.66	3766742.00	0.01916	(81083102)	
365053.66	3766742.00	0.01950	(81031806)	365073.66	3766742.00	0.01985	(81102721)	
365093.66	3766742.00	0.02023	(81122807)	365113.66	3766742.00	0.02062	(81031804)	
365133.66	3766742.00	0.02103	(81030406)	365153.66	3766742.00	0.02147	(81111401)	
365173.66	3766742.00	0.02192	(81051621)	365193.66	3766742.00	0.02239	(81101808)	
365213.66	3766742.00	0.02289	(81051304)	365233.66	3766742.00	0.02341	(81032323)	
365253.66	3766742.00	0.02395	(81041903)	365273.66	3766742.00	0.02452	(81081921)	
365293.66	3766742.00	0.02511	(81010221)	365313.66	3766742.00	0.02572	(81032523)	
365333.66	3766742.00	0.02636	(81083104)	365353.66	3766742.00	0.02702	(81041305)	
365373.66	3766742.00	0.02769	(81080407)	365393.66	3766742.00	0.02837	(81032806)	
365413.66	3766742.00	0.02905	(81110807)	365433.66	3766742.00	0.02974	(81033107)	
365453.66	3766742.00	0.03042	(81011519)	365473.66	3766742.00	0.03110	(81060503)	
365493.66	3766742.00	0.03176	(81012219)	365513.66	3766742.00	0.03241	(81060424)	
365533.66	3766742.00	0.03306	(81123020)	365553.66	3766742.00	0.03372	(81040301)	
365573.66	3766742.00	0.03439	(81032522)	365593.66	3766742.00	0.03509	(81040206)	
365613.66	3766742.00	0.03582	(81122718)	365633.66	3766742.00	0.03660	(81061621)	
365653.66	3766742.00	0.03744	(81031822)	365673.66	3766742.00	0.03835	(81061706)	
365693.66	3766742.00	0.03931	(81061522)	365713.66	3766742.00	0.04032	(81032601)	
365733.66	3766742.00	0.04137	(81101818)	365753.66	3766742.00	0.04243	(81041120)	
365773.66	3766742.00	0.04345	(81053120)	365793.66	3766742.00	0.04439	(81033121)	
365813.66	3766742.00	0.04522	(81031620)	365833.66	3766742.00	0.04590	(81091001)	
365853.66	3766742.00	0.04643	(81082822)	365873.66	3766742.00	0.04681	(81011620)	
365893.66	3766742.00	0.04706	(81070603)	365913.66	3766742.00	0.04726	(81063001)	
365933.66	3766742.00	0.04747	(81021324)	365953.66	3766742.00	0.04775	(81070303)	
365973.66	3766742.00	0.04814	(81090503)	365993.66	3766742.00	0.04861	(81082724)	
366013.66	3766742.00	0.04912	(81081504)	366033.66	3766742.00	0.04966	(81080323)	
366053.66	3766742.00	0.05028	(81030719)	366073.66	3766742.00	0.05105	(81090624)	
366093.66	3766742.00	0.05196	(81061705)	366113.66	3766742.00	0.05304	(81092003)	
366133.66	3766742.00	0.05444	(81080103)	366153.66	3766742.00	0.05777	(81081003)	
366173.66	3766742.00	0.06167	(81083124)	366193.66	3766742.00	0.06611	(81062323)	

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

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366213.66	3766742.00	0.07122	(81082601)	366233.66	3766742.00	0.07714	(81031619)	366213.66	3766742.00	0.07714	(81031619)
366253.66	3766742.00	0.08412	(81061301)	366273.66	3766742.00	0.09288	(81021705)	366253.66	3766742.00	0.09288	(81021705)
366293.66	3766742.00	0.10364	(81061705)	366313.66	3766742.00	0.11652	(81092003)	366293.66	3766742.00	0.11652	(81092003)
366333.66	3766742.00	0.13104	(81100922)	366353.66	3766742.00	0.14347	(81092801)	366333.66	3766742.00	0.14347	(81092801)
366373.66	3766742.00	0.15520	(81020107)	366393.66	3766742.00	0.16705	(81110420)	366373.66	3766742.00	0.16705	(81110420)
366413.66	3766742.00	0.18222	(81022419)	366433.66	3766742.00	0.19989	(81021023)	366413.66	3766742.00	0.19989	(81021023)
366453.66	3766742.00	0.21446	(81060801)	366473.66	3766742.00	0.21957	(81070102)	366453.66	3766742.00	0.21957	(81070102)
366493.66	3766742.00	0.21059	(81060421)	366488.66	3766742.00	0.09579	(81021003)	366493.66	3766742.00	0.09579	(81021003)
366473.66	3766742.00	0.10780	(81112919)	366488.66	3766742.00	0.13856	(81112503)	366473.66	3766742.00	0.13856	(81112503)
366483.66	3766742.00	0.22436	(81031205)	366488.66	3766742.00	0.28042	(81121106)	366483.66	3766742.00	0.28042	(81121106)
366493.66	3766742.00	0.17657	(81050605)	366498.66	3766742.00	0.10814	(81101504)	366493.66	3766742.00	0.10814	(81101504)
366503.66	3766742.00	0.07342	(81050401)	366508.66	3766742.00	0.05362	(81022706)	366503.66	3766742.00	0.05362	(81022706)
366513.66	3766742.00	0.04116	(81100103)	366518.66	3766742.00	0.03276	(81031606)	366513.66	3766742.00	0.03276	(81031606)
366523.66	3766742.00	0.02695	(81022421)	366528.66	3766742.00	0.02370	(81031508)	366523.66	3766742.00	0.02370	(81031508)
366533.66	3766742.00	0.02342	(81011201)	366538.66	3766742.00	0.02318	(81030122)	366533.66	3766742.00	0.02318	(81030122)
366543.66	3766742.00	0.02293	(81031404)	366548.66	3766742.00	0.02237	(81050804)	366543.66	3766742.00	0.02237	(81050804)
366553.66	3766742.00	0.02209	(81031205)	366558.66	3766742.00	0.02182	(81020802)	366553.66	3766742.00	0.02182	(81020802)
366563.66	3766742.00	0.02132	(81020321)	366568.66	3766742.00	0.02077	(81103119)	366563.66	3766742.00	0.02077	(81103119)
366573.66	3766742.00	0.02020	(81040224)	366578.66	3766742.00	0.01962	(81101503)	366573.66	3766742.00	0.01962	(81101503)
366583.66	3766742.00	0.01903	(81050602)	366588.66	3766742.00	0.01844	(81032803)	366583.66	3766742.00	0.01844	(81032803)
366593.66	3766742.00	0.01784	(81112520)	366598.66	3766742.00	0.01724	(81110921)	366593.66	3766742.00	0.01724	(81110921)
366603.66	3766742.00	0.01664	(81111803)	366608.66	3766742.00	0.01605	(81022623)	366603.66	3766742.00	0.01605	(81022623)
366613.66	3766742.00	0.01547	(81120222)	366618.66	3766742.00	0.01492	(81072404)	366613.66	3766742.00	0.01492	(81072404)
366623.66	3766742.00	0.01438	(81021207)	366628.66	3766742.00	0.01388	(81061606)	366623.66	3766742.00	0.01388	(81061606)
366633.66	3766742.00	0.01340	(81012624)	366638.66	3766742.00	0.01296	(81080206)	366633.66	3766742.00	0.01296	(81080206)
366643.66	3766742.00	0.01253	(81091306)	366648.66	3766742.00	0.01213	(81032302)	366643.66	3766742.00	0.01213	(81032302)
366653.66	3766742.00	0.01175	(81050403)	366658.66	3766742.00	0.01067	(81122522)	366653.66	3766742.00	0.01067	(81122522)
366663.66	3766742.00	0.01245	(81031023)	366668.66	3766742.00	0.08182	(81100904)	366663.66	3766742.00	0.08182	(81100904)
366673.66	3766742.00	0.01323	(81061805)	366678.66	3766742.00	0.07694	(81083102)	366673.66	3766742.00	0.07694	(81083102)
366683.66	3766742.00	0.01412	(81020224)	366688.66	3766742.00	0.07145	(81032523)	366683.66	3766742.00	0.07145	(81032523)
366693.66	3766742.00	0.01515	(81111101)	366698.66	3766742.00	0.06180	(81012307)	366693.66	3766742.00	0.06180	(81012307)
366703.66	3766742.00	0.01637	(81022601)	366708.66	3766742.00	0.05105	(81081706)	366703.66	3766742.00	0.05105	(81081706)
366713.66	3766742.00	0.01790	(81092503)	366718.66	3766742.00	0.04161	(81061903)	366713.66	3766742.00	0.04161	(81061903)
366723.66	3766742.00	0.02029	(81101002)	366728.66	3766742.00	0.03407	(81100202)	366723.66	3766742.00	0.03407	(81100202)
366733.66	3766742.00	0.02405	(81050503)	366738.66	3766742.00	0.02826	(81041702)	366733.66	3766742.00	0.02826	(81041702)
366743.66	3766742.00	0.02962	(81030824)	366748.66	3766742.00	0.02378	(81011706)	366743.66	3766742.00	0.02378	(81011706)
366753.66	3766742.00	0.03904	(81120902)	366758.66	3766742.00	0.02032	(81121807)	366753.66	3766742.00	0.02032	(81121807)
366763.66	3766742.00	0.05517	(81062503)	366768.66	3766742.00	0.01762	(81082421)	366763.66	3766742.00	0.01762	(81082421)
366773.66	3766742.00	0.09643	(81110119)	366778.66	3766742.00	0.01553	(81011020)	366773.66	3766742.00	0.01553	(81011020)
366783.66	3766742.00	0.01602	(81061822)	366788.66	3766742.00	0.01635	(81032421)	366783.66	3766742.00	0.01635	(81032421)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364838.66	3766767.00	0.01650	(81061502)	364888.66	3766767.00	0.01645	(81080123)	364838.66	3766767.00	0.01645	(81080123)
364938.66	3766767.00	0.01693	(81060423)	36498							

Coop.POU.txt
365738.66 3766767.00 0.03727 (81102220) 365788.66 3766767.00 0.03918 (81021604)
365838.66 3766767.00 0.04064 (81110304) 365888.66 3766767.00 0.04145 (81081019)
365938.66 3766767.00 0.04178 (81073023) 365988.66 3766767.00 0.04224 (81082921)
366038.66 3766767.00 0.04319 (81062305) 366088.66 3766767.00 0.04448 (81020921)
366138.66 3766767.00 0.04627 (81082706) 366188.66 3766767.00 0.04986 (81012605)
366238.66 3766767.00 0.05753 (81061220) 366288.66 3766767.00 0.06783 (81041404)
366338.66 3766767.00 0.08339 (81061705) 366388.66 3766767.00 0.10022 (81090222)
366438.66 3766767.00 0.11198 (81091303) 366488.66 3766767.00 0.12875 (81010421)
366538.66 3766767.00 0.12608 (81060801) 364663.66 3766092.00 0.07834 (81032501)
364713.66 3766092.00 0.08306 (81061204) 364763.66 3766092.00 0.09937 (81112503)
364813.66 3766092.00 0.14231 (81020804) 364863.66 3766092.00 0.19206 (81121502)
364913.66 3766092.00 0.17374 (81020407) 364963.66 3766092.00 0.11906 (81101223)
365013.66 3766092.00 0.08167 (81102202) 365063.66 3766092.00 0.05922 (8102301)
365113.66 3766092.00 0.04505 (81122506) 365163.66 3766092.00 0.03556 (81121222)
365213.66 3766092.00 0.02891 (81100103) 365263.66 3766092.00 0.02425 (81060324)
365313.66 3766092.00 0.02207 (81011201) 365363.66 3766092.00 0.02186 (81012102)
365413.66 3766092.00 0.02165 (81020602) 365463.66 3766092.00 0.02140 (81020804)
365513.66 3766092.00 0.02104 (81111906) 365563.66 3766092.00 0.02052 (81020802)
365613.66 3766092.00 0.02034 (81020603) 365663.66 3766092.00 0.01988 (81121502)
365713.66 3766092.00 0.01938 (81012901) 365763.66 3766092.00 0.01887 (81042021)
365813.66 3766092.00 0.01835 (81032207) 365863.66 3766092.00 0.01782 (81120823)
365913.66 3766092.00 0.01729 (81122806) 365963.66 3766092.00 0.01675 (81111724)
366013.66 3766092.00 0.01620 (81091906) 366063.66 3766092.00 0.01566 (81101223)
366113.66 3766092.00 0.01513 (81022623) 366163.66 3766092.00 0.01462 (81042006)
366213.66 3766092.00 0.01412 (81112624) 366263.66 3766092.00 0.01364 (81061802)
366313.66 3766092.00 0.01319 (81020324) 366363.66 3766092.00 0.01276 (81101823)
366413.66 3766092.00 0.01236 (81032024) 366463.66 3766092.00 0.01197 (81111624)
366513.66 3766092.00 0.01161 (81050801) 366563.66 3766092.00 0.01126 (81010921)
364663.66 3766142.00 0.09306 (81070324) 366563.66 3766142.00 0.01190 (81120119)
364663.66 3766192.00 0.07866 (81070405) 366563.66 3766192.00 0.01261 (81032006)
364663.66 3766242.00 0.06788 (81080406) 366563.66 3766242.00 0.01341 (81061504)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
364663.66	3766292.00	0.06357	(81032222)	366563.66	3766292.00	0.01433	(81120106)
364663.66	3766342.00	0.05780	(81111823)	366563.66	3766342.00	0.01541	(81022421)
364663.66	3766392.00	0.04999	(81051303)	366563.66	3766392.00	0.01673	(81051006)
364663.66	3766442.00	0.04201	(81082521)	366563.66	3766442.00	0.01853	(81050305)
364663.66	3766492.00	0.03503	(81012003)	366563.66	3766492.00	0.02153	(81050824)
364663.66	3766542.00	0.02932	(81012502)	366563.66	3766542.00	0.02579	(81112701)
364663.66	3766592.00	0.02479	(81042923)	366563.66	3766592.00	0.03248	(81091501)
364663.66	3766642.00	0.02122	(81032522)	366563.66	3766642.00	0.04357	(81050306)
364663.66	3766692.00	0.01840	(81042722)	366563.66	3766692.00	0.06230	(81071101)
364663.66	3766742.00	0.01617	(81041902)	366563.66	3766742.00	0.11023	(81121301)
364663.66	3766792.00	0.01441	(81011408)	364713.66	3766792.00	0.01486	(81030303)
364763.66	3766792.00	0.01522	(81090922)	364813.66	3766792.00	0.01542	(81010220)
364863.66	3766792.00	0.01547	(81040320)	364913.66	3766792.00	0.01593	(81083102)
364963.66	3766792.00	0.01652	(81051302)	365013.66	3766792.00	0.01716	(81032521)
365063.66	3766792.00	0.01787	(81061823)	365113.66	3766792.00	0.01866	(81051304)
365163.66	3766792.00	0.01952	(81041903)	365213.66	3766792.00	0.02048	(81102105)
365263.66	3766792.00	0.02153	(81111823)	365313.66	3766792.00	0.02264	(81080407)
365363.66	3766792.00	0.02386	(81010318)	365413.66	3766792.00	0.02510	(81061304)
365463.66	3766792.00	0.02633	(81122909)	365513.66	3766792.00	0.02754	(81021421)
365563.66	3766792.00	0.02875	(81042722)	365613.66	3766792.00	0.03003	(81061822)
365663.66	3766792.00	0.03143	(81111923)	365713.66	3766792.00	0.03296	(81101519)
365763.66	3766792.00	0.03451	(81040119)	365813.66	3766792.00	0.03585	(81110719)
365863.66	3766792.00	0.03679	(81092919)	365913.66	3766792.00	0.03724	(81042920)
365963.66	3766792.00	0.03741	(81082703)	366013.66	3766792.00	0.03775	(81111622)
366063.66	3766792.00	0.03854	(81082622)	366113.66	3766792.00	0.03967	(81091924)
366163.66	3766792.00	0.04109	(81071123)	366213.66	3766792.00	0.04339	(81061705)
366263.66	3766792.00	0.04853	(81061622)	366313.66	3766792.00	0.05555	(81070421)
366363.66	3766792.00	0.06557	(81102023)	366413.66	3766792.00	0.07610	(81080602)
366463.66	3766792.00	0.08314	(81100703)	366513.66	3766792.00	0.08906	(81040221)
366563.66	3766792.00	0.09059	(81111219)	364613.66	3766042.00	0.05519	(81011604)
364688.66	3766042.00	0.05788	(81040303)	364763.66	3766042.00	0.07530	(81122324)
364838.66	3766042.00	0.10402	(81121505)	364913.66	3766042.00	0.10556	(81110806)
364988.66	3766042.00	0.07595	(81110921)	365063.66	3766042.00	0.05150	(81032503)
365138.66	3766042.00	0.03649	(81040102)	365213.66	3766042.00	0.02719	(81020503)
365288.66	3766042.00	0.02137	(81082104)	365363.66	3766042.00	0.01940	(81122324)
365438.66	3766042.00	0.01918	(81020804)	365513.66	3766042.00	0.01862	(81031205)
365588.66	3766042.00	0.01841	(81122603)	365663.66	3766042.00	0.01788	(81121502)
365738.66	3766042.00	0.01729	(81122302)	365813.66	3766042.00	0.01666	(81110707)
365888.66	3766042.00	0.01601	(81020407)	365963.66	3766042.00	0.01535	(81021801)
366038.66	3766042.00	0.01468	(81050703)	366113.66	3766042.00	0.01402	(81032702)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
366188.66	3766042.00	0.01338	(811110403)	366263.66	3766042.00	0.01276	(81100824)
366338.66	3766042.00	0.01219	(81022122)	366413.66	3766042.00	0.01166	(81092005)
366488.66	3766042.00	0.01116	(81112001)	366563.66	3766042.00	0.01069	(81111624)
364613.66	3766117.00	0.07504	(81012706)	366563.66	3766117.00	0.01157	(81030806)
364613.66	3766192.00	0.06176	(81081922)	366563.66	3766192.00	0.01261	(81032006)
364613.66	3766267.00	0.05101	(81082022)	366563.66	3766267.00	0.01385	(81100103)
364613.66	3766342.00	0.04467	(81041903)	366563.66	3766342.00	0.01541	(81022421)
364613.66	3766417.00	0.03748	(81030323)	366563.66	3766417.00	0.01753	(81110902)
364613.66	3766492.00	0.03025	(81110120)	366563.66	3766492.00	0.02153	(81050824)
364613.66	3766567.00	0.02424	(81012003)	366563.66	3766567.00	0.02869	(81121422)
364613.66	3766642.00	0.01971	(81061624)	366563.66	3766642.00	0.04357	(81050306)
364613.66	3766717.00	0.01635	(81061303)	366563.66	3766717.00	0.08271	(81110119)
364613.66	3766792.00	0.01388	(81122505)	366563.66	3766792.00	0.09059	(81111219)
364613.66	3766867.00	0.01210	(81100122)	364688.66	3766867.00	0.01254	(81040523)
364763.66	3766867.00	0.01300	(81112705)	364838.66	3766867.00	0.01356	(81032521)

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364913.66 3766867.00 0.01420 (81051621) 364988.66 3766867.00 0.01492 (81051002)
365063.66 3766867.00 0.01573 (81042924) 365138.66 3766867.00 0.01665 (81041703)
365213.66 3766867.00 0.01767 (81080407) 365288.66 3766867.00 0.01881 (81012307)
365363.66 3766867.00 0.02002 (81042207) 365438.66 3766867.00 0.02126 (81011304)
365513.66 3766867.00 0.02249 (81101006) 365588.66 3766867.00 0.02373 (81112422)
365663.66 3766867.00 0.02500 (81112018) 365738.66 3766867.00 0.02628 (81052621)
365813.66 3766867.00 0.02740 (81061704) 365888.66 3766867.00 0.02812 (81040702)
365963.66 3766867.00 0.02838 (81010301) 366038.66 3766867.00 0.02841 (81032920)
366113.66 3766867.00 0.02886 (81010606) 366188.66 3766867.00 0.02993 (81100123)
366263.66 3766867.00 0.03141 (81080323) 366338.66 3766867.00 0.03412 (81110822)
366413.66 3766867.00 0.03904 (81071123) 366488.66 3766867.00 0.04527 (81091522)
366563.66 3766867.00 0.04957 (81031105) 364513.66 3765942.00 0.03343 (81061204)
364613.66 3765942.00 0.03404 (81070401) 364713.66 3765942.00 0.03991 (81042723)
364813.66 3765942.00 0.04945 (81031506) 364913.66 3765942.00 0.05132 (81012402)
365013.66 3765942.00 0.04194 (81011224) 365113.66 3765942.00 0.03095 (81021902)
365213.66 3765942.00 0.02285 (81102202) 365313.66 3765942.00 0.01767 (81110207)
365413.66 3765942.00 0.01561 (81020804) 365513.66 3765942.00 0.01548 (81031205)
365613.66 3765942.00 0.01512 (81113024) 365713.66 3765942.00 0.01462 (81050803)
365813.66 3765942.00 0.01406 (81040302) 365913.66 3765942.00 0.01346 (81010905)
366013.66 3765942.00 0.01284 (81100902) 366113.66 3765942.00 0.01221 (81050703)
366213.66 3765942.00 0.01160 (81022119) 366313.66 3765942.00 0.01101 (81082202)
366413.66 3765942.00 0.01046 (81022304) 366513.66 3765942.00 0.00994 (81021803)
366613.66 3765942.00 0.00946 (81052203) 366713.66 3765942.00 0.00903 (81080206)
364513.66 3766042.00 0.05034 (81111120) 366613.66 3766042.00 0.01040 (81052101)
366713.66 3766042.00 0.00986 (81050403) 364513.66 3766142.00 0.05104 (81121924)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366613.66	3766142.00	0.01153	(81103103)	366713.66	3766142.00	0.01087	(81032006)
364513.66	3766242.00	0.03764	(81092922)	366613.66	3766242.00	0.01294	(81020224)
366713.66	3766242.00	0.01215	(81120306)	364513.66	3766342.00	0.03103	(81102721)
366613.66	3766342.00	0.01483	(81050424)	366713.66	3766342.00	0.01390	(81111324)
364513.66	3766442.00	0.02558	(81083104)	366613.66	3766442.00	0.01789	(81022223)
366713.66	3766442.00	0.01676	(81100702)	364513.66	3766542.00	0.02081	(81112424)
366613.66	3766542.00	0.02444	(81032705)	366713.66	3766542.00	0.02253	(81061701)
364513.66	3766642.00	0.01691	(81012219)	366613.66	3766642.00	0.03934	(81111123)
366713.66	3766642.00	0.03298	(81090224)	364513.66	3766742.00	0.01397	(81061903)
366613.66	3766742.00	0.07868	(81021103)	366713.66	3766742.00	0.05182	(81111002)
364513.66	3766842.00	0.01186	(81061624)	366613.66	3766842.00	0.05967	(81082804)
366713.66	3766842.00	0.05376	(81070322)	364513.66	3766942.00	0.01057	(81041303)
364613.66	3766942.00	0.01104	(81051302)	364713.66	3766942.00	0.01155	(81030406)
364813.66	3766942.00	0.01214	(81011309)	364913.66	3766942.00	0.01282	(81011009)
365013.66	3766942.00	0.01362	(81081102)	365113.66	3766942.00	0.01452	(81080407)
365213.66	3766942.00	0.01553	(81041524)	365313.66	3766942.00	0.01665	(81082521)
365413.66	3766942.00	0.01782	(81092721)	365513.66	3766942.00	0.01899	(81021719)
365613.66	3766942.00	0.02014	(81010904)	365713.66	3766942.00	0.02125	(81061722)
365813.66	3766942.00	0.02218	(81110820)	365913.66	3766942.00	0.02275	(81120719)
366013.66	3766942.00	0.02289	(81053020)	366113.66	3766942.00	0.02292	(81102821)
366213.66	3766942.00	0.02353	(81070303)	366313.66	3766942.00	0.02479	(81100123)
366413.66	3766942.00	0.02694	(81091924)	366513.66	3766942.00	0.03075	(81020921)
366613.66	3766942.00	0.03472	(81080802)	366713.66	3766942.00	0.03670	(81011806)
364213.66	3765642.00	0.01497	(81101206)	364413.66	3765642.00	0.01481	(81101901)
364613.66	3765642.00	0.01594	(81012024)	364813.66	3765642.00	0.01625	(81113024)
365013.66	3765642.00	0.01525	(81121401)	365213.66	3765642.00	0.01270	(81012623)
365413.66	3765642.00	0.01073	(81091701)	365613.66	3765642.00	0.01004	(81022607)
365813.66	3765642.00	0.00960	(81101224)	366013.66	3765642.00	0.00908	(81103007)
366213.66	3765642.00	0.00853	(81012623)	366413.66	3765642.00	0.00797	(81100806)
366613.66	3765642.00	0.00744	(81011006)	366813.66	3765642.00	0.00696	(81011206)
367013.66	3765642.00	0.00656	(81011808)	364213.66	3765842.00	0.02435	(81032501)
364413.66	3765842.00	0.02354	(81061204)	364613.66	3765842.00	0.02524	(81122001)
364813.66	3765842.00	0.03061	(81020803)	365013.66	3765842.00	0.02786	(81010905)
365213.66	3765842.00	0.01861	(81010404)	365413.66	3765842.00	0.01346	(81111906)
365613.66	3765842.00	0.01292	(81032401)	365813.66	3765842.00	0.01216	(81042021)
366013.66	3765842.00	0.01127	(81010323)	366213.66	3765842.00	0.01035	(81091906)
366413.66	3765842.00	0.00948	(81050507)	366613.66	3765842.00	0.00868	(81102202)
366813.66	3765842.00	0.00800	(81020120)	367013.66	3765842.00	0.00746	(81091306)
364213.66	3766042.00	0.02898	(81122522)	364413.66	3766042.00	0.04197	(81012706)
366813.66	3766042.00	0.00940	(81112223)	367013.66	3766042.00	0.00871	(81040420)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364213.66	3766242.00	0.01871	(81100904)	364413.66	3766242.00	0.02840	(81060501)
366813.66	3766242.00	0.01153	(81120106)	367013.66	3766242.00	0.01071	(81111101)
364213.66	3766442.00	0.01529	(81101920)	364413.66	3766442.00	0.02073	(81100923)
366813.66	3766442.00	0.01602	(81110723)	367013.66	3766442.00	0.01467	(81100702)
364213.66	3766642.00	0.01222	(81092724)	364413.66	3766642.00	0.01485	(81051303)
366813.66	3766642.00	0.02837	(81033023)	367013.66	3766642.00	0.02195	(81022221)
364213.66	3766842.00	0.00998	(81022708)	364413.66	3766842.00	0.01114	(81051824)
366813.66	3766842.00	0.04387	(81070102)	367013.66	3766842.00	0.02995	(81031124)
364213.66	3767042.00	0.00860	(81030401)	364413.66	3767042.00	0.00925	(81122807)
364613.66	3767042.00	0.00994	(81101808)	364813.66	3767042.00	0.01083	(81102105)
365013.66	3767042.00	0.01198	(81021319)	365213.66	3767042.00	0.01336	(81110120)
365413.66	3767042.00	0.01492	(81110323)	365613.66	3767042.00	0.01645	(81062404)
365813.66	3767042.00	0.01769	(81050224)	366013.66	3767042.00	0.01820	(81122303)
366213.66	3767042.00	0.01830	(81050520)	366413.66	3767042.00	0.01978	(81011421)
366613.66	3767042.00	0.02347	(81082621)	366813.66	3767042.00	0.02684	(81080103)
367013.66	3767042.00	0.02574	(81081020)	364213.66	3767242.00	0.00744	(81051621)
364413.66	3767242.00	0.00785	(81041903)	364613.66	3767242.00	0.00832	(81083104)
364813.66	3767242.00	0.00892	(81081103)	365013.66	3767242.00	0.00964	(81091623)
365213.66	3767242.00	0.01044	(81122401)	365413.66	3767242.00	0.01126	(81020319)
365613.66	3767242.00	0.01202	(81012324)	365813.66	3767242.00	0.01262	(81042121)
366013.66	3767242.00	0.01292	(81032419)	366213.66	3767242.00	0.01296	(81101905)

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366413.66 3767242.00 0.01324 (81070603) 366613.66 3767242.00 0.01441 (81061301)
366813.66 3767242.00 0.01634 (81050120) 367013.66 3767242.00 0.01773 (81020921)
364749.41 3766145.50 0.14329 (81111120) 365164.66 3766254.25 0.04856 (81080902)
365136.59 3766369.25 0.04980 (81032807) 364719.78 3766265.75 0.09734 (81030406)
366491.12 3766752.50 0.18257 (81071724) 366496.31 3766728.25 0.17719 (81100605)
365453.47 3766452.00 0.31604 (81101408) 365450.00 3766474.50 0.39057 (81100406)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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***MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
364763.69	3766123.25	0.05479	(81011208)	364877.00	3766157.50	0.46241	(81122224)
364996.62	3766189.25	0.05564	(81032624)	365152.53	3766233.75	0.02954	(81032624)
365186.06	3766252.75	0.02764	(81032624)	364813.56	3766040.75	0.02781	(81020808)
364906.91	3766067.00	0.05819	(81122224)	365017.50	3766096.00	0.03327c	(81050908)
365171.56	3766136.75	0.01591c	(81061808)	364901.47	3765939.25	0.01527	(81122224)
364943.16	3765956.50	0.02001	(81122224)	365049.19	3765981.75	0.02047c	(81100508)
365196.03	3766026.25	0.01449c	(81110208)	365319.28	3766299.00	0.01940	(81030608)
365341.03	3766259.00	0.01813	(81032624)	365370.97	3766205.50	0.01487	(81011208)
365416.25	3766100.50	0.00964	(81022808)	365711.59	3766502.00	0.18742c	(81103108)
366498.19	3766709.25	0.08362c	(81010624)	365730.53	3766430.25	0.05611c	(81101508)
366513.31	3766637.25	0.03066c	(81110208)	365475.88	3766363.75	0.03403	(81011208)
365509.72	3766271.00	0.02039	(81020808)	365760.62	3766338.75	0.02738	(81122224)
366539.66	3766543.25	0.02185c	(81110208)	364713.66	3766142.00	0.03703	(81030608)
364733.66	3766142.00	0.04634	(81030608)	364753.66	3766142.00	0.05761	(81030608)
364773.66	3766142.00	0.07033	(81030608)	364793.66	3766142.00	0.08600	(81011208)
364813.66	3766142.00	0.11074	(81011208)	364833.66	3766142.00	0.10126c	(81122008)
364853.66	3766142.00	0.17194	(81020808)	364873.66	3766142.00	0.22845	(81122224)
364893.66	3766142.00	0.23521	(81103008)	364913.66	3766142.00	0.16307c	(81100508)
364933.66	3766142.00	0.12189c	(81122324)	364953.66	3766142.00	0.08376c	(81080308)
364973.66	3766142.00	0.07065c	(81110208)	364993.66	3766142.00	0.05884c	(81110208)
365013.66	3766142.00	0.04743c	(81110208)	365033.66	3766142.00	0.03775c	(81110208)
365053.66	3766142.00	0.03020c	(81110208)	365073.66	3766142.00	0.02484c	(81110208)
365093.66	3766142.00	0.02071c	(81110208)	365113.66	3766142.00	0.01863c	(81122708)
365133.66	3766142.00	0.01739c	(81061808)	365153.66	3766142.00	0.01688c	(81061808)
365173.66	3766142.00	0.01613c	(81061808)	365193.66	3766142.00	0.01555c	(81110208)
365213.66	3766142.00	0.01612c	(81110208)	365233.66	3766142.00	0.01596c	(81110208)
365253.66	3766142.00	0.01508c	(81110208)	365273.66	3766142.00	0.01376c	(81110208)
365293.66	3766142.00	0.01256	(81011208)	365313.66	3766142.00	0.01231	(81011208)
365333.66	3766142.00	0.01205	(81022808)	365353.66	3766142.00	0.01191	(81022808)
365373.66	3766142.00	0.01168	(81022808)	365393.66	3766142.00	0.01141	(81022808)
365413.66	3766142.00	0.01116	(81022808)	365433.66	3766142.00	0.01092	(81022808)
365453.66	3766142.00	0.01067	(81022808)	365473.66	3766142.00	0.01034	(81022808)
365493.66	3766142.00	0.01051c	(81113024)	365513.66	3766142.00	0.01090c	(81113024)
365533.66	3766142.00	0.01125c	(81113024)	365553.66	3766142.00	0.01153c	(81113024)
365573.66	3766142.00	0.01175c	(81113024)	365593.66	3766142.00	0.01193c	(81113024)
365613.66	3766142.00	0.01206c	(81113024)	365633.66	3766142.00	0.01215c	(81113024)
365653.66	3766142.00	0.01250c	(81103108)	365673.66	3766142.00	0.01274c	(81103108)
365693.66	3766142.00	0.01288c	(81103108)	365713.66	3766142.00	0.01292c	(81103108)
365733.66	3766142.00	0.01285c	(81103108)	365753.66	3766142.00	0.01306	(81122224)
365773.66	3766142.00	0.01317	(81122224)	365793.66	3766142.00	0.01316	(81122224)

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***MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365813.66	3766142.00	0.01306	(81122224)	365833.66	3766142.00	0.01286	(81122224)
365853.66	3766142.00	0.01256	(81122224)	365873.66	3766142.00	0.01216	(81122224)
365893.66	3766142.00	0.01194	(81103008)	365913.66	3766142.00	0.01188c	(81103124)
365933.66	3766142.00	0.01188c	(81103124)	365953.66	3766142.00	0.01176c	(81103124)
365973.66	3766142.00	0.01156c	(81103124)	365993.66	3766142.00	0.01132c	(81103124)
366013.66	3766142.00	0.01106c	(81103124)	366033.66	3766142.00	0.01080c	(81103124)
366053.66	3766142.00	0.01054c	(81103124)	366073.66	3766142.00	0.01027c	(81103124)
366093.66	3766142.00	0.00999c	(81103124)	366113.66	3766142.00	0.00977c	(81101724)
366133.66	3766142.00	0.00985c	(81101724)	366153.66	3766142.00	0.00996c	(81101724)
366173.66	3766142.00	0.01006c	(81101724)	366193.66	3766142.00	0.01015c	(81101724)
366213.66	3766142.00	0.01018c	(81101724)	366233.66	3766142.00	0.01015c	(81101724)
366253.66	3766142.00	0.01004c	(81101724)	366273.66	3766142.00	0.00986c	(81101724)
366293.66	3766142.00	0.00962c	(81101724)	366313.66	3766142.00	0.00961c	(81110208)
366333.66	3766142.00	0.00970c	(81110208)	366353.66	3766142.00	0.00975c	(81110208)
366373.66	3766142.00	0.00976c	(81110208)	366393.66	3766142.00	0.00973c	(81110208)
366413.66	3766142.00	0.00968c	(81110208)	366433.66	3766142.00	0.00959c	(81110208)
366453.66	3766142.00	0.00948c	(81110208)	366473.66	3766142.00	0.00936c	(81110208)
366493.66	3766142.00	0.00921c	(81110208)	364713.66	3766162.00	0.04677c	(81012908)
364733.66	3766162.00	0.05115c	(81012908)	364753.66	3766162.00	0.05920	(81030608)
364773.66	3766162.00	0.07727	(81030608)	364793.66	3766162.00	0.10276	(81030608)
364813.66	3766162.00	0.13701	(81030608)	364833.66	3766162.00	0.19935	(81011208)
364853.66	3766162.00	0.25121	(81020808)	364873.66	3766162.00	0.55719	(81122224)
364893.66	3766162.00	0.33182c	(81100508)	364913.66	3766162.00	0.19150	(81011224)
364933.66	3766162.00	0.14143c	(81110208)	364953.66	3766162.00	0.10533c	(81110208)
364973.66	3766162.00	0.07923c	(81110208)	364993.66	3766162.00	0.06009c	(81110208)
365013.66	3766162.00	0.04594c	(81110208)	365033.66	3766162.00	0.03566c	(81110208)
365053.66	3766162.00	0.02939c	(81061808)	365073.66	3766162.00	0.02555c	(81103108)
365093.66	3766162.00	0.02306c	(81113024)	365113.66	3766162.00	0.02195c	(81113024)
365133.66	3766162.00	0.01997c	(81113024)	365153.66	3766162.00	0.01817c	(81113024)
365173.66	3766162.00	0.01748c	(81110208)	365193.66	3766162.00	0.01754c	(81110208)
365213.66	3766162.00	0.01682c	(81110208)	365233.66	3766162.00	0.01546c	(81110208)
365253.66	3766162.00	0.01382c	(81110208)	365273.66	3766162.00	0.01312	(81011208)
365293.66	3766162.00	0.01325	(81011208)	365313.66	3766162.00	0.01318	(81011208)
365333.66	3766162.00	0.01293	(81011208)	365353.66	3766162.00	0.01252	(81011208)
365373.66	3766162.00	0.01218	(81022808)	365393.66	3766162.00	0.01185	(81022808)
365413.66	3766162.00	0.01153	(81022808)	365433.66	3766162.00	0.01124	(81022808)
365453.66	3766162.00	0.01106c	(81113024)	365473.66	3766162.00	0.01135c	(81113024)
365493.66	3766162.00	0.01166c	(81113024)	365513.66	3766162.00	0.01196c	(81113024)
365533.66	3766162.00	0.01221c	(81113024)	365553.66	3766162.00	0.01260	(81020808)
365573.66	3766162.00	0.01294	(81020808)	365593.66	3766162.00	0.01311	(81020808)

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 145

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

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365613.66	3766162.00	0.01304	(81020808)	365633.66	3766162.00	0.01281c	(81113024)
365653.66	3766162.00	0.01284c	(81113024)	365673.66	3766162.00	0.01304c	(81103108)
365693.66	3766162.00	0.01319c	(81103108)	365713.66	3766162.00	0.01334	(81122224)
365733.66	3766162.00	0.01372	(81122224)	365753.66	3766162.00	0.01393	(81122224)
365773.66	3766162.00	0.01400	(81122224)	365793.66	3766162.00	0.01394	(81122224)
365813.66	3766162.00	0.01377	(81122224)	365833.66	3766162.00	0.01349	(81122224)
365853.66	3766162.00	0.01309	(81122224)	365873.66	3766162.00	0.01271	(81103008)
365893.66	3766162.00	0.01255	(81103008)	365913.66	3766162.00	0.01255c	(81103124)
365933.66	3766162.00	0.01244c	(81103124)	365953.66	3766162.00	0.01219c	(81103124)
365973.66	3766162.00	0.01187c	(81103124)	365993.66	3766162.00	0.01153c	(81103124)
366013.66	3766162.00	0.01128c	(81122324)	366033.66	3766162.00	0.01116c	(81122324)
366053.66	3766162.00	0.01094c	(81122324)	366073.66	3766162.00	0.01064c	(81122324)
366093.66	3766162.00	0.01036c	(81101724)	366113.66	3766162.00	0.01041c	(81101724)
366133.66	3766162.00	0.01047c	(81101724)	366153.66	3766162.00	0.01056c	(81101724)
366173.66	3766162.00	0.01065c	(81101724)	366193.66	3766162.00	0.01069c	(81101724)
366213.66	3766162.00	0.01068c	(81101724)	366233.66	3766162.00	0.01059c	(81101724)
366253.66	3766162.00	0.01040c	(81101724)	366273.66	3766162.00	0.01015c	(81101724)
366293.66	3766162.00	0.01008c	(81110208)	366313.66	3766162.00	0.01016c	(81110208)
366333.66	3766162.00	0.01019c	(81110208)	366353.66	3766162.00	0.01018c	(81110208)
366373.66	3766162.00	0.01014c	(81110208)	366393.66	3766162.00	0.01006c	(81110208)
366413.66	3766162.00	0.00995c	(81110208)	366433.66	3766162.00	0.00982c	(81110208)
366453.66	3766162.00	0.00968c	(81110208)	366473.66	3766162.00	0.00952c	(81110208)
366493.66	3766162.00	0.00935c	(81110208)	364713.66	3766182.00	0.05582c	(81012908)
364733.66	3766182.00	0.06485c	(81012908)	364753.66	3766182.00	0.07670c	(81012908)
364773.66	3766182.00	0.09311c	(81012908)	364793.66	3766182.00	0.11733c	(81012908)
364813.66	3766182.00	0.16977	(81030608)	364833.66	3766182.00	0.28895	(81030608)
364853.66	3766182.00	0.53230	(81030608)	364873.66	3766182.00	0.66406	(81122224)
364893.66	3766182.00	0.51779c	(81110208)	364913.66	3766182.00	0.26216c	(81110208)
364933.66	3766182.00	0.16118c	(81110208)	364953.66	3766182.00	0.10943c	(81110208)
364973.66	3766182.00	0.07736c	(81110208)	364993.66	3766182.00	0.05615c	(81110208)
365013.66	3766182.00	0.04611c	(81071808)	365033.66	3766182.00	0.03867c	(81071808)
365053.66	3766182.00	0.03289c	(81071808)	365073.66	3766182.00	0.02834c	(81071808)
365093.66	3766182.00	0.02599c	(81113024)	365113.66	3766182.00	0.02371c	(81113024)
365133.66	3766182.00	0.02084c	(81113024)	365153.66	3766182.00	0.01889c	(81113024)
365173.66	3766182.00	0.01803c	(81110208)	365193.66	3766182.00	0.01683c	(81110208)
365213.66	3766182.00	0.01570c	(81071808)	365233.66	3766182.00	0.01501c	(81071808)
365253.66	3766182.00	0.01430c	(81071808)	365273.66	3766182.00	0.01362c	(81071808)
365293.66	3766182.00	0.01392	(81011208)	365313.66	3766182.00	0.01407	(81011208)
365333.66	3766182.00	0.01399	(81011208)	365353.66	3766182.00	0.01370	(81011208)
365373.66	3766182.00	0.01321	(81011208)	365393.66	3766182.00	0.01257	(81011208)

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 146

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

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365413.66	3766182.00	0.01225c	(81122008)	365433.66	3766182.00	0.01181c	(81122008)
365453.66	3766182.00	0.01200	(81020808)	365473.66	3766182.00	0.01258	(81020808)
365493.66	3766182.00	0.01294	(81020808)	365513.66	3766182.00	0.01328	(81020808)
365533.66	3766182.00	0.01368	(81020808)	365553.66	3766182.00	0.01412	(81020808)
365573.66	3766182.00	0.01449	(81020808)	365593.66	3766182.00	0.01467	(81020808)
365613.66	3766182.00	0.01457	(81020808)	365633.66	3766182.00	0.01420	(81020808)
365653.66	3766182.00	0.01359	(81020808)	365673.66	3766182.00	0.01327c	(81113024)
365693.66	3766182.00	0.01377	(81122224)	365713.66	3766182.00	0.01432	(81122224)
365733.66	3766182.00	0.01470	(81122224)	365753.66	3766182.00	0.01489	(81122224)
365773.66	3766182.00	0.01492	(81122224)	365793.66	3766182.00	0.01479	(81122224)
365813.66	3766182.00	0.01453	(81122224)	365833.66	3766182.00	0.01414	(81122224)
365853.66	3766182.00	0.01363	(81122224)	365873.66	3766182.00	0.01344	(81103008)
365893.66	3766182.00	0.01319c	(81103124)	365913.66	3766182.00	0.01315c	(81103124)
365933.66	3766182.00	0.01291c	(81103124)	365953.66	3766182.00	0.01252c	(81103124)
365973.66	3766182.00	0.01224c	(81122324)	365993.66	3766182.00	0.01223c	(81122324)
366013.66	3766182.00	0.01209c	(81122324)	366033.66	3766182.00	0.01184c	(81122324)
366053.66	3766182.00	0.01147c	(81122324)	366073.66	3766182.00	0.01103c	(81122324)
366093.66	3766182.00	0.01103c	(81101724)	366113.66	3766182.00	0.01105c	(81101724)
366133.66	3766182.00	0.01110c	(81101724)	366153.66	3766182.00	0.01116c	(81101724)
366173.66	3766182.00	0.01121c	(81101724)	366193.66	3766182.00	0.01121c	(81101724)
366213.66	3766182.00	0.01113c	(81101724)	366233.66	3766182.00	0.01096c	(81101724)
366253.66	3766182.00	0.01070c	(81101724)	366273.66	3766182.00	0.01057c	(81110208)
366293.66	3766182.00	0.01062c	(81110208)	366313.66	3766182.00	0.01064c	(81110208)
366333.66	3766182.00	0.01061c	(81110208)	366353.66	3766182.00	0.01054c	(81110208)
366373.66	3766182.00	0.01044c	(81110208)	366393.66	3766182.00	0.01032c	(81110208)
366413.66	3766182.00	0.01017c	(81110208)	366433.66	3766182.00	0.01001c	(81110208)
366453.66	3766182.00	0.00983c	(81110208)	366473.66	3766182.00	0.00965c	(81110208)
366493.66	3766182.00	0.00945c	(81110208)	364713.66	3766202.00	0.05252c	(81012908)
364733.66	3766202.00	0.06289	(81030108)	364753.66	3766202.00	0.07922	(81030108)
364773.66	3766202.00	0.10368	(81030108)	364793.66	3766202.00	0.14283	(81030108)
364813.66	3766202.00	0.21268	(81030108)	364833.66	3766202.00	0.37977c	(81061208)
364853.66	3766202.00	0.58139c	(81123108)	364873.66	3766202.00	0.45866c	(81050224)
364893.66	3766202.00	0.44495c	(81010624)	364913.66	3766202.00	0.23295	(81032624)
364933.66	3766202.00	0.15240	(81032624)	364953.66	3766202.00	0.11100	(81032624)
364973.66	3766202.00	0.08576	(81032624)	364993.66	3766202.00	0.06873	(81032624)
365013.66	3766202.00	0.05653	(81032624)	365033.66	3766202.00	0.04744	(81032624)
365053.66	3766202.00	0.04046	(81032624)	365073.66	3766202.00	0.03497	(81032624)
365093.66	3766202.00	0.03061	(81032624)	365113.66	3766202.00	0.02719	(81032624)
365133.66	3766202.00	0.02456	(81032624)	365153.66	3766202.00	0.02248	(81032624)
365173.66	3766202.00	0.02075	(81032624)	365193.66	3766202.00	0.01927	(81032624)

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 147

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

Coop.POU.txt
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,
*** 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)
365213.66 3766202.00 0.01801 (81032624) 365233.66 3766202.00 0.01693 (81032624)
365253.66 3766202.00 0.01600 (81032624) 365273.66 3766202.00 0.01520 (81032624)
365293.66 3766202.00 0.01489c (81021008) 365313.66 3766202.00 0.01489 (81011208)
365333.66 3766202.00 0.01503 (81011208) 365353.66 3766202.00 0.01492 (81011208)
365373.66 3766202.00 0.01457 (81011208) 365393.66 3766202.00 0.01399 (81011208)
365413.66 3766202.00 0.01338c (81122008) 365433.66 3766202.00 0.01300c (81122008)
365453.66 3766202.00 0.01379 (81020808) 365473.66 3766202.00 0.01437 (81020808)
365493.66 3766202.00 0.01470 (81020808) 365513.66 3766202.00 0.01500 (81020808)
365533.66 3766202.00 0.01540 (81020808) 365553.66 3766202.00 0.01587 (81020808)
365573.66 3766202.00 0.01627 (81020808) 365593.66 3766202.00 0.01645 (81020808)
365613.66 3766202.00 0.01632 (81020808) 365633.66 3766202.00 0.01589 (81020808)
365653.66 3766202.00 0.01519 (81020808) 365673.66 3766202.00 0.01429 (81020808)
365693.66 3766202.00 0.01484 (81122224) 365713.66 3766202.00 0.01542 (81122224)
365733.66 3766202.00 0.01580 (81122224) 365753.66 3766202.00 0.01597 (81122224)
365773.66 3766202.00 0.01594 (81122224) 365793.66 3766202.00 0.01572 (81122224)
365813.66 3766202.00 0.01533 (81122224) 365833.66 3766202.00 0.01481 (81122224)
365853.66 3766202.00 0.01443 (81103008) 365873.66 3766202.00 0.01417 (81103008)
365893.66 3766202.00 0.01385c (81103124) 365913.66 3766202.00 0.01368c (81103124)
365933.66 3766202.00 0.01328c (81103124) 365953.66 3766202.00 0.01331c (81122324)
365973.66 3766202.00 0.01331c (81122324) 365993.66 3766202.00 0.01316c (81122324)
366013.66 3766202.00 0.01286c (81122324) 366033.66 3766202.00 0.01244c (81122324)
366053.66 3766202.00 0.01192c (81122324) 366073.66 3766202.00 0.01174c (81101724)
366093.66 3766202.00 0.01171c (81101724) 366113.66 3766202.00 0.01170c (81101724)
366133.66 3766202.00 0.01172c (81101724) 366153.66 3766202.00 0.01175c (81101724)
366173.66 3766202.00 0.01174c (81101724) 366193.66 3766202.00 0.01167c (81101724)
366213.66 3766202.00 0.01151c (81101724) 366233.66 3766202.00 0.01126c (81101724)
366253.66 3766202.00 0.01107c (81110208) 366273.66 3766202.00 0.01110c (81110208)
366293.66 3766202.00 0.01110c (81110208) 366313.66 3766202.00 0.01105c (81110208)
366333.66 3766202.00 0.01096c (81110208) 366353.66 3766202.00 0.01084c (81110208)
366373.66 3766202.00 0.01069c (81110208) 366393.66 3766202.00 0.01052c (81110208)
366413.66 3766202.00 0.01034c (81110208) 366433.66 3766202.00 0.01015c (81110208)
366453.66 3766202.00 0.00996c (81110208) 366473.66 3766202.00 0.00976c (81110208)
366493.66 3766202.00 0.00955c (81110208) 364713.66 3766222.00 0.06361 (81030108)
364733.66 3766222.00 0.07572 (81030108) 364753.66 3766222.00 0.09129 (81030108)
364773.66 3766222.00 0.11178 (81030108) 364793.66 3766222.00 0.14768 (81042108)
364813.66 3766222.00 0.22261 (81042108) 364833.66 3766222.00 0.36157c (81123108)
364853.66 3766222.00 0.32430c (81102108) 364873.66 3766222.00 0.40505c (81020308)
364893.66 3766222.00 0.40301c (81051924) 364913.66 3766222.00 0.20801c (81051924)
364933.66 3766222.00 0.13082c (81100708) 364953.66 3766222.00 0.09690 (81032624)
364973.66 3766222.00 0.07731 (81032624) 364993.66 3766222.00 0.06415 (81032624)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,
*** 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)
365013.66 3766222.00 0.05447 (81032624) 365033.66 3766222.00 0.04692 (81032624)
365053.66 3766222.00 0.04084 (81032624) 365073.66 3766222.00 0.03601 (81032624)
365093.66 3766222.00 0.03253 (81032624) 365113.66 3766222.00 0.03011 (81032624)
365133.66 3766222.00 0.02821 (81032624) 365153.66 3766222.00 0.02638 (81032624)
365173.66 3766222.00 0.02468 (81032624) 365193.66 3766222.00 0.02315 (81032624)
365213.66 3766222.00 0.02182 (81032624) 365233.66 3766222.00 0.02065 (81032624)
365253.66 3766222.00 0.01960 (81032624) 365273.66 3766222.00 0.01864 (81032624)
365293.66 3766222.00 0.01776 (81032624) 365313.66 3766222.00 0.01692 (81032624)
365333.66 3766222.00 0.01614 (81032624) 365353.66 3766222.00 0.01614 (81011208)
365373.66 3766222.00 0.01599 (81011208) 365393.66 3766222.00 0.01556 (81011208)
365413.66 3766222.00 0.01487 (81011208) 365433.66 3766222.00 0.01469 (81020808)
365453.66 3766222.00 0.01578 (81020808) 365473.66 3766222.00 0.01634 (81020808)
365493.66 3766222.00 0.01660 (81020808) 365513.66 3766222.00 0.01686 (81020808)
365533.66 3766222.00 0.01725 (81020808) 365553.66 3766222.00 0.01774 (81020808)
365573.66 3766222.00 0.01819 (81020808) 365593.66 3766222.00 0.01838 (81020808)
365613.66 3766222.00 0.01822 (81020808) 365633.66 3766222.00 0.01770 (81020808)
365653.66 3766222.00 0.01691 (81020808) 365673.66 3766222.00 0.01590 (81020808)
365693.66 3766222.00 0.01604 (81122224) 365713.66 3766222.00 0.01666 (81122224)
365733.66 3766222.00 0.01705 (81122224) 365753.66 3766222.00 0.01719 (81122224)
365773.66 3766222.00 0.01707 (81122224) 365793.66 3766222.00 0.01671 (81122224)
365813.66 3766222.00 0.01617 (81122224) 365833.66 3766222.00 0.01553 (81103008)
365853.66 3766222.00 0.01533 (81103008) 365873.66 3766222.00 0.01487 (81103008)
365893.66 3766222.00 0.01446c (81103124) 365913.66 3766222.00 0.01432c (81122324)
365933.66 3766222.00 0.01450c (81122324) 365953.66 3766222.00 0.01452c (81122324)
365973.66 3766222.00 0.01437c (81122324) 365993.66 3766222.00 0.01404c (81122324)
366013.66 3766222.00 0.01355c (81122324) 366033.66 3766222.00 0.01295c (81122324)
366053.66 3766222.00 0.01253c (81101724) 366073.66 3766222.00 0.01245c (81101724)
366093.66 3766222.00 0.01237c (81101724) 366113.66 3766222.00 0.01233c (81101724)
366133.66 3766222.00 0.01231c (81101724) 366153.66 3766222.00 0.01228c (81101724)
366173.66 3766222.00 0.01221c (81101724) 366193.66 3766222.00 0.01206c (81101724)
366213.66 3766222.00 0.01181c (81101724) 366233.66 3766222.00 0.01159c (81110208)
366253.66 3766222.00 0.01159c (81110208) 366273.66 3766222.00 0.01156c (81110208)
366293.66 3766222.00 0.01149c (81110208) 366313.66 3766222.00 0.01139c (81110208)
366333.66 3766222.00 0.01124c (81110208) 366353.66 3766222.00 0.01108c (81110208)
366373.66 3766222.00 0.01089c (81110208) 366393.66 3766222.00 0.01069c (81110208)
366413.66 3766222.00 0.01049c (81110208) 366433.66 3766222.00 0.01028c (81110208)
366453.66 3766222.00 0.01007c (81110208) 366473.66 3766222.00 0.00986c (81110208)
366493.66 3766222.00 0.00965c (81110208) 364713.66 3766242.00 0.05880 (81030108)
364733.66 3766242.00 0.06701 (81030108) 364753.66 3766242.00 0.07770 (81030108)
364773.66 3766242.00 0.09504 (81042108) 364793.66 3766242.00 0.13474c (81083108)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

Coop.POU.txt							
** CONC OF CO				IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364813.66	3766242.00	0.21716c	(81123108)	364833.66	3766242.00	0.30544c	(81123108)
364853.66	3766242.00	0.31458c	(81112424)	364873.66	3766242.00	0.38318c	(81021824)
364893.66	3766242.00	0.30113c	(81050224)	364913.66	3766242.00	0.19996c	(81051924)
364933.66	3766242.00	0.13310c	(81051924)	364953.66	3766242.00	0.08893c	(81031424)
364973.66	3766242.00	0.06524c	(81122108)	364993.66	3766242.00	0.05145c	(81122524)
365013.66	3766242.00	0.04216c	(81122524)	365033.66	3766242.00	0.03926c	(81010624)
365053.66	3766242.00	0.03728c	(81010624)	365073.66	3766242.00	0.03668c	(81010624)
365093.66	3766242.00	0.03430	(81032624)	365113.66	3766242.00	0.03528	(81032624)
365133.66	3766242.00	0.03605	(81032624)	365153.66	3766242.00	0.03162	(81032624)
365173.66	3766242.00	0.02876	(81032624)	365193.66	3766242.00	0.02670	(81032624)
365213.66	3766242.00	0.02506	(81032624)	365233.66	3766242.00	0.02366	(81032624)
365253.66	3766242.00	0.02241	(81032624)	365273.66	3766242.00	0.02125	(81032624)
365293.66	3766242.00	0.02016	(81032624)	365313.66	3766242.00	0.01914	(81032624)
365333.66	3766242.00	0.01817	(81032624)	365353.66	3766242.00	0.01728	(81011208)
365373.66	3766242.00	0.01741	(81011208)	365393.66	3766242.00	0.01723	(81011208)
365413.66	3766242.00	0.01671	(81011208)	365433.66	3766242.00	0.01654	(81020808)
365453.66	3766242.00	0.01773	(81020808)	365473.66	3766242.00	0.01825	(81020808)
365493.66	3766242.00	0.01843	(81020808)	365513.66	3766242.00	0.01864	(81020808)
365533.66	3766242.00	0.01902	(81020808)	365553.66	3766242.00	0.01956	(81020808)
365573.66	3766242.00	0.02008	(81020808)	365593.66	3766242.00	0.02032	(81020808)
365613.66	3766242.00	0.02014	(81020808)	365633.66	3766242.00	0.01953	(81020808)
365653.66	3766242.00	0.01863	(81020808)	365673.66	3766242.00	0.01751	(81020808)
365693.66	3766242.00	0.01741	(81122224)	365713.66	3766242.00	0.01809	(81122224)
365733.66	3766242.00	0.01849	(81122224)	365753.66	3766242.00	0.01856	(81122224)
365773.66	3766242.00	0.01831	(81122224)	365793.66	3766242.00	0.01778	(81122224)
365813.66	3766242.00	0.01705	(81122224)	365833.66	3766242.00	0.01664	(81103008)
365853.66	3766242.00	0.01621	(81103008)	365873.66	3766242.00	0.01554	(81103008)
365893.66	3766242.00	0.01563c	(81122324)	365913.66	3766242.00	0.01586c	(81122324)
365933.66	3766242.00	0.01589c	(81122324)	365953.66	3766242.00	0.01573c	(81122324)
365973.66	3766242.00	0.01537c	(81122324)	365993.66	3766242.00	0.01483c	(81122324)
366013.66	3766242.00	0.01414c	(81122324)	366033.66	3766242.00	0.01340c	(81101724)
366053.66	3766242.00	0.01329c	(81101724)	366073.66	3766242.00	0.01314c	(81101724)
366093.66	3766242.00	0.01301c	(81101724)	366113.66	3766242.00	0.01292c	(81101724)
366133.66	3766242.00	0.01285c	(81101724)	366153.66	3766242.00	0.01275c	(81101724)
366173.66	3766242.00	0.01259c	(81101724)	366193.66	3766242.00	0.01235c	(81101724)
366213.66	3766242.00	0.01213c	(81110208)	366233.66	3766242.00	0.01210c	(81110208)
366253.66	3766242.00	0.01204c	(81110208)	366273.66	3766242.00	0.01195c	(81110208)
366293.66	3766242.00	0.01183c	(81110208)	366313.66	3766242.00	0.01167c	(81110208)
366333.66	3766242.00	0.01148c	(81110208)	366353.66	3766242.00	0.01128c	(81110208)
366373.66	3766242.00	0.01106c	(81110208)	366393.66	3766242.00	0.01084c	(81110208)

1 *** ISC3P - VERSION 04269 ***

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Coop.POU.txt							
** CONC OF CO				IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366413.66	3766242.00	0.01063c	(81110208)	366433.66	3766242.00	0.01047c	(81103024)
366453.66	3766242.00	0.01033c	(81103024)	366473.66	3766242.00	0.01018c	(81103024)
366493.66	3766242.00	0.01002c	(81103024)	364713.66	3766262.00	0.04741c	(81123108)
364733.66	3766262.00	0.05603c	(81123108)	364753.66	3766262.00	0.06836c	(81123108)
364773.66	3766262.00	0.08950c	(81083108)	364793.66	3766262.00	0.12509	(81030408)
364813.66	3766262.00	0.19341c	(81102108)	364833.66	3766262.00	0.25610c	(81102108)
364853.66	3766262.00	0.24043	(81021424)	364873.66	3766262.00	0.27589c	(81032924)
364893.66	3766262.00	0.21926c	(81050224)	364913.66	3766262.00	0.15949c	(81090624)
364933.66	3766262.00	0.12494c	(81051924)	364953.66	3766262.00	0.09393c	(81051924)
364973.66	3766262.00	0.06994c	(81031424)	364993.66	3766262.00	0.05334c	(81031424)
365013.66	3766262.00	0.03921c	(81122524)	365033.66	3766262.00	0.03644c	(81122524)
365053.66	3766262.00	0.03447c	(81122108)	365073.66	3766262.00	0.03623c	(81122108)
365093.66	3766262.00	0.03343	(81032624)	365113.66	3766262.00	0.03528	(81032624)
365133.66	3766262.00	0.03239	(81032624)	365153.66	3766262.00	0.02895	(81032624)
365173.66	3766262.00	0.02684	(81032624)	365193.66	3766262.00	0.02540	(81032624)
365213.66	3766262.00	0.02424	(81032624)	365233.66	3766262.00	0.02318	(81032624)
365253.66	3766262.00	0.02217	(81032624)	365273.66	3766262.00	0.02118	(81032624)
365293.66	3766262.00	0.02021	(81032624)	365313.66	3766262.00	0.01926	(81032624)
365333.66	3766262.00	0.01834	(81032624)	365353.66	3766262.00	0.01832	(81011208)
365373.66	3766262.00	0.01876	(81011208)	365393.66	3766262.00	0.01890	(81011208)
365413.66	3766262.00	0.01868	(81011208)	365433.66	3766262.00	0.01806	(81011208)
365453.66	3766262.00	0.01921	(81020808)	365473.66	3766262.00	0.01972	(81020808)
365493.66	3766262.00	0.01983	(81020808)	365513.66	3766262.00	0.02003	(81020808)
365533.66	3766262.00	0.02044	(81020808)	365553.66	3766262.00	0.02107	(81020808)
365573.66	3766262.00	0.02173	(81020808)	365593.66	3766262.00	0.02209	(81020808)
365613.66	3766262.00	0.02192	(81020808)	365633.66	3766262.00	0.02125	(81020808)
365653.66	3766262.00	0.02025	(81020808)	365673.66	3766262.00	0.01901	(81020808)
365693.66	3766262.00	0.01902	(81122224)	365713.66	3766262.00	0.01976	(81122224)
365733.66	3766262.00	0.02015	(81122224)	365753.66	3766262.00	0.02011	(81122224)
365773.66	3766262.00	0.01967	(81122224)	365793.66	3766262.00	0.01891	(81122224)
365813.66	3766262.00	0.01811	(81103008)	365833.66	3766262.00	0.01776	(81103008)
365853.66	3766262.00	0.01706	(81103008)	365873.66	3766262.00	0.01711c	(81122324)
365893.66	3766262.00	0.01740c	(81122324)	365913.66	3766262.00	0.01746c	(81122324)
365933.66	3766262.00	0.01729c	(81122324)	365953.66	3766262.00	0.01689c	(81122324)
365973.66	3766262.00	0.01628c	(81122324)	365993.66	3766262.00	0.01550c	(81122324)
366013.66	3766262.00	0.01460c	(81122324)	366033.66	3766262.00	0.01422c	(81101724)
366053.66	3766262.00	0.01400c	(81101724)	366073.66	3766262.00	0.01378c	(81101724)
366093.66	3766262.00	0.01360c	(81101724)	366113.66	3766262.00	0.01345c	(81101724)
366133.66	3766262.00	0.01331c	(81101724)	366153.66	3766262.00	0.01313c	(81101724)
366173.66	3766262.00	0.01289c	(81101724)	366193.66	3766262.00	0.01270c	(81110208)

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Coop.POU.txt							
** CONC OF CO				IN MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366213.66	3766262.00	0.01262c	(81110208)	366233.66	3766262.00	0.01254c	(81110208)
366253.66	3766262.00	0.01243c	(81110208)	366273.66	3766262.00	0.01230c	(81110208)

				Coop.POU.txt				
366293.66	3766262.00	0.01212c	(81110208)	366313.66	3766262.00	0.01192c	(81110208)	
366333.66	3766262.00	0.01170c	(81110208)	366353.66	3766262.00	0.01147c	(81110208)	
366373.66	3766262.00	0.01132c	(81103024)	366393.66	3766262.00	0.01127c	(81103024)	
366413.66	3766262.00	0.01118c	(81103024)	366433.66	3766262.00	0.01104c	(81103024)	
366453.66	3766262.00	0.01086c	(81103024)	366473.66	3766262.00	0.01067c	(81103024)	
366493.66	3766262.00	0.01048c	(81103024)	364713.66	3766282.00	0.04091c	(81123108)	
364733.66	3766282.00	0.05234c	(81083108)	364753.66	3766282.00	0.06420c	(81083108)	
364773.66	3766282.00	0.07802c	(81081108)	364793.66	3766282.00	0.10212c	(81102108)	
364813.66	3766282.00	0.12245c	(81102108)	364833.66	3766282.00	0.14387	(811021724)	
364853.66	3766282.00	0.17049c	(81121708)	364873.66	3766282.00	0.14939c	(81091824)	
364893.66	3766282.00	0.15461c	(81032924)	364913.66	3766282.00	0.12896c	(81050224)	
364933.66	3766282.00	0.10086c	(81090624)	364953.66	3766282.00	0.08419c	(81051924)	
364973.66	3766282.00	0.07086c	(81101108)	364993.66	3766282.00	0.05727c	(81101108)	
365013.66	3766282.00	0.04686c	(81031424)	365033.66	3766282.00	0.04133c	(81031424)	
365053.66	3766282.00	0.03790c	(81031424)	365073.66	3766282.00	0.03510c	(81043024)	
365093.66	3766282.00	0.03129	(81050724)	365113.66	3766282.00	0.03011	(81050724)	
365133.66	3766282.00	0.02685	(81050724)	365153.66	3766282.00	0.02387	(81050724)	
365173.66	3766282.00	0.02153	(81050724)	365193.66	3766282.00	0.02050c	(81122108)	
365213.66	3766282.00	0.01974c	(81122108)	365233.66	3766282.00	0.01894c	(81122108)	
365253.66	3766282.00	0.01808c	(81122108)	365273.66	3766282.00	0.01760	(81032624)	
365293.66	3766282.00	0.01763	(81030608)	365313.66	3766282.00	0.01774	(81030608)	
365333.66	3766282.00	0.01825	(81011208)	365353.66	3766282.00	0.01929	(81011208)	
365373.66	3766282.00	0.02001	(81011208)	365393.66	3766282.00	0.02050	(81011208)	
365413.66	3766282.00	0.02068	(81011208)	365433.66	3766282.00	0.02042	(81011208)	
365453.66	3766282.00	0.01985	(81020808)	365473.66	3766282.00	0.02043	(81020808)	
365493.66	3766282.00	0.02052	(81020808)	365513.66	3766282.00	0.02077	(81020808)	
365533.66	3766282.00	0.02128	(81020808)	365553.66	3766282.00	0.02207	(81020808)	
365573.66	3766282.00	0.02296	(81020808)	365593.66	3766282.00	0.02354	(81020808)	
365613.66	3766282.00	0.02346	(81020808)	365633.66	3766282.00	0.02276	(81020808)	
365653.66	3766282.00	0.02167	(81020808)	365673.66	3766282.00	0.02033	(81020808)	
365693.66	3766282.00	0.02093	(81122224)	365713.66	3766282.00	0.02173	(81122224)	
365733.66	3766282.00	0.02207	(81122224)	365753.66	3766282.00	0.02185	(81122224)	
365773.66	3766282.00	0.02116	(81122224)	365793.66	3766282.00	0.02012	(81122224)	
365813.66	3766282.00	0.01953	(81103008)	365833.66	3766282.00	0.01887	(81103008)	
365853.66	3766282.00	0.01876c	(81122324)	365873.66	3766282.00	0.01915c	(81122324)	
365893.66	3766282.00	0.01926c	(81122324)	365913.66	3766282.00	0.01909c	(81122324)	
365933.66	3766282.00	0.01865c	(81122324)	365953.66	3766282.00	0.01795c	(81122324)	
365973.66	3766282.00	0.01705c	(81122324)	365993.66	3766282.00	0.01603c	(81122324)	

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**MODELOPTS: CONC				URBAN FLAT		DEFAULT	
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***							
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,							
*** 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)
366013.66	3766282.00	0.01524c	(81101724)	366033.66	3766282.00	0.01497c	(81101724)
366053.66	3766282.00	0.01465c	(81101724)	366073.66	3766282.00	0.01436c	(81101724)
366093.66	3766282.00	0.01417c	(81110208)	366113.66	3766282.00	0.01393c	(81110208)
366133.66	3766282.00	0.01368c	(81110208)	366153.66	3766282.00	0.01347c	(81110208)
366173.66	3766282.00	0.01331c	(81110208)	366193.66	3766282.00	0.01319c	(81110208)
366213.66	3766282.00	0.01307c	(81110208)	366233.66	3766282.00	0.01295c	(81110208)
366253.66	3766282.00	0.01280c	(81110208)	366273.66	3766282.00	0.01262c	(81110208)
366293.66	3766282.00	0.01241c	(81110208)	366313.66	3766282.00	0.01218c	(81110208)
366333.66	3766282.00	0.01203c	(81103024)	366353.66	3766282.00	0.01204c	(81103024)
366373.66	3766282.00	0.01201c	(81103024)	366393.66	3766282.00	0.01193c	(81103024)
366413.66	3766282.00	0.01178c	(81103024)	366433.66	3766282.00	0.01159c	(81103024)
366453.66	3766282.00	0.01136c	(81103024)	366473.66	3766282.00	0.01113c	(81103024)
366493.66	3766282.00	0.01091c	(81103024)	364713.66	3766302.00	0.04236c	(81083108)
364733.66	3766302.00	0.04983c	(81081108)	364753.66	3766302.00	0.05625c	(81081108)
364773.66	3766302.00	0.06150c	(81102108)	364793.66	3766302.00	0.06777c	(81102108)
364813.66	3766302.00	0.08398	(81021724)	364833.66	3766302.00	0.08162	(81021724)
364853.66	3766302.00	0.11316c	(81121708)	364873.66	3766302.00	0.10854c	(81020308)
364893.66	3766302.00	0.09980c	(81032924)	364913.66	3766302.00	0.09832c	(81050224)
364933.66	3766302.00	0.08734c	(81050224)	364953.66	3766302.00	0.06962c	(81090624)
364973.66	3766302.00	0.05910c	(81051924)	364993.66	3766302.00	0.05507c	(81101108)
365013.66	3766302.00	0.04761c	(81101108)	365033.66	3766302.00	0.04013c	(81031424)
365053.66	3766302.00	0.03728c	(81031424)	365073.66	3766302.00	0.03232c	(81031424)
365093.66	3766302.00	0.02871c	(81031424)	365113.66	3766302.00	0.02796c	(81042424)
365133.66	3766302.00	0.02580c	(81042424)	365153.66	3766302.00	0.02210c	(81042424)
365173.66	3766302.00	0.02005	(81050724)	365193.66	3766302.00	0.01942	(81050724)
365213.66	3766302.00	0.01878c	(81021108)	365233.66	3766302.00	0.01821c	(81021108)
365253.66	3766302.00	0.01744c	(81021108)	365273.66	3766302.00	0.01808	(81030608)
365293.66	3766302.00	0.01905	(81030608)	365313.66	3766302.00	0.01961	(81030608)
365333.66	3766302.00	0.01977	(81030608)	365353.66	3766302.00	0.02025	(81011208)
365373.66	3766302.00	0.02123	(81011208)	365393.66	3766302.00	0.02199	(81011208)
365413.66	3766302.00	0.02259	(81011208)	365433.66	3766302.00	0.02284	(81011208)
365453.66	3766302.00	0.02260	(81011208)	365473.66	3766302.00	0.02187	(81011208)
365493.66	3766302.00	0.02069	(81011208)	365513.66	3766302.00	0.02079	(81020808)
365533.66	3766302.00	0.02147	(81020808)	365553.66	3766302.00	0.02249	(81020808)
365573.66	3766302.00	0.02372	(81020808)	365593.66	3766302.00	0.02463	(81020808)
365613.66	3766302.00	0.02473	(81020808)	365633.66	3766302.00	0.02404	(81020808)
365653.66	3766302.00	0.02288	(81020808)	365673.66	3766302.00	0.02202c	(81101508)
365693.66	3766302.00	0.02323	(81122224)	365713.66	3766302.00	0.02406	(81122224)
365733.66	3766302.00	0.02427	(81122224)	365753.66	3766302.00	0.02380	(81122224)
365773.66	3766302.00	0.02277	(81122224)	365793.66	3766302.00	0.02154	(81103008)

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**MODELOPTS: CONC				URBAN FLAT		DEFAULT	
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***							
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,							
*** 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)
365813.66	3766302.00	0.02098	(81103008)	365833.66	3766302.00	0.02057c	(81122324)
365853.66	3766302.00	0.02110c	(81122324)	365873.66	3766302.00	0.02130c	(81122324)
365893.66	3766302.00	0.02117c	(81122324)	365913.66	3766302.00	0.02068c	(81122324)
365933.66	3766302.00	0.01989c	(81122324)	365953.66	3766302.00	0.01885c	(81122324)
365973.66	3766302.00	0.01766c	(81122324)	365993.66	3766302.00	0.01641c	(81122324)
366013.66	3766302.00	0.01604c	(81101724)	366033.66	3766302.00	0.01568c	(81110208)
366053.66	3766302.00	0.01561c	(81110208)	366073.66	3766302.00	0.01535c	(81110208)
366093.66	3766302.00	0.01498c	(81110208)	366113.66	3766302.00	0.01459c	(81110208)

Coop.POU.txt
366133.66 3766302.00 0.01426c (81110208) 366153.66 3766302.00 0.01400c (81110208)
366173.66 3766302.00 0.01380c (81110208) 366193.66 3766302.00 0.01366c (81110208)
366213.66 3766302.00 0.01352c (81110208) 366233.66 3766302.00 0.01337c (81110208)
366253.66 3766302.00 0.01319c (81110208) 366273.66 3766302.00 0.01298c (81110208)
366293.66 3766302.00 0.01274c (81103024) 366313.66 3766302.00 0.01277c (81103024)
366333.66 3766302.00 0.01279c (81103024) 366353.66 3766302.00 0.01277c (81103024)
366373.66 3766302.00 0.01270c (81103024) 366393.66 3766302.00 0.01256c (81103024)
366413.66 3766302.00 0.01236c (81103024) 366433.66 3766302.00 0.01211c (81103024)
366453.66 3766302.00 0.01184c (81103024) 366473.66 3766302.00 0.01157c (81103024)
366493.66 3766302.00 0.01133c (81103024) 364713.66 3766322.00 0.03970c (81081108)
364733.66 3766322.00 0.04126c (81081108) 364753.66 3766322.00 0.04124c (81102108)
364773.66 3766322.00 0.04386c (81102108) 364793.66 3766322.00 0.05191 (81021724)
364813.66 3766322.00 0.06336 (81021724) 364833.66 3766322.00 0.06629c (81121708)
364853.66 3766322.00 0.08186c (81121708) 364873.66 3766322.00 0.08198c (81020308)
364893.66 3766322.00 0.06386 (81101908) 364913.66 3766322.00 0.07011c (81050224)
364933.66 3766322.00 0.07065c (81050224) 364953.66 3766322.00 0.06335c (81050224)
364973.66 3766322.00 0.05085c (81090624) 364993.66 3766322.00 0.04515c (81090624)
365013.66 3766322.00 0.04348c (81101108) 365033.66 3766322.00 0.04039c (81101108)
365053.66 3766322.00 0.03707c (81101108) 365073.66 3766322.00 0.03274c (81031424)
365093.66 3766322.00 0.02871c (81031424) 365113.66 3766322.00 0.02589c (81031424)
365133.66 3766322.00 0.02570c (81051424) 365153.66 3766322.00 0.02435c (81042424)
365173.66 3766322.00 0.02186c (81042424) 365193.66 3766322.00 0.01886c (81042424)
365213.66 3766322.00 0.01736c (81012708) 365233.66 3766322.00 0.01738c (81012708)
365253.66 3766322.00 0.01737c (81021108) 365273.66 3766322.00 0.01831 (81030608)
365293.66 3766322.00 0.02004 (81030608) 365313.66 3766322.00 0.02133 (81030608)
365333.66 3766322.00 0.02205 (81030608) 365353.66 3766322.00 0.02228 (81030608)
365373.66 3766322.00 0.02265 (81011208) 365393.66 3766322.00 0.02353 (81011208)
365413.66 3766322.00 0.02439 (81011208) 365433.66 3766322.00 0.02517 (81011208)
365453.66 3766322.00 0.02560 (81011208) 365473.66 3766322.00 0.02551 (81011208)
365493.66 3766322.00 0.02467 (81011208) 365513.66 3766322.00 0.02306 (81011208)
365533.66 3766322.00 0.02121 (81011208) 365553.66 3766322.00 0.02250 (81020808)
365573.66 3766322.00 0.02414 (81020808) 365593.66 3766322.00 0.02549 (81020808)
1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 154
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365613.66 3766322.00 0.02586 (81020808) 365633.66 3766322.00 0.02521 (81020808)
365653.66 3766322.00 0.02441c (81101508) 365673.66 3766322.00 0.02531c (81101508)
365693.66 3766322.00 0.02603 (81122224) 365713.66 3766322.00 0.02682 (81122224)
365733.66 3766322.00 0.02680 (81122224) 365753.66 3766322.00 0.02596 (81122224)
365773.66 3766322.00 0.02452 (81122224) 365793.66 3766322.00 0.02344 (81103008)
365813.66 3766322.00 0.02266c (81122324) 365833.66 3766322.00 0.02327c (81122324)
365853.66 3766322.00 0.02358c (81122324) 365873.66 3766322.00 0.02352c (81122324)
365893.66 3766322.00 0.02304c (81122324) 365913.66 3766322.00 0.02216c (81122324)
365933.66 3766322.00 0.02096c (81122324) 365953.66 3766322.00 0.01957c (81122324)
365973.66 3766322.00 0.01811c (81122324) 365993.66 3766322.00 0.01722c (81101724)
366013.66 3766322.00 0.01721c (81110208) 366033.66 3766322.00 0.01710c (81110208)
366053.66 3766322.00 0.01674c (81110208) 366073.66 3766322.00 0.01621c (81110208)
366093.66 3766322.00 0.01566c (81110208) 366113.66 3766322.00 0.01516c (81110208)
366133.66 3766322.00 0.01478c (81110208) 366153.66 3766322.00 0.01451c (81110208)
366173.66 3766322.00 0.01433c (81110208) 366193.66 3766322.00 0.01429c (81103108)
366213.66 3766322.00 0.01430c (81103108) 366233.66 3766322.00 0.01422c (81103108)
366253.66 3766322.00 0.01406c (81103108) 366273.66 3766322.00 0.01382c (81103108)
366293.66 3766322.00 0.01355c (81103024) 366313.66 3766322.00 0.01357c (81103024)
366333.66 3766322.00 0.01356c (81103024) 366353.66 3766322.00 0.01350c (81103024)
366373.66 3766322.00 0.01337c (81103024) 366393.66 3766322.00 0.01317c (81103024)
366413.66 3766322.00 0.01291c (81103024) 366433.66 3766322.00 0.01260c (81103024)
366453.66 3766322.00 0.01229c (81103024) 366473.66 3766322.00 0.01199c (81103024)
366493.66 3766322.00 0.01173c (81103024) 364713.66 3766342.00 0.03155 (81030408)
364733.66 3766342.00 0.03175 (81030408) 364753.66 3766342.00 0.03170c (81102108)
364773.66 3766342.00 0.03417 (81021724) 364793.66 3766342.00 0.04680 (81021724)
364813.66 3766342.00 0.04429 (81021724) 364833.66 3766342.00 0.05754c (81121708)
364853.66 3766342.00 0.06245c (81121708) 364873.66 3766342.00 0.06361c (81020308)
364893.66 3766342.00 0.05035c (81042624) 364913.66 3766342.00 0.04733c (81032924)
364933.66 3766342.00 0.05318c (81050224) 364953.66 3766342.00 0.05401c (81050224)
364973.66 3766342.00 0.04791c (81050224) 364993.66 3766342.00 0.03876c (81090624)
365013.66 3766342.00 0.03560c (81090624) 365033.66 3766342.00 0.03586c (81080824)
365053.66 3766342.00 0.03587c (81080824) 365073.66 3766342.00 0.03405c (81080824)
365093.66 3766342.00 0.03067c (81080824) 365113.66 3766342.00 0.02800c (81080824)
365133.66 3766342.00 0.02519c (81080824) 365153.66 3766342.00 0.02263c (81020724)
365173.66 3766342.00 0.02212c (81020724) 365193.66 3766342.00 0.02082c (81020724)
365213.66 3766342.00 0.01892c (81020724) 365233.66 3766342.00 0.01678c (81020724)
365253.66 3766342.00 0.01673c (81012708) 365273.66 3766342.00 0.01761 (81030608)
365293.66 3766342.00 0.02018 (81030608) 365313.66 3766342.00 0.02249 (81030608)
365333.66 3766342.00 0.02421 (81030608) 365353.66 3766342.00 0.02515 (81030608)
365373.66 3766342.00 0.02543 (81030608) 365393.66 3766342.00 0.02555 (81011208)
1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 155
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365413.66 3766342.00 0.02632 (81011208) 365433.66 3766342.00 0.02739 (81011208)
365453.66 3766342.00 0.02855 (81011208) 365473.66 3766342.00 0.02943 (81011208)
365493.66 3766342.00 0.02937 (81011208) 365513.66 3766342.00 0.02810 (81011208)
365533.66 3766342.00 0.02639 (81011208) 365553.66 3766342.00 0.02489 (81011208)
365573.66 3766342.00 0.02451 (81020808) 365593.66 3766342.00 0.02641 (81020808)
365613.66 3766342.00 0.02711 (81020808) 365633.66 3766342.00 0.02688c (81101508)
365653.66 3766342.00 0.02850c (81101508) 365673.66 3766342.00 0.02922c (81101508)
365693.66 3766342.00 0.02946 (81122224) 365713.66 3766342.00 0.03008 (81122224)
365733.66 3766342.00 0.02970 (81122224) 365753.66 3766342.00 0.02839 (81122224)
365773.66 3766342.00 0.02645 (81122224) 365793.66 3766342.00 0.02541 (81103008)
365813.66 3766342.00 0.02588c (81122324) 365833.66 3766342.00 0.02616c (81122324)
365853.66 3766342.00 0.02613c (81122324) 365873.66 3766342.00 0.02569c (81122324)
365893.66 3766342.00 0.02478c (81122324) 365913.66 3766342.00 0.02345c (81122324)
365933.66 3766342.00 0.02182c (81122324) 365953.66 3766342.00 0.02010c (81122324)

				Coop.POU.txt				
365973.66	3766342.00	0.01897c	(81110208)	365993.66	3766342.00	0.01904c	(81110208)	
366013.66	3766342.00	0.01887c	(81110208)	366033.66	3766342.00	0.01840c	(81110208)	
366053.66	3766342.00	0.01770c	(81110208)	366073.66	3766342.00	0.01693c	(81110208)	
366093.66	3766342.00	0.01625c	(81110208)	366113.66	3766342.00	0.01574c	(81122708)	
366133.66	3766342.00	0.01565c	(81122708)	366153.66	3766342.00	0.01549c	(81122708)	
366173.66	3766342.00	0.01555c	(81103108)	366193.66	3766342.00	0.01558c	(81103108)	
366213.66	3766342.00	0.01551c	(81103108)	366233.66	3766342.00	0.01538c	(81103108)	
366253.66	3766342.00	0.01517c	(81103108)	366273.66	3766342.00	0.01488c	(81103108)	
366293.66	3766342.00	0.01450c	(81103108)	366313.66	3766342.00	0.01439c	(81103024)	
366333.66	3766342.00	0.01434c	(81103024)	366353.66	3766342.00	0.01422c	(81103024)	
366373.66	3766342.00	0.01403c	(81103024)	366393.66	3766342.00	0.01376c	(81103024)	
366413.66	3766342.00	0.01343c	(81103024)	366433.66	3766342.00	0.01307c	(81103024)	
366453.66	3766342.00	0.01272c	(81103024)	366473.66	3766342.00	0.01240c	(81103024)	
366493.66	3766342.00	0.01212c	(81103024)	364713.66	3766362.00	0.02625	(81030408)	
364733.66	3766362.00	0.02488c	(81102108)	364753.66	3766362.00	0.02570c	(81102108)	
364773.66	3766362.00	0.03433	(81021724)	364793.66	3766362.00	0.03798	(81021724)	
364813.66	3766362.00	0.03076	(81021724)	364833.66	3766362.00	0.04983c	(81121708)	
364853.66	3766362.00	0.04950c	(81121708)	364873.66	3766362.00	0.05057c	(81020308)	
364893.66	3766362.00	0.04310c	(81042624)	364913.66	3766362.00	0.03792	(81101908)	
364933.66	3766362.00	0.03818c	(81050224)	364953.66	3766362.00	0.04263c	(81050224)	
364973.66	3766362.00	0.04270c	(81050224)	364993.66	3766362.00	0.03738c	(81050224)	
365013.66	3766362.00	0.03077c	(81032924)	365033.66	3766362.00	0.02880c	(81090624)	
365053.66	3766362.00	0.03065c	(81080824)	365073.66	3766362.00	0.03152c	(81080824)	
365093.66	3766362.00	0.03023c	(81080824)	365113.66	3766362.00	0.02819c	(81080824)	
365133.66	3766362.00	0.02698c	(81080824)	365153.66	3766362.00	0.02540c	(81080824)	
365173.66	3766362.00	0.02260c	(81020724)	365193.66	3766362.00	0.02304c	(81020724)	

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***MODELOPTS: CONC URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365213.66	3766362.00	0.02273c	(81020724)
365253.66	3766362.00	0.02000c	(81020724)
365293.66	3766362.00	0.01913c	(81112924)
365333.66	3766362.00	0.02567	(81030608)
365373.66	3766362.00	0.02923	(81030608)
365413.66	3766362.00	0.02945	(81030608)
365453.66	3766362.00	0.03146	(81011208)
365493.66	3766362.00	0.03468	(81011208)
365533.66	3766362.00	0.03367	(81011208)
365573.66	3766362.00	0.03005	(81011208)
365613.66	3766362.00	0.02972c	(81101508)
365653.66	3766362.00	0.03337c	(81101508)
365693.66	3766362.00	0.03366	(81122224)
365733.66	3766362.00	0.03302	(81122224)
365773.66	3766362.00	0.02894	(81103008)
365813.66	3766362.00	0.02941c	(81122324)
365853.66	3766362.00	0.02867c	(81122324)
365893.66	3766362.00	0.02629c	(81122324)
365933.66	3766362.00	0.02247c	(81122324)
365973.66	3766362.00	0.02128c	(81110208)
366013.66	3766362.00	0.02040c	(81110208)
366053.66	3766362.00	0.01849c	(81110208)
366093.66	3766362.00	0.01764c	(81122708)
366133.66	3766362.00	0.01726c	(81122708)
366173.66	3766362.00	0.01708c	(81103108)
366213.66	3766362.00	0.01689c	(81103108)
366253.66	3766362.00	0.01642c	(81103108)
366293.66	3766362.00	0.01561c	(81103108)
366333.66	3766362.00	0.01511c	(81103024)
366373.66	3766362.00	0.01466c	(81103024)
366413.66	3766362.00	0.01393c	(81103024)
366453.66	3766362.00	0.01316c	(81103024)
366493.66	3766362.00	0.01264c	(81110208)
364733.66	3766382.00	0.02133c	(81102108)
364773.66	3766382.00	0.03090	(81021724)
364813.66	3766382.00	0.02772c	(81121708)
364853.66	3766382.00	0.04035c	(81121708)
364893.66	3766382.00	0.03670c	(81042624)
364933.66	3766382.00	0.02968	(81011924)
364973.66	3766382.00	0.03525c	(81050224)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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***MODELOPTS: CONC URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365013.66	3766382.00	0.02998c	(81050224)
365053.66	3766382.00	0.02426c	(81090624)
365093.66	3766382.00	0.02728c	(81072424)
365133.66	3766382.00	0.02573c	(81080824)
365173.66	3766382.00	0.02485c	(81080824)
365213.66	3766382.00	0.02307c	(81020724)
365253.66	3766382.00	0.02365c	(81020724)
365293.66	3766382.00	0.02152c	(81020724)
365333.66	3766382.00	0.02533	(81030608)
365373.66	3766382.00	0.03347	(81030608)
365413.66	3766382.00	0.03508	(81030608)
365453.66	3766382.00	0.03498	(81011208)
365493.66	3766382.00	0.04057	(81011208)
365533.66	3766382.00	0.04379	(81011208)
365573.66	3766382.00	0.03893	(81011208)
365613.66	3766382.00	0.03575c	(81101508)
365653.66	3766382.00	0.03928c	(81101508)
365693.66	3766382.00	0.03922c	(81101508)
365733.66	3766382.00	0.03693	(81122224)
365773.66	3766382.00	0.03382c	(81122324)

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Coop.POU.txt
365813.66 3766382.00 0.03320c (81122324) 365833.66 3766382.00 0.03228c (81122324)
365853.66 3766382.00 0.03110c (81122324) 365873.66 3766382.00 0.02949c (81122324)
365893.66 3766382.00 0.02745c (81122324) 365913.66 3766382.00 0.02519c (81122324)
365933.66 3766382.00 0.02435c (81110208) 365953.66 3766382.00 0.02408c (81110208)
365973.66 3766382.00 0.02358c (81110208) 365993.66 3766382.00 0.02282c (81110208)
366013.66 3766382.00 0.02173c (81110208) 366033.66 3766382.00 0.02044c (81110208)
366053.66 3766382.00 0.01962c (81122708) 366073.66 3766382.00 0.01976c (81122708)
366093.66 3766382.00 0.01961c (81122708) 366113.66 3766382.00 0.01926c (81122708)
366133.66 3766382.00 0.01880c (81122708) 366153.66 3766382.00 0.01887c (81103108)
366173.66 3766382.00 0.01881c (81103108) 366193.66 3766382.00 0.01865c (81103108)
366213.66 3766382.00 0.01842c (81103108) 366233.66 3766382.00 0.01814c (81103108)
366253.66 3766382.00 0.01779c (81103108) 366273.66 3766382.00 0.01735c (81103108)
366293.66 3766382.00 0.01682c (81103108) 366313.66 3766382.00 0.01621c (81103108)
366333.66 3766382.00 0.01589c (81103024) 366353.66 3766382.00 0.01563c (81103024)
366373.66 3766382.00 0.01531c (81103024) 366393.66 3766382.00 0.01490c (81103024)
366413.66 3766382.00 0.01446c (81103024) 366433.66 3766382.00 0.01403c (81103024)
366453.66 3766382.00 0.01391c (81110208) 366473.66 3766382.00 0.01375c (81110208)
366493.66 3766382.00 0.01356c (81110208) 364713.66 3766402.00 0.01821c (81102108)
364733.66 3766402.00 0.01953 (81021724) 364753.66 3766402.00 0.02468 (81021724)
364773.66 3766402.00 0.02613 (81021724) 364793.66 3766402.00 0.02258 (81021724)
1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
364813.66 3766402.00 0.02710c (81121708) 364833.66 3766402.00 0.03738c (81121708)
364853.66 3766402.00 0.03355c (81121708) 364873.66 3766402.00 0.03407c (81020308)
364893.66 3766402.00 0.03120c (81042624) 364913.66 3766402.00 0.02547c (81042624)
364933.66 3766402.00 0.02582c (81100624) 364953.66 3766402.00 0.02445 (81011924)
364973.66 3766402.00 0.02762c (81050224) 364993.66 3766402.00 0.02964c (81050224)
365013.66 3766402.00 0.02841c (81050224) 365033.66 3766402.00 0.02491c (81050224)
365053.66 3766402.00 0.02369c (81032924) 365073.66 3766402.00 0.02189c (81081624)
365093.66 3766402.00 0.02380c (81072424) 365113.66 3766402.00 0.02443c (81072424)
365133.66 3766402.00 0.02336c (81080824) 365153.66 3766402.00 0.02338c (81080824)
365173.66 3766402.00 0.02379c (81080824) 365193.66 3766402.00 0.02370c (81080824)
365213.66 3766402.00 0.02305 (81030208) 365233.66 3766402.00 0.02387 (81030208)
365253.66 3766402.00 0.02449 (81030208) 365273.66 3766402.00 0.02482c (81020724)
365293.66 3766402.00 0.02524c (81020724) 365313.66 3766402.00 0.02500c (81020724)
365333.66 3766402.00 0.02435c (81112924) 365353.66 3766402.00 0.02901 (81030608)
365373.66 3766402.00 0.03628 (81030608) 365393.66 3766402.00 0.04198 (81030608)
365413.66 3766402.00 0.04363 (81030608) 365433.66 3766402.00 0.04313 (81030608)
365453.66 3766402.00 0.04253 (81030608) 365473.66 3766402.00 0.04391 (81011208)
365493.66 3766402.00 0.04945 (81040308) 365513.66 3766402.00 0.05422 (81011208)
365533.66 3766402.00 0.05716 (81011208) 365553.66 3766402.00 0.05514 (81011208)
365573.66 3766402.00 0.05046 (81011208) 365593.66 3766402.00 0.04515 (81011208)
365613.66 3766402.00 0.04321c (81101508) 365633.66 3766402.00 0.04580c (81101508)
365653.66 3766402.00 0.04701c (81101508) 365673.66 3766402.00 0.04716c (81101508)
365693.66 3766402.00 0.04657c (81101508) 365713.66 3766402.00 0.04500c (81101508)
365733.66 3766402.00 0.04252c (81101508) 365753.66 3766402.00 0.03949c (81101508)
365773.66 3766402.00 0.03920c (81122324) 365793.66 3766402.00 0.03863c (81122324)
365813.66 3766402.00 0.03731c (81122324) 365833.66 3766402.00 0.03548c (81122324)
365853.66 3766402.00 0.03333c (81122324) 365873.66 3766402.00 0.03085c (81122324)
365893.66 3766402.00 0.02874c (81110208) 365913.66 3766402.00 0.02827c (81110208)
365933.66 3766402.00 0.02766c (81110208) 365953.66 3766402.00 0.02682c (81110208)
365973.66 3766402.00 0.02578c (81110208) 365993.66 3766402.00 0.02449c (81110208)
366013.66 3766402.00 0.02292c (81110208) 366033.66 3766402.00 0.02171c (81122708)
366053.66 3766402.00 0.02204c (81122708) 366073.66 3766402.00 0.02194c (81122708)
366093.66 3766402.00 0.02149c (81122708) 366113.66 3766402.00 0.02087c (81122708)
366133.66 3766402.00 0.02098c (81103108) 366153.66 3766402.00 0.02092c (81103108)
366173.66 3766402.00 0.02072c (81103108) 366193.66 3766402.00 0.02043c (81103108)
366213.66 3766402.00 0.02008c (81103108) 366233.66 3766402.00 0.01969c (81103108)
366253.66 3766402.00 0.01924c (81103108) 366273.66 3766402.00 0.01871c (81103108)
366293.66 3766402.00 0.01808c (81103108) 366313.66 3766402.00 0.01737c (81103108)
366333.66 3766402.00 0.01671c (81103024) 366353.66 3766402.00 0.01640c (81103024)
366373.66 3766402.00 0.01601c (81103024) 366393.66 3766402.00 0.01555c (81103024)
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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
366413.66 3766402.00 0.01534c (81110208) 366433.66 3766402.00 0.01523c (81110208)
366453.66 3766402.00 0.01505c (81110208) 366473.66 3766402.00 0.01482c (81110208)
366493.66 3766402.00 0.01458c (81110208) 364713.66 3766422.00 0.01614c (81102108)
364733.66 3766422.00 0.01968 (81021724) 364753.66 3766422.00 0.02223 (81021724)
364773.66 3766422.00 0.02141 (81021724) 364793.66 3766422.00 0.01960c (81112424)
364813.66 3766422.00 0.02676c (81112424) 364833.66 3766422.00 0.03241c (81121708)
364853.66 3766422.00 0.02827c (81121708) 364873.66 3766422.00 0.02873c (81020308)
364893.66 3766422.00 0.02656c (81042624) 364913.66 3766422.00 0.02350c (81042624)
364933.66 3766422.00 0.02223c (81100624) 364953.66 3766422.00 0.02243 (81011924)
364973.66 3766422.00 0.02102c (81050224) 364993.66 3766422.00 0.02417c (81050224)
365013.66 3766422.00 0.02525c (81050224) 365033.66 3766422.00 0.02413c (81050224)
365053.66 3766422.00 0.02229c (81032924) 365073.66 3766422.00 0.02159c (81032924)
365093.66 3766422.00 0.02002c (81090624) 365113.66 3766422.00 0.02146c (81072424)
365133.66 3766422.00 0.02160c (81072424) 365153.66 3766422.00 0.02064 (81030208)
365173.66 3766422.00 0.02208 (81030208) 365193.66 3766422.00 0.02363 (81030208)
365213.66 3766422.00 0.02532 (81030208) 365233.66 3766422.00 0.02712 (81030208)
365253.66 3766422.00 0.02901 (81030208) 365273.66 3766422.00 0.03093 (81030208)
365293.66 3766422.00 0.03278 (81030208) 365313.66 3766422.00 0.03436 (81030208)
365333.66 3766422.00 0.03535 (81030208) 365353.66 3766422.00 0.03529 (81030208)
365373.66 3766422.00 0.03476c (81112924) 365393.66 3766422.00 0.04622 (81030608)
365413.66 3766422.00 0.05769 (81030608) 365433.66 3766422.00 0.06295 (81011208)
365453.66 3766422.00 0.05588 (81030608) 365473.66 3766422.00 0.06097 (81040308)
365493.66 3766422.00 0.06415 (81011208) 365513.66 3766422.00 0.07095 (81011208)
365533.66 3766422.00 0.07280 (81011208) 365553.66 3766422.00 0.07106 (81011208)
365573.66 3766422.00 0.06606 (81011208) 365593.66 3766422.00 0.05970 (81011208)
365613.66 3766422.00 0.05371c (81101508) 365633.66 3766422.00 0.05693c (81101508)

			Coop.POU.txt		
365653.66	3766422.00	0.05793c (81101508)	365673.66	3766422.00	0.05767c (81101508)
365693.66	3766422.00	0.05661c (81101508)	365713.66	3766422.00	0.05450c (81101508)
365733.66	3766422.00	0.05107c (81101508)	365753.66	3766422.00	0.04667c (81101508)
365773.66	3766422.00	0.04513c (81122324)	365793.66	3766422.00	0.04391c (81122324)
365813.66	3766422.00	0.04188c (81122324)	365833.66	3766422.00	0.03876c (81122324)
365853.66	3766422.00	0.03554c (81110208)	365873.66	3766422.00	0.03457c (81110208)
365893.66	3766422.00	0.03351c (81110208)	365913.66	3766422.00	0.03232c (81110208)
365933.66	3766422.00	0.03099c (81110208)	365953.66	3766422.00	0.02948c (81110208)
365973.66	3766422.00	0.02792c (81110208)	365993.66	3766422.00	0.02613c (81110208)
366013.66	3766422.00	0.02425c (81110208)	366033.66	3766422.00	0.02434c (81122708)
366053.66	3766422.00	0.02442c (81122708)	366073.66	3766422.00	0.02397c (81122708)
366093.66	3766422.00	0.02328c (81103108)	366113.66	3766422.00	0.02345c (81103108)
366133.66	3766422.00	0.02341c (81103108)	366153.66	3766422.00	0.02317c (81103108)
366173.66	3766422.00	0.02278c (81103108)	366193.66	3766422.00	0.02231c (81103108)

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***MODELOPTS: CONC URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
366213.66	3766422.00	0.02181c	(81103108)	366233.66	3766422.00	0.02129c	(81103108)
366253.66	3766422.00	0.02074c	(81103108)	366273.66	3766422.00	0.02012c	(81103108)
366293.66	3766422.00	0.01940c	(81103108)	366313.66	3766422.00	0.01860c	(81103108)
366333.66	3766422.00	0.01778c	(81103108)	366353.66	3766422.00	0.01729c	(81103024)
366373.66	3766422.00	0.01690c	(81110208)	366393.66	3766422.00	0.01687c	(81110208)
366413.66	3766422.00	0.01677c	(81110208)	366433.66	3766422.00	0.01658c	(81110208)
366453.66	3766422.00	0.01630c	(81110208)	366473.66	3766422.00	0.01598c	(81110208)
366493.66	3766422.00	0.01567c	(81110208)	364713.66	3766442.00	0.01576c	(81021724)
364733.66	3766442.00	0.01853c	(81021724)	364753.66	3766442.00	0.01920c	(81021724)
364773.66	3766442.00	0.01729c	(81021724)	364793.66	3766442.00	0.02092c	(81112424)
364813.66	3766442.00	0.02528c	(81112424)	364833.66	3766442.00	0.02812c	(81121708)
364853.66	3766442.00	0.02402c	(81121708)	364873.66	3766442.00	0.02459c	(81020308)
364893.66	3766442.00	0.02269c	(81042624)	364913.66	3766442.00	0.02141c	(81042624)
364933.66	3766442.00	0.01868c	(81011924)	364953.66	3766442.00	0.02014c	(81011924)
364973.66	3766442.00	0.01913c	(81011924)	364993.66	3766442.00	0.01905c	(81050224)
365013.66	3766442.00	0.02135c	(81050224)	365033.66	3766442.00	0.02208c	(81050224)
365053.66	3766442.00	0.02118c	(81050224)	365073.66	3766442.00	0.02078c	(81032924)
365093.66	3766442.00	0.01930c	(81032924)	365113.66	3766442.00	0.01842c	(81090624)
365133.66	3766442.00	0.01915c	(81012908)	365153.66	3766442.00	0.02041c	(81012908)
365173.66	3766442.00	0.02182c	(81012908)	365193.66	3766442.00	0.02340c	(81012908)
365213.66	3766442.00	0.02520c	(81012908)	365233.66	3766442.00	0.02735c	(81030208)
365253.66	3766442.00	0.02999c	(81030208)	365273.66	3766442.00	0.03303c	(81030208)
365293.66	3766442.00	0.03656c	(81030208)	365313.66	3766442.00	0.04065c	(81030208)
365333.66	3766442.00	0.04536c	(81030208)	365353.66	3766442.00	0.05063c	(81030208)
365373.66	3766442.00	0.05611c	(81030208)	365393.66	3766442.00	0.06062c	(81030208)
365413.66	3766442.00	0.06387c	(81030608)	365433.66	3766442.00	0.09667c	(81030608)
365453.66	3766442.00	0.10781c	(81011208)	365473.66	3766442.00	0.11764c	(81101508)
365493.66	3766442.00	0.10469c	(81011208)	365513.66	3766442.00	0.09504c	(81011208)
365533.66	3766442.00	0.09226c	(81011208)	365553.66	3766442.00	0.09324c	(81011208)
365573.66	3766442.00	0.08982c	(81011208)	365593.66	3766442.00	0.08195c	(81011208)
365613.66	3766442.00	0.07395c	(81011208)	365633.66	3766442.00	0.07433c	(81101508)
365653.66	3766442.00	0.07458c	(81101508)	365673.66	3766442.00	0.07326c	(81101508)
365693.66	3766442.00	0.07106c	(81101508)	365713.66	3766442.00	0.06770c	(81101508)
365733.66	3766442.00	0.06249c	(81101508)	365753.66	3766442.00	0.05582c	(81101508)
365773.66	3766442.00	0.05236c	(81122324)	365793.66	3766442.00	0.05006c	(81122324)
365813.66	3766442.00	0.04700c	(81110208)	365833.66	3766442.00	0.04467c	(81110208)
365853.66	3766442.00	0.04275c	(81110208)	365873.66	3766442.00	0.04077c	(81110208)
365893.66	3766442.00	0.03857c	(81110208)	365913.66	3766442.00	0.03645c	(81110208)
365933.66	3766442.00	0.03432c	(81110208)	365953.66	3766442.00	0.03226c	(81110208)
365973.66	3766442.00	0.03033c	(81110208)	365993.66	3766442.00	0.02812c	(81110208)

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***MODELOPTS: CONC URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
366013.66	3766442.00	0.02667c	(81122708)	366033.66	3766442.00	0.02692c	(81122708)
366053.66	3766442.00	0.02664c	(81122708)	366073.66	3766442.00	0.02605c	(81103108)
366093.66	3766442.00	0.02630c	(81103108)	366113.66	3766442.00	0.02630c	(81103108)
366133.66	3766442.00	0.02602c	(81103108)	366153.66	3766442.00	0.02550c	(81103108)
366173.66	3766442.00	0.02487c	(81103108)	366193.66	3766442.00	0.02420c	(81103108)
366213.66	3766442.00	0.02355c	(81103108)	366233.66	3766442.00	0.02291c	(81103108)
366253.66	3766442.00	0.02228c	(81103108)	366273.66	3766442.00	0.02160c	(81103108)
366293.66	3766442.00	0.02081c	(81103108)	366313.66	3766442.00	0.01993c	(81103108)
366333.66	3766442.00	0.01902c	(81103108)	366353.66	3766442.00	0.01871c	(81110208)
366373.66	3766442.00	0.01868c	(81110208)	366393.66	3766442.00	0.01857c	(81110208)
366413.66	3766442.00	0.01835c	(81110208)	366433.66	3766442.00	0.01801c	(81110208)
366453.66	3766442.00	0.01760c	(81110208)	366473.66	3766442.00	0.01719c	(81110208)
366493.66	3766442.00	0.01682c	(81110208)	364713.66	3766462.00	0.01532c	(81021724)
364733.66	3766462.00	0.01668c	(81021724)	364753.66	3766462.00	0.01619c	(81021724)
364773.66	3766462.00	0.01620c	(81112424)	364793.66	3766462.00	0.02075c	(81112424)
364813.66	3766462.00	0.02408c	(81121024)	364833.66	3766462.00	0.02543c	(81121024)
364853.66	3766462.00	0.02195c	(81121024)	364873.66	3766462.00	0.02132c	(81020308)
364893.66	3766462.00	0.01975c	(81020308)	364913.66	3766462.00	0.01934c	(81042624)
364933.66	3766462.00	0.01576c	(81021408)	364953.66	3766462.00	0.01772c	(81011924)
364973.66	3766462.00	0.01769c	(81011924)	364993.66	3766462.00	0.01850c	(81121024)
365013.66	3766462.00	0.01892c	(81121024)	365033.66	3766462.00	0.01929c	(81050224)
365053.66	3766462.00	0.01987c	(81050224)	365073.66	3766462.00	0.01898c	(81010308)
365093.66	3766462.00	0.01897c	(81010308)	365113.66	3766462.00	0.01887c	(81010308)
365133.66	3766462.00	0.01921c	(81010308)	365153.66	3766462.00	0.02011c	(81010308)
365173.66	3766462.00	0.02119c	(81010308)	365193.66	3766462.00	0.02279c	(81012908)
365213.66	3766462.00	0.02464c	(81012908)	365233.66	3766462.00	0.02678c	(81012908)
365253.66	3766462.00	0.02930c	(81012908)	365273.66	3766462.00	0.03228c	(81012908)
365293.66	3766462.00	0.03589c	(81012908)	365313.66	3766462.00	0.04035c	(81012908)
365333.66	3766462.00	0.04601c	(81012908)	365353.66	3766462.00	0.05346c	(81012908)
365373.66	3766462.00	0.06377c	(81012908)	365393.66	3766462.00	0.07907c	(81012908)
365413.66	3766462.00	0.10417c	(81012908)	365433.66	3766462.00	0.15226c	(81012908)
365453.66	3766462.00	0.14757c	(81012908)	365473.66	3766462.00	0.13465c	(81030608)

Coop.POU.txt
365493.66 3766462.00 0.14590c (81110208) 365513.66 3766462.00 0.15332c (81113024)
365533.66 3766462.00 0.13626 (81011208) 365553.66 3766462.00 0.13194 (81011208)
365573.66 3766462.00 0.13087 (81011208) 365593.66 3766462.00 0.12141 (81011208)
365613.66 3766462.00 0.10962 (81011208) 365633.66 3766462.00 0.10574c (81101508)
365653.66 3766462.00 0.10285c (81101508) 365673.66 3766462.00 0.09806c (81101508)
365693.66 3766462.00 0.09260c (81101508) 365713.66 3766462.00 0.08644c (81101508)
365733.66 3766462.00 0.07831c (81101508) 365753.66 3766462.00 0.07026c (81110208)
365773.66 3766462.00 0.06730c (81110208) 365793.66 3766462.00 0.06298c (81110208)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365813.66	3766462.00	0.05852c	(81110208)	365833.66	3766462.00	0.05483c	(81110208)
365853.66	3766462.00	0.05123c	(81110208)	365873.66	3766462.00	0.04735c	(81110208)
365893.66	3766462.00	0.04378c	(81110208)	365913.66	3766462.00	0.04085c	(81110208)
365933.66	3766462.00	0.03803c	(81110208)	365953.66	3766462.00	0.03580c	(81110208)
365973.66	3766462.00	0.03352c	(81110208)	365993.66	3766462.00	0.03106c	(81110208)
366013.66	3766462.00	0.02953c	(81110208)	366033.66	3766462.00	0.02939c	(81122708)
366053.66	3766462.00	0.02918c	(81103108)	366073.66	3766462.00	0.02954c	(81103108)
366093.66	3766462.00	0.02963c	(81103108)	366113.66	3766462.00	0.02932c	(81103108)
366133.66	3766462.00	0.02865c	(81103108)	366153.66	3766462.00	0.02781c	(81103108)
366173.66	3766462.00	0.02693c	(81103108)	366193.66	3766462.00	0.02608c	(81103108)
366213.66	3766462.00	0.02531c	(81103108)	366233.66	3766462.00	0.02461c	(81103108)
366253.66	3766462.00	0.02394c	(81103108)	366273.66	3766462.00	0.02322c	(81103108)
366293.66	3766462.00	0.02237c	(81103108)	366313.66	3766462.00	0.02140c	(81103108)
366333.66	3766462.00	0.02089c	(81110208)	366353.66	3766462.00	0.02081c	(81110208)
366373.66	3766462.00	0.02065c	(81110208)	366393.66	3766462.00	0.02039c	(81110208)
366413.66	3766462.00	0.01999c	(81110208)	366433.66	3766462.00	0.01948c	(81110208)
366453.66	3766462.00	0.01894c	(81110208)	366473.66	3766462.00	0.01845c	(81110208)
366493.66	3766462.00	0.01803c	(81110208)	364713.66	3766482.00	0.01423 (81021724)	
364733.66	3766482.00	0.01458 (81021724)		364753.66	3766482.00	0.01349 (81021724)	
364773.66	3766482.00	0.01659c (81112424)		364793.66	3766482.00	0.01943c (81112424)	
364813.66	3766482.00	0.02271c (81121024)		364833.66	3766482.00	0.02330c (81121024)	
364853.66	3766482.00	0.02022c (81121024)		364873.66	3766482.00	0.01869c (81020308)	
364893.66	3766482.00	0.01756c (81020308)		364913.66	3766482.00	0.01738c (81042624)	
364933.66	3766482.00	0.01462c (81042624)		364953.66	3766482.00	0.01534 (81011924)	
364973.66	3766482.00	0.01614c (81121024)		364993.66	3766482.00	0.01770c (81121024)	
365013.66	3766482.00	0.01805c (81121024)		365033.66	3766482.00	0.01824c (81121024)	
365053.66	3766482.00	0.01851c (81121024)		365073.66	3766482.00	0.01841c (81121024)	
365093.66	3766482.00	0.01872c (81010308)		365113.66	3766482.00	0.01889c (81010308)	
365133.66	3766482.00	0.01914c (81010308)		365153.66	3766482.00	0.01984c (81010308)	
365173.66	3766482.00	0.02091c (81010308)		365193.66	3766482.00	0.02201c (81010308)	
365213.66	3766482.00	0.02301c (81010308)		365233.66	3766482.00	0.02404c (81010308)	
365253.66	3766482.00	0.02616c (81012908)		365273.66	3766482.00	0.02863c (81012908)	
365293.66	3766482.00	0.03156c (81012908)		365313.66	3766482.00	0.03508c (81012908)	
365333.66	3766482.00	0.03941c (81012908)		365353.66	3766482.00	0.04499 (81112724)	
365373.66	3766482.00	0.05406 (81030108)		365393.66	3766482.00	0.06815 (81030108)	
365413.66	3766482.00	0.08924 (81030108)		365433.66	3766482.00	0.12119 (81030108)	
365453.66	3766482.00	0.19644c (81123108)		365473.66	3766482.00	0.14142c (81010308)	
365493.66	3766482.00	0.17283c (81010308)		365513.66	3766482.00	0.16101c (81122524)	
365533.66	3766482.00	0.15146c (81101208)		365553.66	3766482.00	0.15450c (81101208)	
365573.66	3766482.00	0.18479 (81011208)		365593.66	3766482.00	0.20393 (81011208)	

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365613.66	3766482.00	0.18958 (81011208)		365633.66	3766482.00	0.17554c (81101508)	
365653.66	3766482.00	0.15791c (81101508)		365673.66	3766482.00	0.14114c (81101508)	
365693.66	3766482.00	0.12747c (81101508)		365713.66	3766482.00	0.11587c (81101508)	
365733.66	3766482.00	0.10521c (81103108)		365753.66	3766482.00	0.09786c (81110208)	
365773.66	3766482.00	0.09032c (81110208)		365793.66	3766482.00	0.08164c (81110208)	
365813.66	3766482.00	0.07408c (81110208)		365833.66	3766482.00	0.06712c (81110208)	
365853.66	3766482.00	0.06026c (81110208)		365873.66	3766482.00	0.05417c (81110208)	
365893.66	3766482.00	0.05209c (81103108)		365913.66	3766482.00	0.04776c (81103108)	
365933.66	3766482.00	0.04305c (81110208)		365953.66	3766482.00	0.04110c (81110208)	
365973.66	3766482.00	0.03803c (81110208)		365993.66	3766482.00	0.03564c (81110208)	
366013.66	3766482.00	0.03437c (81110208)		366033.66	3766482.00	0.03319c (81110208)	
366053.66	3766482.00	0.03317c (81103108)		366073.66	3766482.00	0.03341c (81103108)	
366093.66	3766482.00	0.03313c (81103108)		366113.66	3766482.00	0.03232c (81103108)	
366133.66	3766482.00	0.03122c (81103108)		366153.66	3766482.00	0.03008c (81103108)	
366173.66	3766482.00	0.02902c (81103108)		366193.66	3766482.00	0.02807c (81103108)	
366213.66	3766482.00	0.02724c (81103108)		366233.66	3766482.00	0.02651c (81103108)	
366253.66	3766482.00	0.02583c (81103108)		366273.66	3766482.00	0.02509c (81103108)	
366293.66	3766482.00	0.02417c (81103108)		366313.66	3766482.00	0.02349c (81110208)	
366333.66	3766482.00	0.02332c (81110208)		366353.66	3766482.00	0.02308c (81110208)	
366373.66	3766482.00	0.02276c (81110208)		366393.66	3766482.00	0.02229c (81110208)	
366413.66	3766482.00	0.02168c (81110208)		366433.66	3766482.00	0.02099c (81110208)	
366453.66	3766482.00	0.02034c (81110208)		366473.66	3766482.00	0.01979c (81110208)	
366493.66	3766482.00	0.01934c (81110208)		364713.66	3766502.00	0.01282 (81021724)	
364733.66	3766502.00	0.01254 (81021724)		364753.66	3766502.00	0.01338c (81112424)	
364773.66	3766502.00	0.01594c (81112424)		364793.66	3766502.00	0.01822c (81121024)	
364813.66	3766502.00	0.02115c (81121024)		364833.66	3766502.00	0.02124c (81121024)	
364853.66	3766502.00	0.01851c (81121024)		364873.66	3766502.00	0.01654c (81020308)	
364893.66	3766502.00	0.01572c (81020308)		364913.66	3766502.00	0.01559c (81042624)	
364933.66	3766502.00	0.01383c (81042624)		364953.66	3766502.00	0.01349c (81121024)	
364973.66	3766502.00	0.01554c (81121024)		364993.66	3766502.00	0.01652c (81121024)	
365013.66	3766502.00	0.01664c (81121024)		365033.66	3766502.00	0.01689c (81121024)	
365053.66	3766502.00	0.01744c (81121024)		365073.66	3766502.00	0.01780c (81121024)	
365093.66	3766502.00	0.01774c (81121024)		365113.66	3766502.00	0.01790c (81010308)	
365133.66	3766502.00	0.01822c (81010308)		365153.66	3766502.00	0.01873c (81010308)	
365173.66	3766502.00	0.01964 (81030108)		365193.66	3766502.00	0.02121 (81030108)	
365213.66	3766502.00	0.02302 (81030108)		365233.66	3766502.00	0.02512 (81030108)	
365253.66	3766502.00	0.02757 (81030108)		365273.66	3766502.00	0.03044 (81030108)	
365293.66	3766502.00	0.03383 (81030108)		365313.66	3766502.00	0.03780 (81030108)	

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365333.66 3766502.00 0.04245 (81030108) 365353.66 3766502.00 0.04778 (81030108)
365373.66 3766502.00 0.05376 (81030108) 365393.66 3766502.00 0.06026 (81030108)
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365413.66	3766502.00	0.06752	(81030108)	365433.66	3766502.00	0.07681	(81030108)
365453.66	3766502.00	0.09524	(81123108)	365473.66	3766502.00	0.11828	(81030408)
365493.66	3766502.00	0.13989	(81121024)	365513.66	3766502.00	0.16932	(81010308)
365533.66	3766502.00	0.19049	(81010308)	365553.66	3766502.00	0.21518	(81012908)
365573.66	3766502.00	0.19430	(81012908)	365593.66	3766502.00	0.19160	(81101208)
365613.66	3766502.00	0.18962	(81101208)	365633.66	3766502.00	0.20989	(81011208)
365653.66	3766502.00	0.27397	(81011208)	365673.66	3766502.00	0.24830	(81103108)
365693.66	3766502.00	0.21191	(81103108)	365713.66	3766502.00	0.18472	(81103108)
365733.66	3766502.00	0.16266	(81110208)	365753.66	3766502.00	0.14522	(81110208)
365773.66	3766502.00	0.12666	(81110208)	365793.66	3766502.00	0.10878	(81110208)
365813.66	3766502.00	0.09344	(81110208)	365833.66	3766502.00	0.08044	(81110208)
365853.66	3766502.00	0.07019	(81110208)	365873.66	3766502.00	0.06539	(81103108)
365893.66	3766502.00	0.06255	(81103108)	365913.66	3766502.00	0.05593	(81103108)
365933.66	3766502.00	0.05148	(81110208)	365953.66	3766502.00	0.04876	(81110208)
365973.66	3766502.00	0.04437	(81110208)	365993.66	3766502.00	0.04227	(81110208)
366013.66	3766502.00	0.04032	(81110208)	366033.66	3766502.00	0.03748	(81110208)
366053.66	3766502.00	0.03772	(81103108)	366073.66	3766502.00	0.03758	(81103108)
366093.66	3766502.00	0.03670	(81103108)	366113.66	3766502.00	0.03535	(81103108)
366133.66	3766502.00	0.03390	(81103108)	366153.66	3766502.00	0.03257	(81103108)
366173.66	3766502.00	0.03142	(81103108)	366193.66	3766502.00	0.03042	(81103108)
366213.66	3766502.00	0.02957	(81103108)	366233.66	3766502.00	0.02882	(81103108)
366253.66	3766502.00	0.02812	(81103108)	366273.66	3766502.00	0.02733	(81103108)
366293.66	3766502.00	0.02665	(81110208)	366313.66	3766502.00	0.02632	(81110208)
366333.66	3766502.00	0.02594	(81110208)	366353.66	3766502.00	0.02551	(81110208)
366373.66	3766502.00	0.02497	(81110208)	366393.66	3766502.00	0.02427	(81110208)
366413.66	3766502.00	0.02343	(81110208)	366433.66	3766502.00	0.02258	(81110208)
366453.66	3766502.00	0.02186	(81110208)	366473.66	3766502.00	0.02127	(81110208)
366493.66	3766502.00	0.02077	(81110208)	364713.66	3766522.00	0.01134	(81021724)
364733.66	3766522.00	0.01107	(81112424)	364753.66	3766522.00	0.01299	(81112424)
364773.66	3766522.00	0.01476	(81112424)	364793.66	3766522.00	0.01733	(81121024)
364813.66	3766522.00	0.01947	(81121024)	364833.66	3766522.00	0.01923	(81121024)
364853.66	3766522.00	0.01680	(81121024)	364873.66	3766522.00	0.01476	(81020308)
364893.66	3766522.00	0.01416	(81020308)	364913.66	3766522.00	0.01399	(81042624)
364933.66	3766522.00	0.01296	(81042624)	364953.66	3766522.00	0.01310	(81121024)
364973.66	3766522.00	0.01460	(81121024)	364993.66	3766522.00	0.01508	(81121024)
365013.66	3766522.00	0.01494	(81121024)	365033.66	3766522.00	0.01506	(81121024)
365053.66	3766522.00	0.01567	(81121024)	365073.66	3766522.00	0.01629	(81121024)
365093.66	3766522.00	0.01687	(81030108)	365113.66	3766522.00	0.01793	(81030108)
365133.66	3766522.00	0.01911	(81030108)	365153.66	3766522.00	0.02042	(81030108)
365173.66	3766522.00	0.02188	(81030108)	365193.66	3766522.00	0.02350	(81030108)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365213.66	3766522.00	0.02530	(81030108)	365233.66	3766522.00	0.02731	(81030108)
365253.66	3766522.00	0.02952	(81030108)	365273.66	3766522.00	0.03195	(81030108)
365293.66	3766522.00	0.03460	(81030108)	365313.66	3766522.00	0.03745	(81030108)
365333.66	3766522.00	0.04051	(81030108)	365353.66	3766522.00	0.04381	(81030108)
365373.66	3766522.00	0.04748	(81030108)	365393.66	3766522.00	0.05178	(81030108)
365413.66	3766522.00	0.05695	(81030108)	365433.66	3766522.00	0.06313	(81030108)
365453.66	3766522.00	0.07055	(81030108)	365473.66	3766522.00	0.07984	(81030108)
365493.66	3766522.00	0.09189	(81030108)	365513.66	3766522.00	0.10814	(81030108)
365533.66	3766522.00	0.13113	(81030108)	365553.66	3766522.00	0.16517	(81030108)
365573.66	3766522.00	0.21282	(81030108)	365593.66	3766522.00	0.23165	(81010308)
365613.66	3766522.00	0.25216	(81010308)	365633.66	3766522.00	0.28024	(81010308)
365653.66	3766522.00	0.25532	(81010308)	365673.66	3766522.00	0.24122	(81030608)
365693.66	3766522.00	0.24312	(81032624)	365713.66	3766522.00	0.25864	(81110208)
365733.66	3766522.00	0.28267	(81110208)	365753.66	3766522.00	0.24315	(81110208)
365773.66	3766522.00	0.18890	(81110208)	365793.66	3766522.00	0.14525	(81110208)
365813.66	3766522.00	0.11683	(81110208)	365833.66	3766522.00	0.09826	(81110208)
365853.66	3766522.00	0.08728	(81113024)	365873.66	3766522.00	0.08132	(81103108)
365893.66	3766522.00	0.07872	(81113024)	365913.66	3766522.00	0.06869	(81103024)
365933.66	3766522.00	0.06679	(81110208)	365953.66	3766522.00	0.05788	(81110208)
365973.66	3766522.00	0.05400	(81110208)	365993.66	3766522.00	0.05045	(81110208)
366013.66	3766522.00	0.04501	(81110208)	366033.66	3766522.00	0.04278	(81103108)
366053.66	3766522.00	0.04297	(81103108)	366073.66	3766522.00	0.04230	(81103108)
366093.66	3766522.00	0.04074	(81103108)	366113.66	3766522.00	0.03890	(81103108)
366133.66	3766522.00	0.03720	(81103108)	366153.66	3766522.00	0.03575	(81103108)
366173.66	3766522.00	0.03453	(81103108)	366193.66	3766522.00	0.03350	(81103108)
366213.66	3766522.00	0.03260	(81103108)	366233.66	3766522.00	0.03178	(81103108)
366253.66	3766522.00	0.03103	(81110208)	366273.66	3766522.00	0.03054	(81110208)
366293.66	3766522.00	0.02999	(81110208)	366313.66	3766522.00	0.02942	(81110208)
366333.66	3766522.00	0.02882	(81110208)	366353.66	3766522.00	0.02817	(81110208)
366373.66	3766522.00	0.02738	(81110208)	366393.66	3766522.00	0.02640	(81110208)
366413.66	3766522.00	0.02533	(81110208)	366433.66	3766522.00	0.02437	(81110208)
366453.66	3766522.00	0.02360	(81110208)	366473.66	3766522.00	0.02296	(81110208)
366493.66	3766522.00	0.02235	(81110208)	364713.66	3766542.00	0.00996	(81021724)
364733.66	3766542.00	0.01070	(81112424)	364753.66	3766542.00	0.01215	(81112424)
364773.66	3766542.00	0.01345	(81112424)	364793.66	3766542.00	0.01621	(81121024)
364813.66	3766542.00	0.01774	(81121024)	364833.66	3766542.00	0.01728	(81121024)
364853.66	3766542.00	0.01513	(81121024)	364873.66	3766542.00	0.01327	(81020308)
364893.66	3766542.00	0.01284	(81020308)	364913.66	3766542.00	0.01256	(81042624)
364933.66	3766542.00	0.01211	(81030108)	364953.66	3766542.00	0.01267	(81030108)
364973.66	3766542.00	0.01345	(81121024)	364993.66	3766542.00	0.01392	(81030108)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365013.66	3766542.00	0.01462	(81030108)	365033.66	3766542.00	0.01538	(81030108)
365053.66	3766542.00	0.01620	(81030108)	365073.66	3766542.00	0.01709	(81030108)
365093.66	3766542.00	0.01806	(81030108)	365113.66	3766542.00	0.01911	(81030108)
365133.66	3766542.00	0.02024	(81030108)	365153.66	3766542.00	0.02147	(81030108)
365173.66	3766542.00	0.02280	(81030108)	365193.66	3766542.00	0.02422	(81030108)
365213.66	3766542.00	0.02574	(81030108)	365233.66	3766542.00	0.02736	(81030108)
365253.66	3766542.00	0.02908	(81030108)	365273.66	3766542.00	0.03090	(81030108)
365293.66	3766542.00	0.03284	(81030108)	365313.66	3766542.00	0.03493	(81030108)
365333.66	3766542.00	0.03722	(81030108)	365353.66	3766542.00	0.03978	(81030108)
365373.66	3766542.00	0.04271	(81030108)	365393.66	3766542.00	0.04604	(81030108)
365413.66	3766542.00	0.04987	(81030108)	365433.66	3766542.00	0.05434	(81030108)
365453.66	3766542.00	0.05961	(81030108)	365473.66	3766542.00	0.06589	(81030108)
365493.66	3766542.00	0.07341	(81030108)	365513.66	3766542.00	0.08244	(81030108)
365533.66	3766542.00	0.09461c	(81123108)	365553.66	3766542.00	0.11397c	(81123108)
365573.66	3766542.00	0.14211c	(81123108)	365593.66	3766542.00	0.17566c	(81123108)
365613.66	3766542.00	0.21134	(81030408)	365633.66	3766542.00	0.24963	(81030408)
365653.66	3766542.00	0.29113c	(81010308)	365673.66	3766542.00	0.34513c	(81010308)
365693.66	3766542.00	0.30943c	(81051924)	365713.66	3766542.00	0.30167c	(81122524)
365733.66	3766542.00	0.27917c	(81122524)	365753.66	3766542.00	0.25764	(81032624)
365773.66	3766542.00	0.23764	(81032624)	365793.66	3766542.00	0.20495c	(81010624)
365813.66	3766542.00	0.16660c	(81010624)	365833.66	3766542.00	0.14129c	(81113024)
365853.66	3766542.00	0.12472c	(81113024)	365873.66	3766542.00	0.11230c	(81103108)
365893.66	3766542.00	0.10779c	(81113024)	365913.66	3766542.00	0.09976c	(81110208)
365933.66	3766542.00	0.08399c	(81110208)	365953.66	3766542.00	0.07574c	(81110208)
365973.66	3766542.00	0.06641c	(81110208)	365993.66	3766542.00	0.05525c	(81110208)
366013.66	3766542.00	0.05283c	(81113024)	366033.66	3766542.00	0.05238c	(81113024)
366053.66	3766542.00	0.05004c	(81103108)	366073.66	3766542.00	0.04846c	(81103108)
366093.66	3766542.00	0.04601c	(81103108)	366113.66	3766542.00	0.04370c	(81103108)
366133.66	3766542.00	0.04181c	(81103108)	366153.66	3766542.00	0.04027c	(81103108)
366173.66	3766542.00	0.03897c	(81103108)	366193.66	3766542.00	0.03786c	(81110208)
366213.66	3766542.00	0.03719c	(81110208)	366233.66	3766542.00	0.03641c	(81110208)
366253.66	3766542.00	0.03557c	(81110208)	366273.66	3766542.00	0.03470c	(81110208)
366293.66	3766542.00	0.03385c	(81110208)	366313.66	3766542.00	0.03300c	(81110208)
366333.66	3766542.00	0.03217c	(81110208)	366353.66	3766542.00	0.03127c	(81110208)
366373.66	3766542.00	0.03015c	(81110208)	366393.66	3766542.00	0.02883c	(81110208)
366413.66	3766542.00	0.02756c	(81110208)	366433.66	3766542.00	0.02652c	(81110208)
366453.66	3766542.00	0.02567c	(81110208)	366473.66	3766542.00	0.02487c	(81110208)
366493.66	3766542.00	0.02402c	(81110208)	366473.66	3766562.00	0.00903	(81042908)
366473.66	3766562.00	0.01001c	(81112424)	366473.66	3766562.00	0.01118c	(81112424)
366473.66	3766562.00	0.01271c	(81121024)	366473.66	3766562.00	0.01498c	(81121024)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
364813.66	3766562.00	0.01604c	(81121024)	364833.66	3766562.00	0.01544c	(81121024)
364853.66	3766562.00	0.01353c	(81121024)	364873.66	3766562.00	0.01201c	(81020308)
364893.66	3766562.00	0.01177	(81030108)	364913.66	3766562.00	0.01227	(81030108)
364933.66	3766562.00	0.01280	(81030108)	364953.66	3766562.00	0.01337	(81030108)
364973.66	3766562.00	0.01397	(81030108)	364993.66	3766562.00	0.01461	(81030108)
365013.66	3766562.00	0.01530	(81030108)	365033.66	3766562.00	0.01603	(81030108)
365053.66	3766562.00	0.01681	(81030108)	365073.66	3766562.00	0.01764	(81030108)
365093.66	3766562.00	0.01851	(81030108)	365113.66	3766562.00	0.01944	(81030108)
365133.66	3766562.00	0.02043	(81030108)	365153.66	3766562.00	0.02146	(81030108)
365173.66	3766562.00	0.02255	(81030108)	365193.66	3766562.00	0.02369	(81030108)
365213.66	3766562.00	0.02488	(81030108)	365233.66	3766562.00	0.02612	(81030108)
365253.66	3766562.00	0.02744	(81030108)	365273.66	3766562.00	0.02884	(81030108)
365293.66	3766562.00	0.03034	(81030108)	365313.66	3766562.00	0.03197	(81030108)
365333.66	3766562.00	0.03376	(81030108)	365353.66	3766562.00	0.03572	(81030108)
365373.66	3766562.00	0.03787	(81030108)	365393.66	3766562.00	0.04025	(81030108)
365413.66	3766562.00	0.04286	(81030108)	365433.66	3766562.00	0.04623c	(81123108)
365453.66	3766562.00	0.05011c	(81123108)	365473.66	3766562.00	0.05527c	(81123108)
365493.66	3766562.00	0.06119c	(81123108)	365513.66	3766562.00	0.06818c	(81123108)
365533.66	3766562.00	0.07676c	(81123108)	365553.66	3766562.00	0.08777c	(81123108)
365573.66	3766562.00	0.10127c	(81123108)	365593.66	3766562.00	0.11367c	(81123108)
365613.66	3766562.00	0.12802	(81030408)	365633.66	3766562.00	0.14429	(81030408)
365653.66	3766562.00	0.16245	(81030408)	365673.66	3766562.00	0.18625	(81031524)
365693.66	3766562.00	0.22341	(81031524)	365713.66	3766562.00	0.25803	(81031524)
365733.66	3766562.00	0.27463c	(81031424)	365753.66	3766562.00	0.30083c	(81051924)
365773.66	3766562.00	0.24177c	(81010308)	365793.66	3766562.00	0.20389c	(81010308)
365813.66	3766562.00	0.18190c	(81122524)	365833.66	3766562.00	0.17164c	(81112524)
365853.66	3766562.00	0.18353c	(81101208)	365873.66	3766562.00	0.14720c	(81010624)
365893.66	3766562.00	0.21049c	(81110208)	365913.66	3766562.00	0.18100c	(81010624)
365933.66	3766562.00	0.13401c	(81110208)	365953.66	3766562.00	0.09469c	(81110208)
365973.66	3766562.00	0.08070c	(81113024)	365993.66	3766562.00	0.07252c	(81113024)
366013.66	3766562.00	0.07004	(81020808)	366033.66	3766562.00	0.06798	(81020808)
366053.66	3766562.00	0.06297	(81020808)	366073.66	3766562.00	0.05904c	(81113024)
366093.66	3766562.00	0.05516c	(81113024)	366113.66	3766562.00	0.05204c	(81103024)
366133.66	3766562.00	0.05031c	(81103024)	366153.66	3766562.00	0.04860c	(81103024)
366173.66	3766562.00	0.04693c	(81103024)	366193.66	3766562.00	0.04542c	(81110208)
366213.66	3766562.00	0.04400c	(81110208)	366233.66	3766562.00	0.04259c	(81110208)
366253.66	3766562.00	0.04123c	(81110208)	366273.66	3766562.00	0.03993c	(81110208)
366293.66	3766562.00	0.03870c	(81110208)	366313.66	3766562.00	0.03753c	(81110208)
366333.66	3766562.00	0.03639c	(81110208)	366353.66	3766562.00	0.03510c	(81110208)
366373.66	3766562.00	0.03350c	(81110208)	366393.66	3766562.00	0.03180c	(81110208)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366413.66	3766562.00	0.03034c	(81110208)	366433.66	3766562.00	0.02916c	(81110208)
366453.66	3766562.00	0.02808c	(81110208)	366473.66	3766562.00	0.02692c	(81110208)
366493.66	3766562.00	0.02565c	(81110208)	364713.66	3766582.00	0.00884	(81030108)
364733.66	3766582.00	0.00921c	(81112424)	364753.66	3766582.00	0.01024c	(81112424)
364773.66	3766582.00	0.01190c	(81121024)	364793.66	3766582.00	0.01371c	(81121024)
364813.66	3766582.00	0.01442c	(81121024)	364833.66	3766582.00	0.01374c	(81121024)
364853.66	3766582.00	0.01205c	(81121024)	364873.66	3766582.00	0.01175	(81030108)
364893.66	3766582.00	0.01220	(81030108)	364913.66	3766582.00	0.01269	(81030108)
364933.66	3766582.00	0.01320	(81030108)	364953.66	3766582.00	0.01373	(81030108)
364973.66	3766582.00	0.01430	(81030108)	364993.66	3766582.00	0.01489	(81030108)
365013.66	3766582.00	0.01551	(81030108)	365033.66	3766582.00	0.01616	(81030108)
365053.66	3766582.00	0.01684	(81030108)	365073.66	3766582.00	0.01755	(81030108)
365093.66	3766582.00	0.01829	(81030108)	365113.66	3766582.00	0.01905	(81030108)
365133.66	3766582.00	0.01985	(81030108)	365153.66	3766582.00	0.02067	(81030108)
365173.66	3766582.00	0.02151	(81030108)	365193.66	3766582.00	0.02239	(81030108)
365213.66	3766582.00	0.02330	(81030108)	365233.66	3766582.00	0.02425	(81030108)
365253.66	3766582.00	0.02526	(81030108)	365273.66	3766582.00	0.02631	(81030108)
365293.66	3766582.00	0.02743	(81030108)	365313.66	3766582.00	0.02862	(81030108)
365333.66	3766582.00	0.02987	(81030108)	365353.66	3766582.00	0.03118	(81030108)
365373.66	3766582.00	0.03255	(81030108)	365393.66	3766582.00	0.03550c	(81123108)
365413.66	3766582.00	0.03922c	(81123108)	365433.66	3766582.00	0.04195c	(81123108)
365453.66	3766582.00	0.04495c	(81123108)	365473.66	3766582.00	0.04842c	(81123108)
365493.66	3766582.00	0.05226c	(81123108)	365513.66	3766582.00	0.05673c	(81123108)
365533.66	3766582.00	0.06215c	(81123108)	365553.66	3766582.00	0.06868c	(81123108)
365573.66	3766582.00	0.07518c	(81123108)	365593.66	3766582.00	0.08181	(81030408)
365613.66	3766582.00	0.08928	(81030408)	365633.66	3766582.00	0.09631	(81030408)
365653.66	3766582.00	0.10612	(81021424)	365673.66	3766582.00	0.11672	(81021424)
365693.66	3766582.00	0.13044	(81031524)	365713.66	3766582.00	0.14742	(81031524)
365733.66	3766582.00	0.16364c	(81032924)	365753.66	3766582.00	0.18576c	(81090624)
365773.66	3766582.00	0.18826c	(81031424)	365793.66	3766582.00	0.20248c	(81010308)
365813.66	3766582.00	0.23248c	(81010308)	365833.66	3766582.00	0.26054c	(81010308)
365853.66	3766582.00	0.20920c	(81010308)	365873.66	3766582.00	0.21203c	(81010308)
365893.66	3766582.00	0.33762	(81030608)	365913.66	3766582.00	0.39785	(81032624)
365933.66	3766582.00	0.18899	(81032624)	365953.66	3766582.00	0.14905	(81032624)
365973.66	3766582.00	0.12803c	(81010624)	365993.66	3766582.00	0.10644	(81011208)
366013.66	3766582.00	0.10004	(81020808)	366033.66	3766582.00	0.09452	(81020808)
366053.66	3766582.00	0.08645c	(81101508)	366073.66	3766582.00	0.08057c	(81101508)
366093.66	3766582.00	0.07421c	(81122324)	366113.66	3766582.00	0.06956c	(81103024)
366133.66	3766582.00	0.06593c	(81103024)	366153.66	3766582.00	0.06253c	(81103024)
366173.66	3766582.00	0.05937c	(81103024)	366193.66	3766582.00	0.05645c	(81103024)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
366213.66	3766582.00	0.05378c	(81103024)	366233.66	3766582.00	0.05133c	(81103024)
366253.66	3766582.00	0.04916c	(81110208)	366273.66	3766582.00	0.04719c	(81110208)
366293.66	3766582.00	0.04537c	(81110208)	366313.66	3766582.00	0.04369c	(81110208)
366333.66	3766582.00	0.04204c	(81110208)	366353.66	3766582.00	0.04007c	(81110208)
366373.66	3766582.00	0.03776c	(81110208)	366393.66	3766582.00	0.03562c	(81110208)
366413.66	3766582.00	0.03390c	(81110208)	366433.66	3766582.00	0.03233c	(81110208)
366453.66	3766582.00	0.03067c	(81110208)	366473.66	3766582.00	0.02889c	(81110208)
366493.66	3766582.00	0.02712c	(81110208)	364713.66	3766602.00	0.00914	(81030108)
364733.66	3766602.00	0.00944	(81030108)	364753.66	3766602.00	0.00975	(81030108)
364773.66	3766602.00	0.01104c	(81121024)	364793.66	3766602.00	0.01248c	(81121024)
364813.66	3766602.00	0.01291c	(81121024)	364833.66	3766602.00	0.01221c	(81121024)
364853.66	3766602.00	0.01154	(81030108)	364873.66	3766602.00	0.01195	(81030108)
364893.66	3766602.00	0.01237	(81030108)	364913.66	3766602.00	0.01282	(81030108)
364933.66	3766602.00	0.01328	(81030108)	364953.66	3766602.00	0.01375	(81030108)
364973.66	3766602.00	0.01425	(81030108)	364993.66	3766602.00	0.01476	(81030108)
365013.66	3766602.00	0.01529	(81030108)	365033.66	3766602.00	0.01583	(81030108)
365053.66	3766602.00	0.01639	(81030108)	365073.66	3766602.00	0.01696	(81030108)
365093.66	3766602.00	0.01754	(81030108)	365113.66	3766602.00	0.01814	(81030108)
365133.66	3766602.00	0.01875	(81030108)	365153.66	3766602.00	0.01937	(81030108)
365173.66	3766602.00	0.02000	(81030108)	365193.66	3766602.00	0.02066	(81030108)
365213.66	3766602.00	0.02133	(81030108)	365233.66	3766602.00	0.02202	(81030108)
365253.66	3766602.00	0.02273	(81030108)	365273.66	3766602.00	0.02346	(81030108)
365293.66	3766602.00	0.02420	(81030108)	365313.66	3766602.00	0.02495	(81030108)
365333.66	3766602.00	0.02570	(81030108)	365353.66	3766602.00	0.02741c	(81123108)
365373.66	3766602.00	0.03031c	(81123108)	365393.66	3766602.00	0.03328c	(81123108)
365413.66	3766602.00	0.03549c	(81123108)	365433.66	3766602.00	0.03728c	(81123108)
365453.66	3766602.00	0.03932c	(81123108)	365473.66	3766602.00	0.04159c	(81123108)
365493.66	3766602.00	0.04414c	(81123108)	365513.66	3766602.00	0.04791	(81030408)
365533.66	3766602.00	0.05185	(81030408)	365553.66	3766602.00	0.05501	(81030408)
365573.66	3766602.00	0.05856	(81030408)	365593.66	3766602.00	0.06279	(81030408)
365613.66	3766602.00	0.06640	(81030408)	365633.66	3766602.00	0.06934	(81030408)
365653.66	3766602.00	0.07554	(81021424)	365673.66	3766602.00	0.08162	(81021424)
365693.66	3766602.00	0.08609	(81021424)	365713.66	3766602.00	0.09529	(81031524)
365733.66	3766602.00	0.10644c	(81032924)	365753.66	3766602.00	0.11542c	(81032924)
365773.66	3766602.00	0.12041c	(81090624)	365793.66	3766602.00	0.12003c	(81090624)
365813.66	3766602.00	0.12766c	(81031424)	365833.66	3766602.00	0.13616c	(81031424)
365853.66	3766602.00	0.15073c	(81031424)	365873.66	3766602.00	0.16131c	(81031424)
365893.66	3766602.00	0.17729c	(81010308)	365913.66	3766602.00	0.20904c	(81010308)
365933.66	3766602.00	0.19267c	(81051924)	365953.66	3766602.00	0.16877c	(81122524)
365973.66	3766602.00	0.15321c	(81082008)	365993.66	3766602.00	0.13954c	(81082008)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)

366013.66	3766602.00	0.15798c	(81021108)	Coop.POU.txt	366033.66	3766602.00	0.17386	(81011208)
366053.66	3766602.00	0.15442c	(81101508)	366073.66	3766602.00	0.13257c	(81101508)	
366093.66	3766602.00	0.11510c	(81101508)	366113.66	3766602.00	0.10344c	(81103024)	
366133.66	3766602.00	0.09407c	(81103024)	366153.66	3766602.00	0.08618c	(81103024)	
366173.66	3766602.00	0.07959c	(81110208)	366193.66	3766602.00	0.07400c	(81110208)	
366213.66	3766602.00	0.06918c	(81110208)	366233.66	3766602.00	0.06497c	(81110208)	
366253.66	3766602.00	0.06129c	(81110208)	366273.66	3766602.00	0.05804c	(81110208)	
366293.66	3766602.00	0.05514c	(81110208)	366313.66	3766602.00	0.05252c	(81110208)	
366333.66	3766602.00	0.04988c	(81110208)	366353.66	3766602.00	0.04670c	(81110208)	
366373.66	3766602.00	0.04342c	(81110208)	366393.66	3766602.00	0.04069c	(81110208)	
366413.66	3766602.00	0.03825c	(81110208)	366433.66	3766602.00	0.03573c	(81110208)	
366453.66	3766602.00	0.03314c	(81110208)	366473.66	3766602.00	0.03068c	(81110208)	
366493.66	3766602.00	0.02853c	(81110208)	364713.66	3766622.00	0.00932	(81030108)	
364733.66	3766622.00	0.00961	(81030108)	364753.66	3766622.00	0.00990	(81030108)	
364773.66	3766622.00	0.01021	(81030108)	364793.66	3766622.00	0.01131c	(81121024)	
364813.66	3766622.00	0.01155c	(81121024)	364833.66	3766622.00	0.01119	(81030108)	
364853.66	3766622.00	0.01154	(81030108)	364873.66	3766622.00	0.01191	(81030108)	
364893.66	3766622.00	0.01228	(81030108)	364913.66	3766622.00	0.01266	(81030108)	
364933.66	3766622.00	0.01305	(81030108)	364953.66	3766622.00	0.01345	(81030108)	
364973.66	3766622.00	0.01386	(81030108)	364993.66	3766622.00	0.01428	(81030108)	
365013.66	3766622.00	0.01470	(81030108)	365033.66	3766622.00	0.01512	(81030108)	
365053.66	3766622.00	0.01556	(81030108)	365073.66	3766622.00	0.01599	(81030108)	
365093.66	3766622.00	0.01643	(81030108)	365113.66	3766622.00	0.01687	(81030108)	
365133.66	3766622.00	0.01732	(81030108)	365153.66	3766622.00	0.01777	(81030108)	
365173.66	3766622.00	0.01822	(81030108)	365193.66	3766622.00	0.01867	(81030108)	
365213.66	3766622.00	0.01912	(81030108)	365233.66	3766622.00	0.01958	(81030108)	
365253.66	3766622.00	0.02002	(81030108)	365273.66	3766622.00	0.02046	(81030108)	
365293.66	3766622.00	0.02089	(81030108)	365313.66	3766622.00	0.02231c	(81123108)	
365333.66	3766622.00	0.02405c	(81123108)	365353.66	3766622.00	0.02608c	(81123108)	
365373.66	3766622.00	0.02830c	(81123108)	365393.66	3766622.00	0.03015c	(81123108)	
365413.66	3766622.00	0.03142c	(81123108)	365433.66	3766622.00	0.03263c	(81123108)	
365453.66	3766622.00	0.03404c	(81123108)	365473.66	3766622.00	0.03560c	(81123108)	
365493.66	3766622.00	0.03835	(81030408)	365513.66	3766622.00	0.04121	(81030408)	
365533.66	3766622.00	0.04332	(81030408)	365553.66	3766622.00	0.04512	(81030408)	
365573.66	3766622.00	0.04741	(81030408)	365593.66	3766622.00	0.04983	(81030408)	
365613.66	3766622.00	0.05155	(81030408)	365633.66	3766622.00	0.05327c	(81112424)	
365653.66	3766622.00	0.05682	(81021424)	365673.66	3766622.00	0.06177	(81021424)	
365693.66	3766622.00	0.06549	(81021424)	365713.66	3766622.00	0.06806c	(81050224)	
365733.66	3766622.00	0.07688c	(81050224)	365753.66	3766622.00	0.08368c	(81050224)	
365773.66	3766622.00	0.08555c	(81050224)	365793.66	3766622.00	0.08725c	(81090624)	

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

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365813.66	3766622.00	0.08743c	(81090624)	365833.66	3766622.00	0.09324c	(81081508)
365853.66	3766622.00	0.09829c	(81081508)	365873.66	3766622.00	0.10160c	(81081508)
365893.66	3766622.00	0.10806c	(81010308)	365913.66	3766622.00	0.11942c	(81010308)
365933.66	3766622.00	0.14592c	(81010308)	365953.66	3766622.00	0.15763c	(81010308)
365973.66	3766622.00	0.17216c	(81010308)	365993.66	3766622.00	0.19378c	(81010308)
366013.66	3766622.00	0.18218c	(81010308)	366033.66	3766622.00	0.16890c	(81012908)
366053.66	3766622.00	0.16476	(81030608)	366073.66	3766622.00	0.18342c	(81050908)
366093.66	3766622.00	0.17383c	(81050908)	366113.66	3766622.00	0.18878c	(81113024)
366133.66	3766622.00	0.16200c	(81110208)	366153.66	3766622.00	0.13879c	(81110208)
366173.66	3766622.00	0.12135c	(81110208)	366193.66	3766622.00	0.10785c	(81110208)
366213.66	3766622.00	0.09720c	(81110208)	366233.66	3766622.00	0.08858c	(81110208)
366253.66	3766622.00	0.08149c	(81110208)	366273.66	3766622.00	0.07550c	(81110208)
366293.66	3766622.00	0.07039c	(81110208)	366313.66	3766622.00	0.06590c	(81110208)
366333.66	3766622.00	0.06124c	(81110208)	366353.66	3766622.00	0.05594c	(81110208)
366373.66	3766622.00	0.05120c	(81110208)	366393.66	3766622.00	0.04703c	(81110208)
366413.66	3766622.00	0.04291c	(81110208)	366433.66	3766622.00	0.03897c	(81110208)
366453.66	3766622.00	0.03550c	(81110208)	366473.66	3766622.00	0.03263c	(81110208)
366493.66	3766622.00	0.03039c	(81110208)	364713.66	3766642.00	0.00936	(81030108)
364733.66	3766642.00	0.00962	(81030108)	364753.66	3766642.00	0.00989	(81030108)
364773.66	3766642.00	0.01017	(81030108)	364793.66	3766642.00	0.01045	(81030108)
364813.66	3766642.00	0.01073	(81030108)	364833.66	3766642.00	0.01103	(81030108)
364853.66	3766642.00	0.01133	(81030108)	364873.66	3766642.00	0.01163	(81030108)
364893.66	3766642.00	0.01194	(81030108)	364913.66	3766642.00	0.01225	(81030108)
364933.66	3766642.00	0.01257	(81030108)	364953.66	3766642.00	0.01288	(81030108)
364973.66	3766642.00	0.01320	(81030108)	364993.66	3766642.00	0.01352	(81030108)
365013.66	3766642.00	0.01384	(81030108)	365033.66	3766642.00	0.01416	(81030108)
365053.66	3766642.00	0.01447	(81030108)	365073.66	3766642.00	0.01479	(81030108)
365093.66	3766642.00	0.01510	(81030108)	365113.66	3766642.00	0.01540	(81030108)
365133.66	3766642.00	0.01571	(81030108)	365153.66	3766642.00	0.01601	(81030108)
365173.66	3766642.00	0.01630	(81030108)	365193.66	3766642.00	0.01658	(81030108)
365213.66	3766642.00	0.01686	(81030108)	365233.66	3766642.00	0.01712	(81030108)
365253.66	3766642.00	0.01759c	(81123108)	365273.66	3766642.00	0.01875c	(81123108)
365293.66	3766642.00	0.01994c	(81123108)	365313.66	3766642.00	0.02120c	(81123108)
365333.66	3766642.00	0.02262c	(81123108)	365353.66	3766642.00	0.02424c	(81123108)
365373.66	3766642.00	0.02574c	(81123108)	365393.66	3766642.00	0.02682c	(81123108)
365413.66	3766642.00	0.02765c	(81123108)	365433.66	3766642.00	0.02855c	(81123108)
365453.66	3766642.00	0.02960	(81030408)	365473.66	3766642.00	0.03163	(81030408)
365493.66	3766642.00	0.03361	(81030408)	365513.66	3766642.00	0.03523	(81030408)
365533.66	3766642.00	0.03644	(81030408)	365553.66	3766642.00	0.03768	(81030408)
365573.66	3766642.00	0.03925	(81030408)	365593.66	3766642.00	0.04063	(81030408)

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

INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
365613.66	3766642.00	0.04265c	(81112424)	365633.66	3766642.00	0.04305c	(81112424)
365653.66	3766642.00	0.04549	(81021424)	365673.66	3766642.00	0.04954	(81021424)
365693.66	3766642.00	0.05261	(81021424)	365713.66	3766642.00	0.05390	(81021424)
365733.66	3766642.00	0.05858c	(81050224)	365753.66	3766642.00	0.06443c	(81050224)
365773.66	3766642.00	0.06742c	(81050224)	365793.66	3766642.00	0.06698c	(81050224)
365813.66	3766642.00	0.06774c	(81090624)	365833.66	3766642.00	0.06826c	(81090624)

Coop.POU.txt
365853.66 3766642.00 0.07178c (81081508) 365873.66 3766642.00 0.07434c (81081508)
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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,
*** 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)
...
1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF CO IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
...
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365693.66	3766682.00	0.03641	(81021424)	Coop.POU.txt	365713.66	3766682.00	0.03703	(81021424)
365733.66	3766682.00	0.03661c	(81050224)		365753.66	3766682.00	0.04125c	(81050224)
365773.66	3766682.00	0.04469c	(81050224)		365793.66	3766682.00	0.04666c	(81050224)
365813.66	3766682.00	0.04715c	(81050224)		365833.66	3766682.00	0.04601c	(81032924)
365853.66	3766682.00	0.04615c	(81090624)		365873.66	3766682.00	0.04676c	(81090624)
365893.66	3766682.00	0.04689c	(81090624)		365913.66	3766682.00	0.04906c	(81081508)
365933.66	3766682.00	0.04966c	(81081508)		365953.66	3766682.00	0.04984	(81031224)
365973.66	3766682.00	0.05587c	(81123108)		365993.66	3766682.00	0.06255c	(81123108)
366013.66	3766682.00	0.06815c	(81123108)		366033.66	3766682.00	0.07445	(81030408)
366053.66	3766682.00	0.08242	(81030408)		366073.66	3766682.00	0.09128	(81030408)
366093.66	3766682.00	0.10200	(81030408)		366113.66	3766682.00	0.11509c	(81082508)
366133.66	3766682.00	0.13429c	(81082508)		366153.66	3766682.00	0.16324c	(81010308)
366173.66	3766682.00	0.19536c	(81010308)		366193.66	3766682.00	0.22101c	(81010308)
366213.66	3766682.00	0.21599c	(81010308)		366233.66	3766682.00	0.20993c	(81010308)
366253.66	3766682.00	0.19836c	(81122524)		366273.66	3766682.00	0.18076c	(81122524)
366293.66	3766682.00	0.16713	(81032624)		366313.66	3766682.00	0.17079c	(81010624)
366333.66	3766682.00	0.15254	(81032624)		366353.66	3766682.00	0.12888c	(81010624)
366373.66	3766682.00	0.10501c	(81010624)		366393.66	3766682.00	0.08895c	(81010624)
366413.66	3766682.00	0.07751c	(81010624)		366433.66	3766682.00	0.06837c	(81010624)
366453.66	3766682.00	0.06109c	(81010624)		366473.66	3766682.00	0.05584c	(81010624)
366493.66	3766682.00	0.05287c	(81010624)		364713.66	3766702.00	0.00869	(81030108)
364733.66	3766702.00	0.00884	(81030108)		364753.66	3766702.00	0.00899	(81030108)
364773.66	3766702.00	0.00913	(81030108)		364793.66	3766702.00	0.00927	(81030108)
364813.66	3766702.00	0.00941	(81030108)		364833.66	3766702.00	0.00955	(81030108)
364853.66	3766702.00	0.00969	(81030108)		364873.66	3766702.00	0.00981	(81030108)
364893.66	3766702.00	0.00994	(81030108)		364913.66	3766702.00	0.01006	(81030108)
364933.66	3766702.00	0.01017	(81030108)		364953.66	3766702.00	0.01028	(81030108)
364973.66	3766702.00	0.01039	(81030108)		364993.66	3766702.00	0.01048	(81030108)

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***MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365013.66	3766702.00	0.01057	(81030108)
365053.66	3766702.00	0.01074	(81030108)
365093.66	3766702.00	0.01109c	(81123108)
365133.66	3766702.00	0.01196c	(81123108)
365173.66	3766702.00	0.01296c	(81123108)
365213.66	3766702.00	0.01402c	(81123108)
365253.66	3766702.00	0.01503c	(81123108)
365293.66	3766702.00	0.01625c	(81123108)
365333.66	3766702.00	0.01781c	(81123108)
365373.66	3766702.00	0.01901c	(81123108)
365413.66	3766702.00	0.01996c	(81123108)
365453.66	3766702.00	0.02176	(81030408)
365493.66	3766702.00	0.02262c	(81123108)
365533.66	3766702.00	0.02369c	(81123108)
365573.66	3766702.00	0.02410c	(81112424)
365613.66	3766702.00	0.02649	(81021424)
365653.66	3766702.00	0.02846	(81021424)
365693.66	3766702.00	0.03069	(81021424)
365733.66	3766702.00	0.03062	(81021424)
365773.66	3766702.00	0.03706c	(81050224)
365813.66	3766702.00	0.04063c	(81050224)
365853.66	3766702.00	0.03993c	(81032924)
365893.66	3766702.00	0.04025c	(81090624)
365933.66	3766702.00	0.04164c	(81102724)
365973.66	3766702.00	0.04561c	(81123108)
366013.66	3766702.00	0.05219c	(81123108)
366053.66	3766702.00	0.05913	(81030408)
366093.66	3766702.00	0.06887	(81030408)
366133.66	3766702.00	0.08377	(81031524)
366173.66	3766702.00	0.10591c	(81082508)
366213.66	3766702.00	0.13995c	(81082508)
366253.66	3766702.00	0.18906c	(81051924)
366293.66	3766702.00	0.19598c	(81051924)
366333.66	3766702.00	0.17426c	(81122524)
366373.66	3766702.00	0.12475	(81032624)
366413.66	3766702.00	0.11414c	(81010624)
366453.66	3766702.00	0.08975c	(81010624)
366493.66	3766702.00	0.07502c	(81010624)
364733.66	3766722.00	0.00836	(81030108)
364773.66	3766722.00	0.00858	(81030108)

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***MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456, L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468, L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN MICROGRAMS/M**3 **			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364813.66	3766722.00	0.00878	(81030108)
364853.66	3766722.00	0.00896	(81030108)
364893.66	3766722.00	0.00913	(81030108)
364933.66	3766722.00	0.00927	(81030108)
364973.66	3766722.00	0.00940	(81030108)
365013.66	3766722.00	0.00974c	(81112908)
365053.66	3766722.00	0.01012c	(81123108)
365093.66	3766722.00	0.01080c	(81123108)
365133.66	3766722.00	0.01156c	(81123108)
365173.66	3766722.00	0.01240c	(81123108)
365213.66	3766722.00	0.01321c	(81123108)
365253.66	3766722.00	0.01404c	(81123108)
365293.66	3766722.00	0.01520c	(81123108)
365333.66	3766722.00	0.01655c	(81123108)
365373.66	3766722.00	0.01754c	(81123108)
365413.66	3766722.00	0.01844	(81030408)
365453.66	3766722.00	0.01954	(81030408)
365493.66	3766722.00	0.02077c	(81123108)
364833.66	3766722.00	0.00887	(81030108)
364873.66	3766722.00	0.00905	(81030108)
364913.66	3766722.00	0.00920	(81030108)
364953.66	3766722.00	0.00934	(81030108)
364993.66	3766722.00	0.00951c	(81051624)
365033.66	3766722.00	0.00991c	(81112908)
365073.66	3766722.00	0.01045c	(81123108)
365113.66	3766722.00	0.01117c	(81123108)
365153.66	3766722.00	0.01198c	(81123108)
365193.66	3766722.00	0.01281c	(81123108)
365233.66	3766722.00	0.01360c	(81123108)
365273.66	3766722.00	0.01456c	(81123108)
365313.66	3766722.00	0.01589c	(81123108)
365353.66	3766722.00	0.01709c	(81123108)
365393.66	3766722.00	0.01797c	(81123108)
365433.66	3766722.00	0.01917	(81030408)
365473.66	3766722.00	0.02016c	(81123108)
365513.66	3766722.00	0.02119c	(81123108)

Coop.POU.txt
365533.66 3766722.00 0.02136c (81123108) 365533.66 3766722.00 0.02132c (81123108)
365573.66 3766722.00 0.02118c (81123108) 365593.66 3766722.00 0.02210 (81021424)
365613.66 3766722.00 0.02358 (81021424) 365633.66 3766722.00 0.02435 (81021424)
365653.66 3766722.00 0.02485 (81021424) 365673.66 3766722.00 0.02549 (81021424)
365693.66 3766722.00 0.02620 (81021424) 365713.66 3766722.00 0.02655 (81021424)
365733.66 3766722.00 0.02663 (81021424) 365753.66 3766722.00 0.02796c (81050224)
365773.66 3766722.00 0.03100c (81050224) 365793.66 3766722.00 0.03336c (81050224)
365813.66 3766722.00 0.03502c (81050224) 365833.66 3766722.00 0.03587c (81050224)
365853.66 3766722.00 0.03572c (81050224) 365873.66 3766722.00 0.03536c (81032924)
365893.66 3766722.00 0.03503c (81032924) 365913.66 3766722.00 0.03523c (81090624)
365933.66 3766722.00 0.03543c (81090624) 365953.66 3766722.00 0.03653c (81102724)
365973.66 3766722.00 0.03807c (81123108) 365993.66 3766722.00 0.04010c (81123108)
366013.66 3766722.00 0.04187c (81123108) 366033.66 3766722.00 0.04373c (81123108)
366053.66 3766722.00 0.04577c (81030324) 366073.66 3766722.00 0.04847 (81030408)
366093.66 3766722.00 0.05267 (81021424) 366113.66 3766722.00 0.05668 (81021424)
366133.66 3766722.00 0.06068 (81021424) 366153.66 3766722.00 0.06610 (81031524)
366173.66 3766722.00 0.07258 (81031524) 366193.66 3766722.00 0.07962 (81031524)
366213.66 3766722.00 0.08761 (81031524) 366233.66 3766722.00 0.09763c (81082508)
366253.66 3766722.00 0.10975c (81082508) 366273.66 3766722.00 0.12323c (81082508)
366293.66 3766722.00 0.14085c (81031424) 366313.66 3766722.00 0.16386c (81051924)
366333.66 3766722.00 0.15693c (81051924) 366353.66 3766722.00 0.13151c (81010308)
366373.66 3766722.00 0.12883c (81010308) 366393.66 3766722.00 0.12027c (81010308)
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*** MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 177

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
366413.66 3766722.00 0.10209c (81112524) 366433.66 3766722.00 0.09683c (81082008)
366453.66 3766722.00 0.12203c (81010624) 366473.66 3766722.00 0.10452c (81010624)
366493.66 3766722.00 0.09173 (81032624) 364713.66 3766742.00 0.00776 (81030108)
364733.66 3766742.00 0.00784 (81030108) 364753.66 3766742.00 0.00791 (81030108)
364773.66 3766742.00 0.00798 (81030108) 364793.66 3766742.00 0.00805 (81030108)
364813.66 3766742.00 0.00811 (81030108) 364833.66 3766742.00 0.00817 (81030108)
364853.66 3766742.00 0.00838c (81112908) 364873.66 3766742.00 0.00878c (81112908)
364893.66 3766742.00 0.00888c (81112908) 364913.66 3766742.00 0.00877c (81112908)
364933.66 3766742.00 0.00876c (81051624) 364953.66 3766742.00 0.00894c (81051624)
364973.66 3766742.00 0.00909c (81051624) 364993.66 3766742.00 0.00920c (81112908)
365013.66 3766742.00 0.00951c (81112908) 365033.66 3766742.00 0.00963c (81112908)
365053.66 3766742.00 0.00984c (81123108) 365073.66 3766742.00 0.01013c (81123108)
365093.66 3766742.00 0.01043c (81123108) 365113.66 3766742.00 0.01076c (81123108)
365133.66 3766742.00 0.01110c (81123108) 365153.66 3766742.00 0.01144c (81123108)
365173.66 3766742.00 0.01177c (81123108) 365193.66 3766742.00 0.01209c (81123108)
365213.66 3766742.00 0.01241c (81123108) 365233.66 3766742.00 0.01276c (81123108)
365253.66 3766742.00 0.01319c (81123108) 365273.66 3766742.00 0.01373c (81123108)
365293.66 3766742.00 0.01434c (81123108) 365313.66 3766742.00 0.01497c (81123108)
365333.66 3766742.00 0.01552c (81123108) 365353.66 3766742.00 0.01598c (81123108)
365373.66 3766742.00 0.01638c (81123108) 365393.66 3766742.00 0.01677c (81123108)
365413.66 3766742.00 0.01720c (81123108) 365433.66 3766742.00 0.01768c (81123108)
365453.66 3766742.00 0.01822c (81123108) 365473.66 3766742.00 0.01875c (81123108)
365493.66 3766742.00 0.01918c (81123108) 365513.66 3766742.00 0.01941c (81123108)
365533.66 3766742.00 0.01947c (81123108) 365553.66 3766742.00 0.01941c (81123108)
365573.66 3766742.00 0.01932c (81123108) 365593.66 3766742.00 0.01973 (81021424)
365613.66 3766742.00 0.02095 (81021424) 365633.66 3766742.00 0.02154 (81021424)
365653.66 3766742.00 0.02189 (81021424) 365673.66 3766742.00 0.02234 (81021424)
365693.66 3766742.00 0.02288 (81021424) 365713.66 3766742.00 0.02333 (81021424)
365733.66 3766742.00 0.02380 (81021424) 365753.66 3766742.00 0.02460 (81021424)
365773.66 3766742.00 0.02614c (81050224) 365793.66 3766742.00 0.02843c (81050224)
365813.66 3766742.00 0.03023c (81050224) 365833.66 3766742.00 0.03149c (81050224)
365853.66 3766742.00 0.03204c (81050224) 365873.66 3766742.00 0.03180c (81050224)
365893.66 3766742.00 0.03170c (81032924) 365913.66 3766742.00 0.03145c (81032924)
365933.66 3766742.00 0.03126c (81090624) 365953.66 3766742.00 0.03167c (81090624)
365973.66 3766742.00 0.03230c (81102724) 365993.66 3766742.00 0.03340 (81031524)
366013.66 3766742.00 0.03441 (81031524) 366033.66 3766742.00 0.03604c (81030324)
366053.66 3766742.00 0.03866c (81030324) 366073.66 3766742.00 0.04045c (81030324)
366093.66 3766742.00 0.04240 (81021424) 366113.66 3766742.00 0.04544 (81021424)
366133.66 3766742.00 0.04813 (81021424) 366153.66 3766742.00 0.05076 (81021424)
366173.66 3766742.00 0.05473 (81031524) 366193.66 3766742.00 0.05913 (81031524)
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*** MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 178

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
366213.66 3766742.00 0.06358 (81031524) 366233.66 3766742.00 0.06843c (81082508)
366253.66 3766742.00 0.07351c (81082508) 366273.66 3766742.00 0.07699c (81031424)
366293.66 3766742.00 0.08504c (81031424) 366313.66 3766742.00 0.09350c (81051924)
366333.66 3766742.00 0.10059c (81051924) 366353.66 3766742.00 0.10198c (81051924)
366373.66 3766742.00 0.10504c (81031424) 366393.66 3766742.00 0.10872c (81031424)
366413.66 3766742.00 0.11404c (81031424) 366433.66 3766742.00 0.11347c (81011624)
366453.66 3766742.00 0.10842c (81051924) 366473.66 3766742.00 0.10345c (81020424)
366493.66 3766742.00 0.09535c (81122108) 366488.66 3766742.00 0.03070 (81030608)
364738.66 3766717.00 0.04612 (81030608) 364788.66 3766717.00 0.06865 (81011208)
364838.66 3766717.00 0.08314 (81020808) 364888.66 3766717.00 0.13556 (81122224)
364938.66 3766717.00 0.09161c (81100508) 364988.66 3766717.00 0.04695c (81050908)
365038.66 3766717.00 0.03690c (81110208) 365088.66 3766717.00 0.02450c (81110208)
365138.66 3766717.00 0.01633c (81101608) 365188.66 3766717.00 0.01371c (81061808)
365238.66 3766717.00 0.01390c (81110208) 365288.66 3766717.00 0.01352c (81110208)
365338.66 3766717.00 0.01098 (81022808) 365388.66 3766717.00 0.01051 (81022808)
365438.66 3766717.00 0.01018 (81022808) 365488.66 3766717.00 0.00975 (81022808)
365538.66 3766717.00 0.00989c (81113024) 365588.66 3766717.00 0.01067c (81113024)
365638.66 3766717.00 0.01164c (81103108) 365688.66 3766717.00 0.01232c (81103108)
365738.66 3766717.00 0.01233c (81103108) 365788.66 3766717.00 0.01227 (81122224)
365838.66 3766717.00 0.01208 (81122224) 365888.66 3766717.00 0.01132 (81122224)
365938.66 3766717.00 0.01109c (81103124) 365988.66 3766717.00 0.01093c (81103124)
366038.66 3766717.00 0.01051c (81103124) 366088.66 3766717.00 0.00994c (81103124)
366138.66 3766717.00 0.00924c (81103124) 366188.66 3766717.00 0.00942c (81101724)
366238.66 3766717.00 0.00954c (81101724) 366288.66 3766717.00 0.00929c (81101724)

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Coop.POU.txt
366338.66 3766117.00 0.00903c (81110208) 366388.66 3766117.00 0.00924c (81110208)
366438.66 3766117.00 0.00921c (81110208) 366488.66 3766117.00 0.00901c (81110208)
366538.66 3766117.00 0.00868c (81110208) 366488.66 3766167.00 0.04389c (81102908)
366538.66 3766167.00 0.00893c (81110208) 366488.66 3766217.00 0.05033c (81030108)
366538.66 3766217.00 0.00915c (81103024) 366488.66 3766267.00 0.03874c (81123108)
366538.66 3766267.00 0.01017c (81103024) 366488.66 3766317.00 0.03444c (81083108)
366538.66 3766317.00 0.01108c (81103024) 366488.66 3766367.00 0.02540c (81030408)
366538.66 3766367.00 0.01252c (81110208) 366488.66 3766417.00 0.01620c (81102108)
366538.66 3766417.00 0.01489c (81110208) 366488.66 3766467.00 0.01204c (81021724)
366538.66 3766467.00 0.01761c (81110208) 366488.66 3766517.00 0.01117c (81021724)
366538.66 3766517.00 0.02053c (81110208) 366488.66 3766567.00 0.00885c (81021724)
366538.66 3766567.00 0.02295c (81110208) 366488.66 3766617.00 0.00895c (81030108)
366538.66 3766617.00 0.02574c (81110208) 366488.66 3766667.00 0.00895c (81030108)
366538.66 3766667.00 0.03532c (81010624) 366488.66 3766717.00 0.00821c (81030108)
366538.66 3766717.00 0.05760c (81032624) 366488.66 3766767.00 0.00745c (81123108)
3664738.66 3766767.00 0.00767c (81123108) 364788.66 3766767.00 0.00748c (81123108)
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF CO IN MICROGRAMS/M**3 **							
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364838.66	3766767.00	0.00778c	(81112908)	364888.66	3766767.00	0.00868c	(81112908)
364938.66	3766767.00	0.00848c	(81112908)	364988.66	3766767.00	0.00884c	(81112908)
365038.66	3766767.00	0.00925c	(81032324)	365088.66	3766767.00	0.00987c	(81123108)
365138.66	3766767.00	0.01053c	(81123108)	365188.66	3766767.00	0.01118c	(81123108)
365238.66	3766767.00	0.01203c	(81123108)	365288.66	3766767.00	0.01337c	(81123108)
365338.66	3766767.00	0.01460c	(81123108)	365388.66	3766767.00	0.01549c	(81123108)
365438.66	3766767.00	0.01652c	(81123108)	365488.66	3766767.00	0.01743c	(81123108)
365538.66	3766767.00	0.01761c	(81123108)	365588.66	3766767.00	0.01753c	(81123108)
365638.66	3766767.00	0.01879c	(81021424)	365688.66	3766767.00	0.01990c	(81021424)
365738.66	3766767.00	0.02142c	(81021424)	365788.66	3766767.00	0.02392c	(81021424)
365838.66	3766767.00	0.02702c	(81050224)	365888.66	3766767.00	0.02813c	(81050224)
365938.66	3766767.00	0.02804c	(81032924)	365988.66	3766767.00	0.03006c	(81031524)
366038.66	3766767.00	0.03095c	(81031524)	366088.66	3766767.00	0.03430c	(81030324)
366138.66	3766767.00	0.03805c	(81021424)	366188.66	3766767.00	0.04330c	(81031524)
366238.66	3766767.00	0.04944c	(81082508)	366288.66	3766767.00	0.05589c	(81090624)
366338.66	3766767.00	0.06499c	(81051924)	366388.66	3766767.00	0.07040c	(81031424)
366438.66	3766767.00	0.07446c	(81031424)	366488.66	3766767.00	0.08307c	(81051924)
366538.66	3766767.00	0.05149c	(81020424)	366563.66	3766092.00	0.02647c	(81030608)
364713.66	3766092.00	0.03494c	(81030608)	364763.66	3766092.00	0.04880c	(81011208)
364813.66	3766092.00	0.03560c	(81020808)	364863.66	3766092.00	0.05859c	(81121908)
364913.66	3766092.00	0.07841c	(81122224)	364963.66	3766092.00	0.05981c	(81100508)
365013.66	3766092.00	0.03715c	(81122324)	365063.66	3766092.00	0.02845c	(81110208)
365113.66	3766092.00	0.02257c	(81110208)	365163.66	3766092.00	0.01557c	(81122624)
365213.66	3766092.00	0.01347c	(81011208)	365263.66	3766092.00	0.01245c	(81011208)
365313.66	3766092.00	0.01224c	(81110208)	365363.66	3766092.00	0.01040c	(81110208)
365413.66	3766092.00	0.00928c	(81022808)	365463.66	3766092.00	0.00925c	(81022808)
365513.66	3766092.00	0.00933c	(81122708)	365563.66	3766092.00	0.00931c	(81122708)
365613.66	3766092.00	0.01031c	(81103108)	365663.66	3766092.00	0.01135c	(81103108)
365713.66	3766092.00	0.01174c	(81103108)	365763.66	3766092.00	0.01160c	(81103108)
365813.66	3766092.00	0.01148c	(81122224)	365863.66	3766092.00	0.01119c	(81122224)
365913.66	3766092.00	0.01047c	(81103008)	365963.66	3766092.00	0.01034c	(81103124)
366013.66	3766092.00	0.01029c	(81103124)	366063.66	3766092.00	0.00998c	(81103124)
366113.66	3766092.00	0.00944c	(81103124)	366163.66	3766092.00	0.00877c	(81103124)
366213.66	3766092.00	0.00885c	(81101724)	366263.66	3766092.00	0.00891c	(81101724)
366313.66	3766092.00	0.00868c	(81101724)	366363.66	3766092.00	0.00849c	(81110208)
366413.66	3766092.00	0.00873c	(81110208)	366463.66	3766092.00	0.00875c	(81110208)
366513.66	3766092.00	0.00861c	(81110208)	366563.66	3766092.00	0.00832c	(81110208)
364663.66	3766142.00	0.02931c	(81012908)	366563.66	3766142.00	0.00858c	(81110208)
364663.66	3766192.00	0.03934c	(81012908)	366563.66	3766192.00	0.00875c	(81110208)
364663.66	3766242.00	0.04375c	(81030108)	366563.66	3766242.00	0.00948c	(81103024)

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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF CO IN MICROGRAMS/M**3 **							
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364663.66	3766292.00	0.02949c	(81123108)	366563.66	3766292.00	0.01035c	(81103024)
364663.66	3766342.00	0.02833c	(81083108)	366563.66	3766342.00	0.01142c	(81110208)
364663.66	3766392.00	0.02107c	(81030408)	366563.66	3766392.00	0.01350c	(81110208)
364663.66	3766442.00	0.01408c	(81060508)	366563.66	3766442.00	0.01592c	(81110208)
364663.66	3766492.00	0.01027c	(81011308)	366563.66	3766492.00	0.01845c	(81110208)
364663.66	3766542.00	0.00914c	(81021724)	366563.66	3766542.00	0.02045c	(81110208)
364663.66	3766592.00	0.00832c	(81030108)	366563.66	3766592.00	0.02190c	(81110208)
364663.66	3766642.00	0.00875c	(81030108)	366563.66	3766642.00	0.02669c	(81032624)
364663.66	3766692.00	0.00845c	(81030108)	366563.66	3766692.00	0.03798c	(81032624)
364663.66	3766742.00	0.00755c	(81030108)	366563.66	3766742.00	0.04645c	(81010624)
364663.66	3766792.00	0.00737c	(81123108)	364713.66	3766792.00	0.00760c	(81123108)
364763.66	3766792.00	0.00744c	(81123108)	364813.66	3766792.00	0.00727c	(81123108)
364863.66	3766792.00	0.00817c	(81112908)	364913.66	3766792.00	0.00836c	(81112908)
364963.66	3766792.00	0.00828c	(81112908)	365013.66	3766792.00	0.00866c	(81112908)
365063.66	3766792.00	0.00908c	(81123108)	365113.66	3766792.00	0.00963c	(81123108)
365163.66	3766792.00	0.01018c	(81123108)	365213.66	3766792.00	0.01091c	(81123108)
365263.66	3766792.00	0.01208c	(81123108)	365313.66	3766792.00	0.01328c	(81123108)
365363.66	3766792.00	0.01412c	(81123108)	365413.66	3766792.00	0.01494c	(81123108)
365463.66	3766792.00	0.01577c	(81123108)	365513.66	3766792.00	0.01612c	(81123108)
365563.66	3766792.00	0.01613c	(81123108)	365613.66	3766792.00	0.01599c	(81112424)
365663.66	3766792.00	0.01737c	(81021424)	365713.66	3766792.00	0.01854c	(81021424)
365763.66	3766792.00	0.02056c	(81021424)	365813.66	3766792.00	0.02227c	(81021424)
365863.66	3766792.00	0.02441c	(81050224)	365913.66	3766792.00	0.02507c	(81050224)
365963.66	3766792.00	0.02589c	(81031524)	366013.66	3766792.00	0.02780c	(81031524)
366063.66	3766792.00	0.02817c	(81031524)	366113.66	3766792.00	0.02985c	(81031524)
366163.66	3766792.00	0.03245c	(81031524)	366213.66	3766792.00	0.03614c	(81082508)
366263.66	3766792.00	0.04000c	(81032924)	366313.66	3766792.00	0.04557c	(81090624)
366363.66	3766792.00	0.04951c	(81051924)	366413.66	3766792.00	0.05357c	(81031424)
366463.66	3766792.00	0.05554c	(81031424)	366513.66	3766792.00	0.05350c	(81051924)
366563.66	3766792.00	0.03849c	(81051924)	364613.66	3766042.00	0.02019c	(81030608)

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364688.66 3766042.00 0.02717 (81011208) 364763.66 3766042.00 0.02147c (81122008)
364838.66 3766042.00 0.03809 (81020808) 364913.66 3766042.00 0.04268 (81122224)
364988.66 3766042.00 0.03360c (81100508) 365063.66 3766042.00 0.02640c (81122324)
365138.66 3766042.00 0.01842c (81110208) 365213.66 3766042.00 0.01300c (81080308)
365288.66 3766042.00 0.01133c (81080308) 365363.66 3766042.00 0.00995c (81110208)
365438.66 3766042.00 0.00850c (81110208) 365513.66 3766042.00 0.00814c (81122708)
365588.66 3766042.00 0.00895c (81122708) 365663.66 3766042.00 0.00982c (81103108)
365738.66 3766042.00 0.01034c (81103108) 365813.66 3766042.00 0.01015 (81122224)
365888.66 3766042.00 0.00993 (81122224) 365963.66 3766042.00 0.00927 (81103008)
366038.66 3766042.00 0.00918c (81103124) 366113.66 3766042.00 0.00889c (81103124)
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
366188.66	3766042.00	0.00811c	(81103124)	366263.66	3766042.00	0.00776c	(81101724)
366338.66	3766042.00	0.00770c	(81101724)	366413.66	3766042.00	0.00747c	(81110208)
366488.66	3766042.00	0.00784c	(81110208)	366563.66	3766042.00	0.00782c	(81110208)
366613.66	3766117.00	0.01894c	(81012908)	366563.66	3766117.00	0.00848c	(81110208)
366613.66	3766192.00	0.02966c	(81012908)	366563.66	3766192.00	0.00875c	(81110208)
366613.66	3766267.00	0.02891	(81030108)	366563.66	3766267.00	0.00993c	(81103024)
366613.66	3766342.00	0.02112c	(81083108)	366563.66	3766342.00	0.01142c	(81110208)
366613.66	3766417.00	0.01702	(81030408)	366563.66	3766417.00	0.01468c	(81110208)
366613.66	3766492.00	0.01140c	(81060508)	366563.66	3766492.00	0.01845c	(81110208)
366613.66	3766567.00	0.00793c	(81060508)	366563.66	3766567.00	0.02114c	(81110208)
366613.66	3766642.00	0.00818	(81030108)	366563.66	3766642.00	0.02669	(81032624)
366613.66	3766717.00	0.00774	(81030108)	366563.66	3766717.00	0.04771	(81032624)
366613.66	3766792.00	0.00716c	(81123108)	366563.66	3766792.00	0.03849c	(81051924)
366613.66	3766867.00	0.00705c	(81123108)	366688.66	3766867.00	0.00700c	(81123108)
364763.66	3766867.00	0.00658c	(81123108)	364838.66	3766867.00	0.00675c	(81112908)
364913.66	3766867.00	0.00725c	(81112908)	364988.66	3766867.00	0.00739c	(81030324)
365063.66	3766867.00	0.00816c	(81081108)	365138.66	3766867.00	0.00888	(81030408)
365213.66	3766867.00	0.00980c	(81123108)	365288.66	3766867.00	0.01100c	(81123108)
365363.66	3766867.00	0.01171c	(81123108)	365438.66	3766867.00	0.01239c	(81123108)
365513.66	3766867.00	0.01239c	(81123108)	365588.66	3766867.00	0.01198	(81030408)
365663.66	3766867.00	0.01427c	(81030324)	365738.66	3766867.00	0.01517c	(81030324)
365813.66	3766867.00	0.01694	(81021424)	365888.66	3766867.00	0.01718c	(81050224)
365963.66	3766867.00	0.01895c	(81050224)	366038.66	3766867.00	0.02092	(81031524)
366113.66	3766867.00	0.02121	(81031524)	366188.66	3766867.00	0.02191	(81031524)
366263.66	3766867.00	0.02342c	(81050224)	366338.66	3766867.00	0.02708c	(81090624)
366413.66	3766867.00	0.02868c	(81090624)	366488.66	3766867.00	0.03059c	(81031424)
366563.66	3766867.00	0.02912c	(81031424)	364513.66	3765942.00	0.01257	(81030608)
366613.66	3765942.00	0.01654	(81011208)	364713.66	3765942.00	0.01121c	(81122008)
364813.66	3765942.00	0.01765	(81020808)	364913.66	3765942.00	0.01679c	(81012408)
365013.66	3765942.00	0.01778	(81103008)	365113.66	3765942.00	0.01707c	(81122324)
365213.66	3765942.00	0.01379c	(81122324)	365313.66	3765942.00	0.01160c	(81122324)
365413.66	3765942.00	0.00771c	(81080308)	365513.66	3765942.00	0.00719c	(81110208)
365613.66	3765942.00	0.00666c	(81122708)	365713.66	3765942.00	0.00785c	(81103108)
365813.66	3765942.00	0.00808c	(81103108)	365913.66	3765942.00	0.00821	(81122224)
366013.66	3765942.00	0.00760	(81122224)	366113.66	3765942.00	0.00734c	(81103124)
366213.66	3765942.00	0.00696c	(81103124)	366313.66	3765942.00	0.00664c	(81121108)
366413.66	3765942.00	0.00593c	(81101724)	366513.66	3765942.00	0.00573c	(81110208)
366613.66	3765942.00	0.00625c	(81110208)	366713.66	3765942.00	0.00624c	(81110208)
364513.66	3766042.00	0.01185c	(81112924)	366613.66	3766042.00	0.00761c	(81110208)
366713.66	3766042.00	0.00692c	(81110208)	364513.66	3766142.00	0.02036	(81030208)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,

*** 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)
366613.66	3766142.00	0.00807c	(81110208)	366713.66	3766142.00	0.00749c	(81080308)
364513.66	3766242.00	0.02095	(81030108)	366613.66	3766242.00	0.00895c	(81103024)
366713.66	3766242.00	0.00839c	(81110208)	364513.66	3766342.00	0.01456c	(81123108)
366613.66	3766342.00	0.01128c	(81110208)	366713.66	3766342.00	0.01065c	(81110208)
364513.66	3766442.00	0.01328c	(81083108)	366613.66	3766442.00	0.01514c	(81110208)
366713.66	3766442.00	0.01235c	(81110208)	364513.66	3766542.00	0.00932c	(81112424)
366613.66	3766542.00	0.01720c	(81110208)	366713.66	3766542.00	0.01341c	(81110208)
364513.66	3766642.00	0.00717	(81030108)	366613.66	3766642.00	0.02394	(81032624)
366713.66	3766642.00	0.01976	(81032624)	364513.66	3766742.00	0.00712c	(81123108)
366613.66	3766742.00	0.03302c	(81122108)	366713.66	3766742.00	0.02214c	(81122108)
364513.66	3766842.00	0.00713c	(81123108)	366613.66	3766842.00	0.02908c	(81031424)
366713.66	3766842.00	0.01695c	(81020424)	364513.66	3766942.00	0.00648c	(81123108)
364613.66	3766942.00	0.00633c	(81123108)	364713.66	3766942.00	0.00577c	(81123108)
364813.66	3766942.00	0.00567	(81041908)	364913.66	3766942.00	0.00669c	(81081108)
365013.66	3766942.00	0.00797c	(81081108)	365113.66	3766942.00	0.00807	(81030408)
365213.66	3766942.00	0.00861	(81030408)	365313.66	3766942.00	0.00920c	(81123108)
365413.66	3766942.00	0.00955c	(81123108)	365513.66	3766942.00	0.00957c	(81032524)
365613.66	3766942.00	0.01068c	(81030324)	365713.66	3766942.00	0.01291c	(81030324)
365813.66	3766942.00	0.01292	(81021424)	365913.66	3766942.00	0.01322	(81021424)
366013.66	3766942.00	0.01497	(81031524)	366113.66	3766942.00	0.01613	(81031524)
366213.66	3766942.00	0.01672	(81031524)	366313.66	3766942.00	0.01822c	(81073124)
366413.66	3766942.00	0.02027c	(81090624)	366513.66	3766942.00	0.02098c	(81101108)
366613.66	3766942.00	0.02119c	(81101108)	366713.66	3766942.00	0.01973c	(81031424)
364213.66	3765642.00	0.00554	(81030608)	364413.66	3765642.00	0.00625	(81011208)
364613.66	3765642.00	0.00437c	(81122008)	364813.66	3765642.00	0.00600	(81020808)
365013.66	3765642.00	0.00610	(81122224)	365213.66	3765642.00	0.00674	(81103008)
365413.66	3765642.00	0.00599c	(81122324)	365613.66	3765642.00	0.00562c	(81122324)
365813.66	3765642.00	0.00535c	(81101508)	366013.66	3765642.00	0.00529	(81122224)
366213.66	3765642.00	0.00535	(81122224)	366413.66	3765642.00	0.00478	(81103008)
366613.66	3765642.00	0.00409	(81011224)	366813.66	3765642.00	0.00410	(81011224)
367013.66	3765642.00	0.00380c	(81100508)	364213.66	3765842.00	0.00640c	(81112924)
364413.66	3765842.00	0.00884	(81030608)	364613.66	3765842.00	0.00942c	(81122008)
364813.66	3765842.00	0.01192	(81020808)	365013.66	3765842.00	0.01238	(81122224)
365213.66	3765842.00	0.01182c	(81122324)	365413.66	3765842.00	0.00871c	(81122324)
365613.66	3765842.00	0.00633c	(81101724)	365813.66	3765842.00	0.00650c	(81103108)
366013.66	3765842.00	0.00686	(81122224)	366213.66	3765842.00	0.00602c	(81103124)

Coop.POU.txt
366413.66 3765842.00 0.00545c (81121108) 366613.66 3765842.00 0.00480 (81011224)
366813.66 3765842.00 0.00499c (81110208) 367013.66 3765842.00 0.00462c (81110208)
364213.66 3766042.00 0.00902 (81030208) 364413.66 3766042.00 0.00968 (81042108)
366813.66 3766042.00 0.00624c (81110208) 367013.66 3766042.00 0.00563c (81080308)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001450, L0001451, L0001452, L0001453, L0001454, L0001455, L0001456,
L0001457, L0001458, L0001459, L0001460, L0001461, L0001462, L0001463, L0001464, L0001465, L0001466, L0001467, L0001468,
L0001469, L0001470, L0001471, L0001472, L0001473, L0001474, L0001475, L0001476, L0001477, L0001478, L0001479, . . . ,
*** 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)
364213.66 3766242.00 0.00838 (81030108) 364413.66 3766242.00 0.01443 (81030108)
366813.66 3766242.00 0.00798c (81110208) 367013.66 3766242.00 0.00705c (81110208)
364213.66 3766442.00 0.00745c (81061208) 364413.66 3766442.00 0.00924c (81083108)
366813.66 3766442.00 0.01027c (81110208) 367013.66 3766442.00 0.00716c (81071808)
364213.66 3766642.00 0.00502 (81030108) 364413.66 3766642.00 0.00674c (81112424)
366813.66 3766642.00 0.01670 (81032624) 367013.66 3766642.00 0.01249 (81032624)
364213.66 3766842.00 0.00487c (81123108) 364413.66 3766842.00 0.00644c (81123108)
366813.66 3766842.00 0.01427c (81021024) 367013.66 3766842.00 0.01075c (81012608)
364213.66 3767042.00 0.00488c (81123108) 364413.66 3767042.00 0.00558c (81123108)
364613.66 3767042.00 0.00494c (81123108) 364813.66 3767042.00 0.00555 (81030408)
365013.66 3767042.00 0.00729c (81081108) 365213.66 3767042.00 0.00699c (81102108)
365413.66 3767042.00 0.00814 (81021424) 365613.66 3767042.00 0.00876c (81112424)
365813.66 3767042.00 0.00937c (81021408) 366013.66 3767042.00 0.01088c (81050224)
366213.66 3767042.00 0.01327c (81032924) 366413.66 3767042.00 0.01398c (81090624)
366613.66 3767042.00 0.01555c (81101108) 366813.66 3767042.00 0.01447c (81031424)
367013.66 3767042.00 0.01077c (81031424) 364213.66 3767242.00 0.00371c (81123108)
364413.66 3767242.00 0.00361c (81123108) 364613.66 3767242.00 0.00423 (81030408)
364813.66 3767242.00 0.00499c (81112424) 365013.66 3767242.00 0.00516 (81040624)
365213.66 3767242.00 0.00523c (81011308) 365413.66 3767242.00 0.00624 (81021424)
365613.66 3767242.00 0.00623c (81112424) 365813.66 3767242.00 0.00592c (81021408)
366013.66 3767242.00 0.00690 (81021424) 366213.66 3767242.00 0.00852c (81050224)
366413.66 3767242.00 0.00977c (81032924) 366613.66 3767242.00 0.00917c (81090624)
366813.66 3767242.00 0.00998c (81101108) 367013.66 3767242.00 0.01008c (81101108)
364749.41 3766145.50 0.05529 (81030608) 365164.66 3766254.25 0.02990 (81032624)
365136.59 3766369.25 0.02664c (81080824) 364719.78 3766265.75 0.04890c (81123108)
366491.12 3766752.50 0.11982c (81051924) 366496.31 3766728.25 0.09648 (81032624)
365453.47 3766452.00 0.17740 (81011208) 365450.00 3766474.50 0.23362 (81030108)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT

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*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***
** CONC OF CO IN MICROGRAMS/M**3 **
GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZFLAG) OF TYPE NETWORK GRID-ID
ALL 1ST HIGHEST VALUE IS 0.19137 AT (364873.66, 3766202.00, 0.00, 0.00) DC NA
2ND HIGHEST VALUE IS 0.15186 AT (364893.66, 3766202.00, 0.00, 0.00) DC NA
3RD HIGHEST VALUE IS 0.14445 AT (364893.66, 3766222.00, 0.00, 0.00) DC NA
4TH HIGHEST VALUE IS 0.13639 AT (364873.66, 3766222.00, 0.00, 0.00) DC NA
5TH HIGHEST VALUE IS 0.13411 AT (364873.66, 3766242.00, 0.00, 0.00) DC NA
6TH HIGHEST VALUE IS 0.10757 AT (365673.66, 3766542.00, 0.00, 0.00) DC NA
*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT

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*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***
** CONC OF CO IN MICROGRAMS/M**3 **
GROUP ID AVERAGE CONC DATE (YYMMDDHH) RECEPTOR (XR, YR, ZELEV, ZFLAG) OF TYPE NETWORK GRID-ID
ALL HIGH 1ST HIGH VALUE IS 0.95570 ON 81050602: AT (364873.66, 3766182.00, 0.00, 0.00) DC NA
*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT

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*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***
** CONC OF CO IN MICROGRAMS/M**3 **
GROUP ID AVERAGE CONC DATE (YYMMDDHH) RECEPTOR (XR, YR, ZELEV, ZFLAG) OF TYPE NETWORK GRID-ID
ALL HIGH 1ST HIGH VALUE IS 0.66406 ON 81122224: AT (364873.66, 3766182.00, 0.00, 0.00) DC NA
*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY

```
1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\EXP0hra.isc      ***
***                                     ***                                     ***
**MODELOPTS: CONC                     URBAN  FLAT                     DFAULT
*** Message Summary : ISC3P Model Execution ***
----- Summary of Total Messages -----
A Total of          0  Fatal Error Message(s)
A Total of          1  Warning Message(s)
A Total of        1673  Informational Message(s)
A Total of        1673  Calm Hours Identified

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

***** WARNING MESSAGES *****
SO W320   858 PPARM :Source Parameter May Be Out-of-Range for Parameter      VS

*****
*** ISC3P Finishes Successfully ***
*****
```


NO2

```

**
*****
**
** ISC-PRIME Input Produced by:
** AERMOD View Ver. 6.0.0
** Lakes Environmental Software Inc.
** Date: 9/2/2009
** File: C:\AERMOD Projects\EXPO\Expo Opera\NOx\NOxOp.PIN
**
*****
**
**
*****
** ISC-PRIME Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc
  MODELOPT DFAULT CONC URBAN
  AVERTIME 1 ANNUAL
  POLLUTID NOX
  TERRHGTs FLAT
  RUNORNOT RUN
CO FINISHED
**
*****
** ISC-PRIME Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FP1
** DESCRSRC
** Length of Side = 3.66
** Emission Rate = 5.172E-07
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 364845.15, 3766207.70, 0.00, 0.50, 0.0
** 364836.91, 3766251.63, 0.00, 0.50, 3.19
** -----
** LOCATION L0001742 VOLUME 364844.819 3766209.549
** LOCATION L0001743 VOLUME 364843.556 3766216.282
** LOCATION L0001744 VOLUME 364842.294 3766223.016
** LOCATION L0001745 VOLUME 364841.031 3766229.750
** LOCATION L0001746 VOLUME 364839.769 3766236.484
** LOCATION L0001747 VOLUME 364838.506 3766243.218
** LOCATION L0001748 VOLUME 364837.243 3766249.951
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FP2
** DESCRSRC
** Length of Side = 7.32
** Emission Rate = 5.172E-07
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 364858.02, 3766207.32, 0.00, 0.50, 0.0
** 364848.87, 3766253.08, 0.00, 0.50, 6.10
** -----
** LOCATION L0001749 VOLUME 364857.313 3766210.836
** LOCATION L0001750 VOLUME 364854.740 3766223.695
** LOCATION L0001751 VOLUME 364852.166 3766236.555
** LOCATION L0001752 VOLUME 364849.593 3766249.414
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FP3
** DESCRSRC
** Length of Side = 7.32
** Emission Rate = 5.172E-07
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 364868.28, 3766213.06, 0.00, 0.50, 0.0
** 364862.99, 3766238.18, 0.00, 0.50, 4.30
** -----
** LOCATION L0001753 VOLUME 364867.532 3766216.580
** LOCATION L0001754 VOLUME 364865.641 3766225.625
** LOCATION L0001755 VOLUME 364863.749 3766234.670
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FD1
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 1.373E-06
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 4
** 364872.25, 3766178.01, 0.00, 0.50, 0.0
** 364866.96, 3766195.20, 0.00, 0.50, 4.85
** 364851.75, 3766204.46, 0.00, 0.50, 4.14
** 364839.85, 3766254.71, 0.00, 0.50, 6.00
** -----
** LOCATION L0001756 VOLUME 364871.135 3766181.643
** LOCATION L0001757 VOLUME 364868.084 3766191.607
** LOCATION L0001758 VOLUME 364862.615 3766197.896
** LOCATION L0001759 VOLUME 364855.006 3766202.521
** LOCATION L0001760 VOLUME 364849.652 3766213.355
** LOCATION L0001761 VOLUME 364846.675 3766225.918
** LOCATION L0001762 VOLUME 364843.699 3766238.480
** LOCATION L0001763 VOLUME 364840.722 3766251.043
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FD2
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 1.373E-06
** Vertical Dimension = 0.50
** SZINIT = 0.23

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** Nodes = 4
** 364871.59, 3766178.01, 0.00, 0.50, 0.0
** 364866.96, 3766193.22, 0.00, 0.50, 3.87
** 364853.07, 3766204.46, 0.00, 0.50, 4.16
** 364840.51, 3766252.73, 0.00, 0.50, 5.80
** -----
LOCATION L0001764 VOLUME 364870.488 3766181.646
LOCATION L0001765 VOLUME 364868.075 3766189.604
LOCATION L0001766 VOLUME 364862.978 3766196.479
LOCATION L0001767 VOLUME 364856.025 3766202.104
LOCATION L0001768 VOLUME 364850.882 3766212.875
LOCATION L0001769 VOLUME 364847.741 3766224.938
LOCATION L0001770 VOLUME 364844.601 3766237.000
LOCATION L0001771 VOLUME 364841.460 3766249.063
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FD3
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 1.373E-06
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 364870.93, 3766178.67, 0.00, 0.50, 0.0
** 364853.07, 3766259.34, 0.00, 0.50, 6.96
** -----
LOCATION L0001772 VOLUME 364870.112 3766182.469
LOCATION L0001773 VOLUME 364866.867 3766197.082
LOCATION L0001774 VOLUME 364863.622 3766211.694
LOCATION L0001775 VOLUME 364860.378 3766226.306
LOCATION L0001776 VOLUME 364857.133 3766240.918
LOCATION L0001777 VOLUME 364853.888 3766255.531
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FD4
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 1.373E-06
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 364871.59, 3766178.67, 0.00, 0.50, 0.0
** 364854.40, 3766256.04, 0.00, 0.50, 6.65
** -----
LOCATION L0001778 VOLUME 364870.766 3766182.469
LOCATION L0001779 VOLUME 364867.660 3766196.431
LOCATION L0001780 VOLUME 364864.553 3766210.394
LOCATION L0001781 VOLUME 364861.447 3766224.356
LOCATION L0001782 VOLUME 364858.340 3766238.319
LOCATION L0001783 VOLUME 364855.234 3766252.281
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FD5
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 1.373E-06
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 4
** 364871.59, 3766177.35, 0.00, 0.50, 0.0
** 364866.96, 3766194.54, 0.00, 0.50, 4.76
** 364874.89, 3766211.07, 0.00, 0.50, 4.26
** 364868.94, 3766239.51, 0.00, 0.50, 6.77
** -----
LOCATION L0001784 VOLUME 364870.607 3766180.930
LOCATION L0001785 VOLUME 364867.955 3766190.820
LOCATION L0001786 VOLUME 364869.286 3766199.317
LOCATION L0001787 VOLUME 364873.255 3766207.567
LOCATION L0001788 VOLUME 364872.703 3766221.521
LOCATION L0001789 VOLUME 364869.718 3766235.771
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FD6
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 1.373E-06
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 4
** 364871.59, 3766179.33, 0.00, 0.50, 0.0
** 364865.64, 3766196.53, 0.00, 0.50, 4.95
** 364876.22, 3766209.75, 0.00, 0.50, 3.95
** 364868.94, 3766238.84, 0.00, 0.50, 6.95
** -----
LOCATION L0001790 VOLUME 364870.348 3766182.851
LOCATION L0001791 VOLUME 364866.871 3766192.899
LOCATION L0001792 VOLUME 364868.543 3766200.149
LOCATION L0001793 VOLUME 364873.840 3766206.774
LOCATION L0001794 VOLUME 364873.506 3766220.555
LOCATION L0001795 VOLUME 364869.865 3766235.055
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FTD1
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 1.233E-06
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 5
** 365112.27, 3766242.15, 0.00, 1.83, 0.0
** 365040.86, 3766246.78, 0.00, 1.83, 5.95
** 365038.88, 3766261.33, 0.00, 1.83, 6.81
** 365062.02, 3766271.91, 0.00, 1.83, 5.94
** 365009.12, 3766259.34, 0.00, 1.83, 6.33
** -----
LOCATION L0001796 VOLUME 365108.479 3766242.490
LOCATION L0001797 VOLUME 365095.719 3766243.294
LOCATION L0001798 VOLUME 365082.958 3766244.098
LOCATION L0001799 VOLUME 365070.198 3766244.902
LOCATION L0001800 VOLUME 365057.438 3766245.706
LOCATION L0001801 VOLUME 365044.677 3766246.510
LOCATION L0001802 VOLUME 365039.396 3766257.476
LOCATION L0001803 VOLUME 365046.997 3766265.021

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LOCATION L0001804 VOLUME 365058.575 3766270.396
LOCATION L0001805 VOLUME 365052.509 3766269.705
LOCATION L0001806 VOLUME 365039.282 3766266.518
LOCATION L0001807 VOLUME 365026.056 3766263.330
LOCATION L0001808 VOLUME 365012.829 3766260.143
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FTD2
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 1.233E-06
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 3
** 365011.77, 3766260.00, 0.00, 1.83, 0.0
** 365101.03, 3766260.66, 0.00, 1.83, 6.33
** 365110.29, 3766240.83, 0.00, 1.83, 5.12
** -----
LOCATION L0001809 VOLUME 365015.591 3766260.032
LOCATION L0001810 VOLUME 365029.196 3766260.146
LOCATION L0001811 VOLUME 365042.801 3766260.261
LOCATION L0001812 VOLUME 365056.406 3766260.375
LOCATION L0001813 VOLUME 365070.011 3766260.489
LOCATION L0001814 VOLUME 365083.616 3766260.604
LOCATION L0001815 VOLUME 365097.221 3766260.718
LOCATION L0001816 VOLUME 365104.057 3766254.208
LOCATION L0001817 VOLUME 365108.682 3766244.208
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BP1
** DESCRSRC
** Length of Side = 3.66
** Emission Rate = 1.635E-07
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 365910.40, 3766582.01, 0.00, 0.50, 0.0
** 366446.71, 3766722.39, 0.00, 0.50, 3.37
** -----
LOCATION L0001818 VOLUME 365912.175 3766582.463
LOCATION L0001819 VOLUME 365919.186 3766584.300
LOCATION L0001820 VOLUME 365926.196 3766586.136
LOCATION L0001821 VOLUME 365933.206 3766587.973
LOCATION L0001822 VOLUME 365940.216 3766589.809
LOCATION L0001823 VOLUME 365947.226 3766591.646
LOCATION L0001824 VOLUME 365954.236 3766593.482
LOCATION L0001825 VOLUME 365961.247 3766595.319
LOCATION L0001826 VOLUME 365968.257 3766597.155
LOCATION L0001827 VOLUME 365975.267 3766598.992
LOCATION L0001828 VOLUME 365982.277 3766600.828
LOCATION L0001829 VOLUME 365989.287 3766602.665
LOCATION L0001830 VOLUME 365996.298 3766604.501
LOCATION L0001831 VOLUME 366003.308 3766606.338
LOCATION L0001832 VOLUME 366010.318 3766608.174
LOCATION L0001833 VOLUME 366017.328 3766610.011
LOCATION L0001834 VOLUME 366024.338 3766611.847
LOCATION L0001835 VOLUME 366031.349 3766613.684
LOCATION L0001836 VOLUME 366038.359 3766615.520
LOCATION L0001837 VOLUME 366045.369 3766617.357
LOCATION L0001838 VOLUME 366052.379 3766619.193
LOCATION L0001839 VOLUME 366059.389 3766621.030
LOCATION L0001840 VOLUME 366066.399 3766622.866
LOCATION L0001841 VOLUME 366073.410 3766624.703
LOCATION L0001842 VOLUME 366080.420 3766626.539
LOCATION L0001843 VOLUME 366087.430 3766628.376
LOCATION L0001844 VOLUME 366094.440 3766630.212
LOCATION L0001845 VOLUME 366101.450 3766632.049
LOCATION L0001846 VOLUME 366108.461 3766633.885
LOCATION L0001847 VOLUME 366115.471 3766635.722
LOCATION L0001848 VOLUME 366122.481 3766637.558
LOCATION L0001849 VOLUME 366129.491 3766639.395
LOCATION L0001850 VOLUME 366136.501 3766641.231
LOCATION L0001851 VOLUME 366143.511 3766643.068
LOCATION L0001852 VOLUME 366150.522 3766644.904
LOCATION L0001853 VOLUME 366157.532 3766646.741
LOCATION L0001854 VOLUME 366164.542 3766648.577
LOCATION L0001855 VOLUME 366171.552 3766650.413
LOCATION L0001856 VOLUME 366178.562 3766652.250
LOCATION L0001857 VOLUME 366185.573 3766654.086
LOCATION L0001858 VOLUME 366192.583 3766655.923
LOCATION L0001859 VOLUME 366199.593 3766657.759
LOCATION L0001860 VOLUME 366206.603 3766659.596
LOCATION L0001861 VOLUME 366213.613 3766661.432
LOCATION L0001862 VOLUME 366220.624 3766663.269
LOCATION L0001863 VOLUME 366227.634 3766665.105
LOCATION L0001864 VOLUME 366234.644 3766666.942
LOCATION L0001865 VOLUME 366241.654 3766668.778
LOCATION L0001866 VOLUME 366248.664 3766670.615
LOCATION L0001867 VOLUME 366255.675 3766672.451
LOCATION L0001868 VOLUME 366262.685 3766674.288
LOCATION L0001869 VOLUME 366269.695 3766676.124
LOCATION L0001870 VOLUME 366276.705 3766677.961
LOCATION L0001871 VOLUME 366283.715 3766679.797
LOCATION L0001872 VOLUME 366290.726 3766681.634
LOCATION L0001873 VOLUME 366297.736 3766683.470
LOCATION L0001874 VOLUME 366304.746 3766685.307
LOCATION L0001875 VOLUME 366311.756 3766687.143
LOCATION L0001876 VOLUME 366318.766 3766688.980
LOCATION L0001877 VOLUME 366325.777 3766690.816
LOCATION L0001878 VOLUME 366332.787 3766692.653
LOCATION L0001879 VOLUME 366339.797 3766694.489
LOCATION L0001880 VOLUME 366346.807 3766696.326
LOCATION L0001881 VOLUME 366353.817 3766698.162
LOCATION L0001882 VOLUME 366360.828 3766699.999
LOCATION L0001883 VOLUME 366367.838 3766701.835
LOCATION L0001884 VOLUME 366374.848 3766703.672
LOCATION L0001885 VOLUME 366381.858 3766705.508
LOCATION L0001886 VOLUME 366388.868 3766707.345
LOCATION L0001887 VOLUME 366395.879 3766709.181
LOCATION L0001888 VOLUME 366402.889 3766711.018
LOCATION L0001889 VOLUME 366409.899 3766712.854
LOCATION L0001890 VOLUME 366416.909 3766714.691
LOCATION L0001891 VOLUME 366423.919 3766716.527
LOCATION L0001892 VOLUME 366430.930 3766718.364
LOCATION L0001893 VOLUME 366437.940 3766720.200
LOCATION L0001894 VOLUME 366444.950 3766722.037

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** End of Line Source
** Line Source represented by Separated Volume Sources
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** LINE Source ID = BP2
** DESCRSRC
** Length of Side = 3.66
** Emission Rate = 1.635E-07
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 365834.43, 3766564.98, 0.00, 0.50, 0.0
** 365480.24, 3766467.05, 0.00, 0.50, 3.38
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LOCATION L0001895 VOLUME 365832.675 3766564.512
LOCATION L0001896 VOLUME 365825.662 3766562.572
LOCATION L0001897 VOLUME 365818.648 3766560.631
LOCATION L0001898 VOLUME 365811.635 3766558.691
LOCATION L0001899 VOLUME 365804.622 3766556.750
LOCATION L0001900 VOLUME 365797.609 3766554.810
LOCATION L0001901 VOLUME 365790.595 3766552.869
LOCATION L0001902 VOLUME 365783.582 3766550.929
LOCATION L0001903 VOLUME 365776.569 3766548.988
LOCATION L0001904 VOLUME 365769.556 3766547.048
LOCATION L0001905 VOLUME 365762.542 3766545.107
LOCATION L0001906 VOLUME 365755.529 3766543.167
LOCATION L0001907 VOLUME 365748.516 3766541.226
LOCATION L0001908 VOLUME 365741.503 3766539.286
LOCATION L0001909 VOLUME 365734.489 3766537.345
LOCATION L0001910 VOLUME 365727.476 3766535.405
LOCATION L0001911 VOLUME 365720.463 3766533.464
LOCATION L0001912 VOLUME 365713.450 3766531.524
LOCATION L0001913 VOLUME 365706.436 3766529.583
LOCATION L0001914 VOLUME 365699.423 3766527.643
LOCATION L0001915 VOLUME 365692.410 3766525.702
LOCATION L0001916 VOLUME 365685.397 3766523.762
LOCATION L0001917 VOLUME 365678.384 3766521.821
LOCATION L0001918 VOLUME 365671.370 3766519.881
LOCATION L0001919 VOLUME 365664.357 3766517.940
LOCATION L0001920 VOLUME 365657.344 3766516.000
LOCATION L0001921 VOLUME 365650.331 3766514.060
LOCATION L0001922 VOLUME 365643.317 3766512.119
LOCATION L0001923 VOLUME 365636.304 3766510.179
LOCATION L0001924 VOLUME 365629.291 3766508.238
LOCATION L0001925 VOLUME 365622.278 3766506.298
LOCATION L0001926 VOLUME 365615.264 3766504.357
LOCATION L0001927 VOLUME 365608.251 3766502.417
LOCATION L0001928 VOLUME 365601.238 3766500.476
LOCATION L0001929 VOLUME 365594.225 3766498.536
LOCATION L0001930 VOLUME 365587.211 3766496.595
LOCATION L0001931 VOLUME 365580.198 3766494.655
LOCATION L0001932 VOLUME 365573.185 3766492.714
LOCATION L0001933 VOLUME 365566.172 3766490.774
LOCATION L0001934 VOLUME 365559.158 3766488.833
LOCATION L0001935 VOLUME 365552.145 3766486.893
LOCATION L0001936 VOLUME 365545.132 3766484.952
LOCATION L0001937 VOLUME 365538.119 3766483.012
LOCATION L0001938 VOLUME 365531.105 3766481.071
LOCATION L0001939 VOLUME 365524.092 3766479.131
LOCATION L0001940 VOLUME 365517.079 3766477.190
LOCATION L0001941 VOLUME 365510.066 3766475.250
LOCATION L0001942 VOLUME 365503.052 3766473.309
LOCATION L0001943 VOLUME 365496.039 3766471.369
LOCATION L0001944 VOLUME 365489.026 3766469.428
LOCATION L0001945 VOLUME 365482.013 3766467.488
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BD1
** DESCRSRC
** Length of Side = 9.14
** Emission Rate = 8.827E-06
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 3
** 365460.10, 3766465.22, 0.00, 0.50, 0.0
** 365478.88, 3766474.16, 0.00, 0.50, 5.44
** 365744.44, 3766547.49, 0.00, 0.50, 8.01
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LOCATION L0001946 VOLUME 365464.215 3766467.225
LOCATION L0001947 VOLUME 365474.754 3766472.275
LOCATION L0001948 VOLUME 365491.067 3766477.613
LOCATION L0001949 VOLUME 365507.665 3766482.191
LOCATION L0001950 VOLUME 365524.262 3766486.769
LOCATION L0001951 VOLUME 365540.860 3766491.347
LOCATION L0001952 VOLUME 365557.458 3766495.925
LOCATION L0001953 VOLUME 365574.055 3766500.504
LOCATION L0001954 VOLUME 365590.653 3766505.082
LOCATION L0001955 VOLUME 365607.251 3766509.660
LOCATION L0001956 VOLUME 365623.848 3766514.238
LOCATION L0001957 VOLUME 365640.446 3766518.816
LOCATION L0001958 VOLUME 365657.044 3766523.394
LOCATION L0001959 VOLUME 365673.641 3766527.972
LOCATION L0001960 VOLUME 365690.239 3766532.550
LOCATION L0001961 VOLUME 365706.837 3766537.129
LOCATION L0001962 VOLUME 365723.434 3766541.707
LOCATION L0001963 VOLUME 365740.032 3766546.285
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BD2
** DESCRSRC
** Length of Side = 9.14
** Emission Rate = 8.827E-06
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 3
** 365884.77, 3766575.04, 0.00, 0.50, 0.0
** 365845.83, 3766575.04, 0.00, 0.50, 6.93
** 365603.36, 3766509.62, 0.00, 0.50, 8.35
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LOCATION L0001964 VOLUME 365880.209 3766575.000
LOCATION L0001965 VOLUME 365865.313 3766575.000
LOCATION L0001966 VOLUME 365850.416 3766575.000
LOCATION L0001967 VOLUME 365832.936 3766571.514
LOCATION L0001968 VOLUME 365815.615 3766566.835
LOCATION L0001969 VOLUME 365798.293 3766562.156
LOCATION L0001970 VOLUME 365780.972 3766557.478
LOCATION L0001971 VOLUME 365763.650 3766552.799

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LOCATION L0001972 VOLUME 365746.329 3766548.121
LOCATION L0001973 VOLUME 365729.008 3766543.442
LOCATION L0001974 VOLUME 365711.686 3766538.764
LOCATION L0001975 VOLUME 365694.365 3766534.085
LOCATION L0001976 VOLUME 365677.043 3766529.406
LOCATION L0001977 VOLUME 365659.722 3766524.728
LOCATION L0001978 VOLUME 365642.400 3766520.049
LOCATION L0001979 VOLUME 365625.079 3766515.371
LOCATION L0001980 VOLUME 365607.758 3766510.692
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BD3
** DESCRSRC
** Length of Side = 9.14
** Emission Rate = 8.827E-06
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 3
** 365896.66, 3766575.04, 0.00, 0.50, 0.0
** 365903.07, 3766588.77, 0.00, 0.50, 2.80
** 366303.94, 3766694.94, 0.00, 0.50, 8.39
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LOCATION L0001981 VOLUME 365898.587 3766579.144
LOCATION L0001982 VOLUME 365901.132 3766584.606
LOCATION L0001983 VOLUME 365916.072 3766592.198
LOCATION L0001984 VOLUME 365933.502 3766596.818
LOCATION L0001985 VOLUME 365950.931 3766601.437
LOCATION L0001986 VOLUME 365968.360 3766606.057
LOCATION L0001987 VOLUME 365985.790 3766610.676
LOCATION L0001988 VOLUME 366003.219 3766615.296
LOCATION L0001989 VOLUME 366020.649 3766619.916
LOCATION L0001990 VOLUME 366038.078 3766624.535
LOCATION L0001991 VOLUME 366055.507 3766629.155
LOCATION L0001992 VOLUME 366072.937 3766633.774
LOCATION L0001993 VOLUME 366090.366 3766638.394
LOCATION L0001994 VOLUME 366107.795 3766643.013
LOCATION L0001995 VOLUME 366125.225 3766647.633
LOCATION L0001996 VOLUME 366142.654 3766652.253
LOCATION L0001997 VOLUME 366160.083 3766656.872
LOCATION L0001998 VOLUME 366177.513 3766661.492
LOCATION L0001999 VOLUME 366194.942 3766666.111
LOCATION L0002000 VOLUME 366212.371 3766670.731
LOCATION L0002001 VOLUME 366229.801 3766675.350
LOCATION L0002002 VOLUME 366247.230 3766679.970
LOCATION L0002003 VOLUME 366264.659 3766684.590
LOCATION L0002004 VOLUME 366282.089 3766689.209
LOCATION L0002005 VOLUME 366299.518 3766693.829
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BD4
** DESCRSRC
** Length of Side = 9.14
** Emission Rate = 8.827E-06
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 3
** 366486.98, 3766733.38, 0.00, 0.50, 0.0
** 366444.88, 3766730.63, 0.00, 0.50, 7.68
** 366017.47, 3766620.80, 0.00, 0.50, 8.21
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LOCATION L0002006 VOLUME 366482.406 3766733.202
LOCATION L0002007 VOLUME 366465.922 3766732.125
LOCATION L0002008 VOLUME 366449.437 3766731.048
LOCATION L0002009 VOLUME 366432.206 3766727.490
LOCATION L0002010 VOLUME 366415.110 3766723.090
LOCATION L0002011 VOLUME 366398.014 3766718.690
LOCATION L0002012 VOLUME 366380.918 3766714.290
LOCATION L0002013 VOLUME 366363.821 3766709.890
LOCATION L0002014 VOLUME 366346.725 3766705.490
LOCATION L0002015 VOLUME 366329.629 3766701.090
LOCATION L0002016 VOLUME 366312.533 3766696.690
LOCATION L0002017 VOLUME 366295.436 3766692.290
LOCATION L0002018 VOLUME 366278.340 3766687.890
LOCATION L0002019 VOLUME 366261.244 3766683.490
LOCATION L0002020 VOLUME 366244.148 3766679.090
LOCATION L0002021 VOLUME 366227.051 3766674.690
LOCATION L0002022 VOLUME 366209.955 3766670.290
LOCATION L0002023 VOLUME 366192.859 3766665.890
LOCATION L0002024 VOLUME 366175.763 3766661.490
LOCATION L0002025 VOLUME 366158.666 3766657.090
LOCATION L0002026 VOLUME 366141.570 3766652.690
LOCATION L0002027 VOLUME 366124.474 3766648.290
LOCATION L0002028 VOLUME 366107.378 3766643.890
LOCATION L0002029 VOLUME 366090.281 3766639.490
LOCATION L0002030 VOLUME 366073.185 3766635.090
LOCATION L0002031 VOLUME 366056.089 3766630.690
LOCATION L0002032 VOLUME 366038.993 3766626.290
LOCATION L0002033 VOLUME 366021.896 3766621.890
** End of Line Source
LOCATION FTI POINT 365010.980 3766260.170
** Source Parameters **
SRCPARAM L0001742 7.3886E-08 0.50 3.19 0.23
SRCPARAM L0001743 7.3886E-08 0.50 3.19 0.23
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SRCPARAM L0001745 7.3886E-08 0.50 3.19 0.23
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SRCPARAM L0001755 1.724E-07 0.50 4.30 0.23
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SRCPARAM L0001758 1.7163E-07 0.50 4.14 0.23
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SRCPARAM L0001761 1.7163E-07 0.50 6.00 0.23
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SRCPARAM L0001765 1.7163E-07 0.50 3.87 0.23
SRCPARAM L0001766 1.7163E-07 0.50 4.16 0.23

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SRCPARAM	L0001767	1.7163E-07	0.50	4.16	0.23
SRCPARAM	L0001768	1.7163E-07	0.50	5.80	0.23
SRCPARAM	L0001769	1.7163E-07	0.50	5.80	0.23
SRCPARAM	L0001770	1.7163E-07	0.50	5.80	0.23
SRCPARAM	L0001771	1.7163E-07	0.50	5.80	0.23
SRCPARAM	L0001772	2.2883E-07	0.50	6.96	0.23
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SRCPARAM	L0001774	2.2883E-07	0.50	6.96	0.23
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SRCPARAM	L0001788	2.2883E-07	0.50	6.77	0.23
SRCPARAM	L0001789	2.2883E-07	0.50	6.77	0.23
SRCPARAM	L0001790	2.2883E-07	0.50	4.95	0.23
SRCPARAM	L0001791	2.2883E-07	0.50	4.95	0.23
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SRCPARAM	L0001796	4.4846E-08	1.83	5.95	0.85
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SRCPARAM	L0001803	4.4846E-08	1.83	5.94	0.85
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SRCPARAM	L0001809	1.37E-07	1.83	6.33	0.85
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SRCPARAM	L0001815	1.37E-07	1.83	6.33	0.85
SRCPARAM	L0001816	1.37E-07	1.83	5.12	0.85
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SRCPARAM	L0001818	1.234E-09	0.50	3.37	0.23
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SRCPARAM	L0001821	1.234E-09	0.50	3.37	0.23
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SRCPARAM	L0001828	1.234E-09	0.50	3.37	0.23
SRCPARAM	L0001829	1.234E-			

[illegible]


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SRCPARAM L0002004 3.5308E-07 0.50 8.39 0.23
SRCPARAM L0002005 3.5308E-07 0.50 8.39 0.23
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SRCPARAM FTI 6.873E-5 12.600 366.000 51.71000 0.100
SRCGROUP ALL
SO FINISHED
**
*****
** ISC-PRIME Receptor Pathway
*****
**
**
RE STARTING
** DESCRREC "RES" "Residential"
DISCCART 364763.71 3766123.21
DISCCART 364877.00 3766157.65
DISCCART 364996.63 3766189.37
DISCCART 365152.52 3766233.78
DISCCART 365186.06 3766252.81
DISCCART 364813.56 3766040.73
DISCCART 364906.91 3766067.02
DISCCART 365017.48 3766096.02
DISCCART 365171.56 3766136.80
DISCCART 364901.47 3765939.22
DISCCART 364943.16 3765956.44
DISCCART 365049.20 3765981.82
DISCCART 365196.03 3766026.23
** DESCRREC "Both" "Res"
DISCCART 365319.29 3766299.03
DISCCART 365341.04 3766259.16
DISCCART 365370.95 3766205.68
DISCCART 365416.26 3766100.55
** DESCRREC "BRES" "Bundy Residential"
DISCCART 365711.60 3766501.92
DISCCART 366498.21 3766709.29
DISCCART 365730.52 3766430.31
DISCCART 366513.30 3766637.30
DISCCART 365475.87 3766363.83
DISCCART 365509.74 3766271.00
DISCCART 365760.63 3766338.74
DISCCART 366539.65 3766543.22
** BEGIN OF NESTED GRID RECEPTORS

** Nested Grid ID = NSTD2
** Grid Count = 5
** Receptor Count = 3221
** X Origin of Bounding Box = 364713.65
** Y Origin of Bounding Box = 3766141.96
** X Size of Bounding Box = 1777.55
** Y Size of Bounding Box = 605.49
** Grid #1: Distance from Bounding Box = 25.00 Spacing = 50.00
** Grid #2: Distance from Bounding Box = 50.00 Spacing = 50.00
** Grid #3: Distance from Bounding Box = 100.00 Spacing = 75.00
** Grid #4: Distance from Bounding Box = 200.00 Spacing = 100.00
** Grid #5: Distance from Bounding Box = 500.00 Spacing = 200.00
DISCCART 364713.65 3766141.96
DISCCART 364733.65 3766141.96
DISCCART 364753.65 3766141.96
DISCCART 364773.65 3766141.96
DISCCART 364793.65 3766141.96
DISCCART 364813.65 3766141.96
DISCCART 364833.65 3766141.96
DISCCART 364853.65 3766141.96
DISCCART 364873.65 3766141.96
DISCCART 364893.65 3766141.96
DISCCART 364913.65 3766141.96
DISCCART 364933.65 3766141.96
DISCCART 364953.65 3766141.96
DISCCART 364973.65 3766141.96
DISCCART 364993.65 3766141.96
DISCCART 365013.65 3766141.96
DISCCART 365033.65 3766141.96
DISCCART 365053.65 3766141.96
DISCCART 365073.65 3766141.96
DISCCART 365093.65 3766141.96
DISCCART 365113.65 3766141.96
DISCCART 365133.65 3766141.96
DISCCART 365153.65 3766141.96
DISCCART 365173.65 3766141.96
DISCCART 365193.65 3766141.96
DISCCART 365213.65 3766141.96
DISCCART 365233.65 3766141.96
DISCCART 365253.65 3766141.96
DISCCART 365273.65 3766141.96
DISCCART 365293.65 3766141.96
DISCCART 365313.65 3766141.96
DISCCART 365333.65 3766141.96
DISCCART 365353.65 3766141.96
DISCCART 365373.65 3766141.96
DISCCART 365393.65 3766141.96

```


[illegible]

[illegible]

[illegible]

[illegible]

```

** -----
** END OF NESTED GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name SITE
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART 364749.39 3766145.41
DISCCART 365164.66 3766254.24
DISCCART 365136.58 3766369.34
DISCCART 364719.79 3766265.79
** Plant Boundary Name PLBN1
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART 366491.12 3766752.49
DISCCART 366496.30 3766728.31
DISCCART 365453.45 3766452.06
DISCCART 365450.00 3766474.51
RE FINISHED
**
*****
** ISC-PRIME Meteorology Pathway
*****
**
**
ME STARTING
INPUTFIL C:\AERMOD~1\METDAT~1\WESTLA.ASC
ANEMHGHT 97 METERS
SURFDATA 52158 1981
UAIRDATA 91919 1981
ME FINISHED
**
*****
** ISC-PRIME Output Pathway
*****
**
**
OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST NOXOP.PR\01H1GALL.PLT
PLOTFILE ANNUAL ALL NOXOP.PR\AN00GALL.PLT
OU FINISHED

*** Message Summary For ISC3P Model Setup ***

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

A Total of 0 Fatal Error Message(s)
A Total of 1 Warning Message(s)
A Total of 0 Informational Message(s)

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

***** WARNING MESSAGES *****
SO W320 858 PPARM :Source Parameter May Be Out-of-Range for Parameter VS

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

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***

**MODELOPTS: CONC URBAN FLAT DEFAULT
*** MODEL SETUP OPTIONS SUMMARY ***
-----
**Intermediate Terrain Processing is Selected
**Model Is Setup For Calculation of Average CONCentration Values.
-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations
**Model Uses URBAN Dispersion.
**Model Uses Regulatory DEFAULT Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2
**Model Assumes Receptors on FLAT Terrain.
**Model Assumes No FLAGPOLE Receptor Heights.
**Model Calculates 1 Short Term Average(s) of: 1-HR
and Calculates ANNUAL Averages
**This Run Includes: 293 Source(s); 1 Source Group(s); and 3254 Receptor(s)
**The Model Assumes A Pollutant Type of: NOX
**Model Set To Continue RUNNING After the Setup Testing.
**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High Values for Plotting (PLOTFILE Keyword)
**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: Anem. Hgt. (m) = 97.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
Emission Units = GRAMS/SEC ; Emission Rate Unit Factor = 0.10000E+07

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
FTI	0	0.68730E-04	365011.0	3766260.0	0.0	12.60	366.00	51.71	0.10	NO	
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0001742	0	0.73886E-07	364844.8	3766209.5	0.0	0.50	3.19	0.23	
L0001743	0	0.73886E-07	364843.6	3766216.2	0.0	0.50	3.19	0.23	
L0001744	0	0.73886E-07	364842.3	3766223.0	0.0	0.50	3.19	0.23	
L0001745	0	0.73886E-07	364841.0	3766229.8	0.0	0.50	3.19	0.23	
L0001746	0	0.73886E-07	364839.8	3766236.5	0.0	0.50	3.19	0.23	
L0001747	0	0.73886E-07	364838.5	3766243.2	0.0	0.50	3.19	0.23	
L0001748	0	0.73886E-07	364837.2	3766250.0	0.0	0.50	3.19	0.23	
L0001749	0	0.12930E-06	364857.3	3766210.8	0.0	0.50	6.10	0.23	
L0001750	0	0.12930E-06	364854.7	3766223.5	0.0	0.50	6.10	0.23	
L0001751	0	0.12930E-06	364852.2	3766236.5	0.0	0.50	6.10	0.23	
L0001752	0	0.12930E-06	364849.6	3766249.5	0.0	0.50	6.10	0.23	
L0001753	0	0.17240E-06	364867.5	3766216.5	0.0	0.50	4.30	0.23	
L0001754	0	0.17240E-06	364865.6	3766225.5	0.0	0.50	4.30	0.23	
L0001755	0	0.17240E-06	364863.7	3766234.5	0.0	0.50	4.30	0.23	
L0001756	0	0.17163E-06	364871.1	3766181.5	0.0	0.50	4.85	0.23	
L0001757	0	0.17163E-06	364868.1	3766191.5	0.0	0.50	4.85	0.23	
L0001758	0	0.17163E-06	364862.6	3766197.8	0.0	0.50	4.14	0.23	
L0001759	0	0.17163E-06	364855.0	3766202.5	0.0	0.50	4.14	0.23	
L0001760	0	0.17163E-06	364849.7	3766213.2	0.0	0.50	6.00	0.23	
L0001761	0	0.17163E-06	364846.7	3766226.0	0.0	0.50	6.00	0.23	
L0001762	0	0.17163E-06	364843.7	3766238.5	0.0	0.50	6.00	0.23	
L0001763	0	0.17163E-06	364840.7	3766251.0	0.0	0.50	6.00	0.23	
L0001764	0	0.17163E-06	364870.5	3766181.5	0.0	0.50	3.87	0.23	
L0001765	0	0.17163E-06	364868.1	3766189.5	0.0	0.50	3.87	0.23	
L0001766	0	0.17163E-06	364863.0	3766196.5	0.0	0.50	4.16	0.23	
L0001767	0	0.17163E-06	364856.0	3766202.0	0.0	0.50	4.16	0.23	
L0001768	0	0.17163E-06	364850.9	3766212.8	0.0	0.50	5.80	0.23	
L0001769	0	0.17163E-06	364847.7	3766225.0	0.0	0.50	5.80	0.23	
L0001770	0	0.17163E-06	364844.6	3766237.0	0.0	0.50	5.80	0.23	
L0001771	0	0.17163E-06	364841.5	3766249.0	0.0	0.50	5.80	0.23	
L0001772	0	0.22883E-06	364870.1	3766182.5	0.0	0.50	6.96	0.23	
L0001773	0	0.22883E-06	364866.9	3766197.0	0.0	0.50	6.96	0.23	
L0001774	0	0.22883E-06	364863.6	3766211.5	0.0	0.50	6.96	0.23	
L0001775	0	0.22883E-06	364860.4	3766226.2	0.0	0.50	6.96	0.23	
L0001776	0	0.22883E-06	364857.1	3766241.0	0.0	0.50	6.96	0.23	
L0001777	0	0.22883E-06	364853.9	3766255.5	0.0	0.50	6.96	0.23	
L0001778	0	0.22883E-06	364870.8	3766182.5	0.0	0.50	6.65	0.23	
L0001779	0	0.22883E-06	364867.7	3766196.5	0.0	0.50	6.65	0.23	
L0001780	0	0.22883E-06	364864.6	3766210.2	0.0	0.50	6.65	0.23	
L0001781	0	0.22883E-06	364861.4	3766224.2	0.0	0.50	6.65	0.23	
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0001782	0	0.22883E-06	364858.3	3766238.2	0.0	0.50	6.65	0.23	
L0001783	0	0.22883E-06	364855.2	3766252.2	0.0	0.50	6.65	0.23	
L0001784	0	0.22883E-06	364870.6	3766181.0	0.0	0.50	4.76	0.23	
L0001785	0	0.22883E-06	364868.0	3766190.8	0.0	0.50	4.76	0.23	
L0001786	0	0.22883E-06	364869.3	3766199.2	0.0	0.50	4.26	0.23	
L0001787	0	0.22883E-06	364873.2	3766207.5	0.0	0.50	4.26	0.23	
L0001788	0	0.22883E-06	364872.7	3766221.5	0.0	0.50	6.77	0.23	
L0001789	0	0.22883E-06	364869.7	3766235.8	0.0	0.50	6.77	0.23	
L0001790	0	0.22883E-06	364870.3	3766182.8	0.0	0.50	4.95	0.23	
L0001791	0	0.22883E-06	364866.9	3766192.8	0.0	0.50	4.95	0.23	
L0001792	0	0.22883E-06	364868.5	3766200.0	0.0	0.50	3.95	0.23	
L0001793	0	0.22883E-06	364873.8	3766206.8	0.0	0.50	3.95	0.23	
L0001794	0	0.22883E-06	364873.5	3766220.5	0.0	0.50	6.95	0.23	
L0001795	0	0.22883E-06	364869.9	3766235.0	0.0	0.50	6.95	0.23	
L0001796	0	0.94846E-07	365108.5	3766242.5	0.0	1.83	5.95	0.85	
L0001797	0	0.94846E-07	365095.7	3766243.2	0.0	1.83	5.95	0.85	
L0001798	0	0.94846E-07	365083.0	3766244.0	0.0	1.83	5.95	0.85	
L0001799	0	0.94846E-07	365070.2	3766245.0	0.0	1.83	5.95	0.85	
L0001800	0	0.94846E-07	365057.4	3766245.8	0.0	1.83	5.95	0.85	
L0001801	0	0.94846E-07	365044.7	3766246.5	0.0	1.83	5.95	0.85	
L0001802	0	0.94846E-07	365039.4	3766257.5	0.0	1.83	6.81	0.85	
L0001803	0	0.94846E-07	365047.0	3766265.0	0.0	1.83	5.94	0.85	
L0001804	0	0.94846E-07	365058.6	3766270.2	0.0	1.83	5.94	0.85	
L0001805	0	0.94846E-07	365052.5	3766269.8	0.0	1.83	6.33	0.85	
L0001806	0	0.94846E-07	365039.3	3766266.5	0.0	1.83	6.33	0.85	
L0001807	0	0.94846E-07	365026.1	3766263.2	0.0	1.83	6.33	0.85	
L0001808	0	0.94846E-07	365012.8	3766260.0	0.0	1.83	6.33	0.85	
L0001809	0	0.13700E-06	365015.6	3766260.0	0.0	1.83	6.33	0.85	
L0001810	0	0.13700E-06	365029.2	3766260.0	0.0	1.83	6.33	0.85	
L0001811	0	0.13700E-06	365042.8	3766260.2	0.0	1.83	6.33	0.85	
L0001812	0	0.13700E-06	365056.4	3766260.2	0.0	1.83	6.33	0.85	
L0001813	0	0.13700E-06	365070.0	3766260.5	0.0	1.83	6.33	0.85	

L0001814 0 0.13700E-06 365083.6 3766260.5 0.0 1.83 6.33 0.85 NOxOp.POU.txt
L0001815 0 0.13700E-06 365097.2 3766260.8 0.0 1.83 6.33 0.85
L0001816 0 0.13700E-06 365104.1 3766254.2 0.0 1.83 5.12 0.85
L0001817 0 0.13700E-06 365108.7 3766244.2 0.0 1.83 5.12 0.85
L0001818 0 0.21234E-08 365912.2 3766582.5 0.0 0.50 3.37 0.23
L0001819 0 0.21234E-08 365919.2 3766584.2 0.0 0.50 3.37 0.23
L0001820 0 0.21234E-08 365926.2 3766586.0 0.0 0.50 3.37 0.23
L0001821 0 0.21234E-08 365933.2 3766588.0 0.0 0.50 3.37 0.23
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** VOLUME SOURCE DATA ***

SOURCE NUMBER EMISSION RATE X Y BASE RELEASE INIT. INIT. EMISSION RATE
ID PART. (GRAMS/SEC) (METERS) (METERS) ELEV. HEIGHT SY SZ SCALAR VARY
CATS. (METERS) (METERS) (METERS) (METERS) (METERS) BY
L0001822 0 0.21234E-08 365940.2 3766589.8 0.0 0.50 3.37 0.23
L0001823 0 0.21234E-08 365947.2 3766591.5 0.0 0.50 3.37 0.23
L0001824 0 0.21234E-08 365954.2 3766593.5 0.0 0.50 3.37 0.23
L0001825 0 0.21234E-08 365961.2 3766595.2 0.0 0.50 3.37 0.23
L0001826 0 0.21234E-08 365968.2 3766597.0 0.0 0.50 3.37 0.23
L0001827 0 0.21234E-08 365975.2 3766599.0 0.0 0.50 3.37 0.23
L0001828 0 0.21234E-08 365982.2 3766600.8 0.0 0.50 3.37 0.23
L0001829 0 0.21234E-08 365989.3 3766602.5 0.0 0.50 3.37 0.23
L0001830 0 0.21234E-08 365996.3 3766604.5 0.0 0.50 3.37 0.23
L0001831 0 0.21234E-08 366003.3 3766606.2 0.0 0.50 3.37 0.23
L0001832 0 0.21234E-08 366010.3 3766608.0 0.0 0.50 3.37 0.23
L0001833 0 0.21234E-08 366017.3 3766610.0 0.0 0.50 3.37 0.23
L0001834 0 0.21234E-08 366024.3 3766611.8 0.0 0.50 3.37 0.23
L0001835 0 0.21234E-08 366031.3 3766613.5 0.0 0.50 3.37 0.23
L0001836 0 0.21234E-08 366038.4 3766615.5 0.0 0.50 3.37 0.23
L0001837 0 0.21234E-08 366045.4 3766617.2 0.0 0.50 3.37 0.23
L0001838 0 0.21234E-08 366052.4 3766619.0 0.0 0.50 3.37 0.23
L0001839 0 0.21234E-08 366059.4 3766621.0 0.0 0.50 3.37 0.23
L0001840 0 0.21234E-08 366066.4 3766622.8 0.0 0.50 3.37 0.23
L0001841 0 0.21234E-08 366073.4 3766624.8 0.0 0.50 3.37 0.23
L0001842 0 0.21234E-08 366080.4 3766626.5 0.0 0.50 3.37 0.23
L0001843 0 0.21234E-08 366087.4 3766628.2 0.0 0.50 3.37 0.23
L0001844 0 0.21234E-08 366094.4 3766630.2 0.0 0.50 3.37 0.23
L0001845 0 0.21234E-08 366101.5 3766632.0 0.0 0.50 3.37 0.23
L0001846 0 0.21234E-08 366108.5 3766633.8 0.0 0.50 3.37 0.23
L0001847 0 0.21234E-08 366115.5 3766635.8 0.0 0.50 3.37 0.23
L0001848 0 0.21234E-08 366122.5 3766637.5 0.0 0.50 3.37 0.23
L0001849 0 0.21234E-08 366129.5 3766639.2 0.0 0.50 3.37 0.23
L0001850 0 0.21234E-08 366136.5 3766641.2 0.0 0.50 3.37 0.23
L0001851 0 0.21234E-08 366143.5 3766643.0 0.0 0.50 3.37 0.23
L0001852 0 0.21234E-08 366150.5 3766645.0 0.0 0.50 3.37 0.23
L0001853 0 0.21234E-08 366157.5 3766646.8 0.0 0.50 3.37 0.23
L0001854 0 0.21234E-08 366164.5 3766648.5 0.0 0.50 3.37 0.23
L0001855 0 0.21234E-08 366171.6 3766650.5 0.0 0.50 3.37 0.23
L0001856 0 0.21234E-08 366178.6 3766652.2 0.0 0.50 3.37 0.23
L0001857 0 0.21234E-08 366185.6 3766654.0 0.0 0.50 3.37 0.23
L0001858 0 0.21234E-08 366192.6 3766656.0 0.0 0.50 3.37 0.23
L0001859 0 0.21234E-08 366199.6 3766657.8 0.0 0.50 3.37 0.23
L0001860 0 0.21234E-08 366206.6 3766659.5 0.0 0.50 3.37 0.23
L0001861 0 0.21234E-08 366213.6 3766661.5 0.0 0.50 3.37 0.23
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** VOLUME SOURCE DATA ***

SOURCE NUMBER EMISSION RATE X Y BASE RELEASE INIT. INIT. EMISSION RATE
ID PART. (GRAMS/SEC) (METERS) (METERS) ELEV. HEIGHT SY SZ SCALAR VARY
CATS. (METERS) (METERS) (METERS) (METERS) (METERS) BY
L0001862 0 0.21234E-08 366220.6 3766663.2 0.0 0.50 3.37 0.23
L0001863 0 0.21234E-08 366227.6 3766665.0 0.0 0.50 3.37 0.23
L0001864 0 0.21234E-08 366234.6 3766667.0 0.0 0.50 3.37 0.23
L0001865 0 0.21234E-08 366241.7 3766668.8 0.0 0.50 3.37 0.23
L0001866 0 0.21234E-08 366248.7 3766670.5 0.0 0.50 3.37 0.23
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
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L0001904	0	0.32059E-08	365769.6	3766547.0	0.0	0.50	3.38	0.23	
L0001905	0	0.32059E-08	365762.5	3766545.0	0.0	0.50	3.38	0.23	
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L0001916	0	0.32059E-08	365685.4	3766523.8	0.0	0.50	3.38	0.23	
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L0001920	0	0.32059E-08	365657.3	3766516.0	0.0	0.50	3.38	0.23	
L0001921	0	0.32059E-08	365650.3	3766514.0	0.0	0.50	3.38	0.23	
L0001922	0	0.32059E-08	365643.3	3766512.0	0.0	0.50	3.38	0.23	
L0001923	0	0.32059E-08	365636.3	3766510.0	0.0	0.50	3.38	0.23	
L0001924	0	0.32059E-08	365629.3	3766508.2	0.0	0.50	3.38	0.23	
L0001925	0	0.32059E-08	365622.2	3766506.2	0.0	0.50	3.38	0.23	
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L0001929	0	0.32059E-08	365594.2	3766498.5	0.0	0.50	3.38	0.23	
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L0001937	0	0.32059E-08	365538.1	3766483.0	0.0	0.50	3.38	0.23	
L0001938	0	0.32059E-08	365531.1	3766481.0	0.0	0.50	3.38	0.23	
L0001939	0	0.32059E-08	365524.1	3766479.0	0.0	0.50	3.38	0.23	
L0001940	0	0.32059E-08	365517.1	3766477.0	0.0	0.50	3.38	0.23	
L0001941	0	0.32059E-08	365510.1	3766475.2	0.0	0.50	3.38	0.23	
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
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L0001945	0	0.32059E-08	365482.0	3766467.5	0.0	0.50	3.38	0.23	
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L0001953	0	0.49039E-06	365574.1	3766500.5	0.0	0.50	8.01	0.23	
L0001954	0	0.49039E-06	365590.7	3766505.0	0.0	0.50	8.01	0.23	
L0001955	0	0.49039E-06	365607.2	3766509.5	0.0	0.50	8.01	0.23	
L0001956	0	0.49039E-06	365623.8	3766514.2	0.0	0.50	8.01	0.23	
L0001957	0	0.49039E-06	365640.4	3766518.8	0.0	0.50	8.01	0.23	
L0001958	0	0.49039E-06	365657.0	3766523.2	0.0	0.50	8.01	0.23	
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L0001960	0	0.49039E-06	365690.2	3766532.5	0.0	0.50	8.01	0.23	
L0001961	0	0.49039E-06	365706.8	3766537.0	0.0	0.50	8.01	0.23	
L0001962	0	0.49039E-06	365723.4	3766541.8	0.0	0.50	8.01	0.23	
L0001963	0	0.49039E-06	365740.0	3766546.2	0.0	0.50	8.01	0.23	
L0001964	0	0.51924E-06	365880.2	3766575.0	0.0	0.50	6.93	0.23	
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L0001966	0	0.51924E-06	365850.4	3766575.0	0.0	0.50	6.93	0.23	
L0001967	0	0.51924E-06	365832.9	3766571.5	0.0	0.50	8.35	0.23	
L0001968	0	0.51924E-06	365815.6	3766566.8	0.0	0.50	8.35	0.23	
L0001969	0	0.51924E-06	365798.3	3766562.0	0.0	0.50	8.35	0.23	
L0001970	0	0.51924E-06	365781.0	3766557.5	0.0	0.50	8.35	0.23	
L0001971	0	0.51924E-06	365763.7	3766552.8	0.0	0.50	8.35	0.23	
L0001972	0	0.51924E-06	365746.3	3766548.0	0.0	0.50	8.35	0.23	
L0001973	0	0.51924E-06	365729.0	3766543.5	0.0	0.50	8.35	0.23	
L0001974	0	0.51924E-06	365711.7	3766538.8	0.0	0.50	8.35	0.23	
L0001975	0	0.51924E-06	365694.4	3766534.0	0.0	0.50	8.35	0.23	
L0001976	0	0.51924E-06	365677.0	3766529.5	0.0	0.50	8.35	0.23	
L0001977	0	0.51924E-06	365659.7	3766524.8	0.0	0.50	8.35	0.23	
L0001978	0	0.51924E-06	365642.4	3766520.0	0.0	0.50	8.35	0.23	
L0001979	0	0.51924E-06	365625.1	3766515.2	0.0	0.50	8.35	0.23	
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L0001981	0	0.35308E-06	365898.6	3766579.0	0.0	0.50	2.80	0.23	
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** VOLUME SOURCE DATA ***

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


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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
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L0002025	0	0.31525E-06	366158.7	3766657.0	0.0	0.50	8.21	0.23	
L0002026	0	0.31525E-06	366141.6	3766652.5	0.0	0.50	8.21	0.23	
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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** SOURCE IDS DEFINING SOURCE GROUPS ***

GROUP ID

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L0001910, L0001911, L0001912, L0001913, L0001914, L0001915, L0001916, L0001917, L0001918, L0001919, L0001920, L0001921,
L0001922, L0001923, L0001924, L0001925, L0001926, L0001927, L0001928, L0001929, L0001930, L0001931, L0001932, L0001933,
L0001934, L0001935, L0001936, L0001937, L0001938, L0001939, L0001940, L0001941, L0001942, L0001943, L0001944, L0001945,
L0001946, L0001947, L0001948, L0001949, L0001950, L0001951, L0001952, L0001953, L0001954, L0001955, L0001956, L0001957,
L0001958, L0001959, L0001960, L0001961, L0001962, L0001963, L0001964, L0001965, L0001966, L0001967, L0001968, L0001969,

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L0001970, L0001971, L0001972, L0001973, L0001974, L0001975, L0001976, L0001977, L0001978, L0001979, L0001980, L0001981,
 L0001982, L0001983, L0001984, L0001985, L0001986, L0001987, L0001988, L0001989, L0001990, L0001991, L0001992, L0001993,
 L0001994, L0001995, L0001996, L0001997, L0001998, L0001999, L0002000, L0002001, L0002002, L0002003, L0002004, L0002005,
 L0002006, L0002007, L0002008, L0002009, L0002010, L0002011, L0002012, L0002013, L0002014, L0002015, L0002016, L0002017,
 L0002018, L0002019, L0002020, L0002021, L0002022, L0002023, L0002024, L0002025, L0002026, L0002027, L0002028, L0002029,
 L0002030, L0002031, L0002032, L0002033, FTI

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

(364763.7, 3766123.2,	0.0,	0.0);	(364877.0, 3766157.5,	0.0,	0.0);
(364996.6, 3766189.2,	0.0,	0.0);	(365152.5, 3766233.8,	0.0,	0.0);
(365186.1, 3766252.8,	0.0,	0.0);	(364813.6, 3766040.8,	0.0,	0.0);
(364906.9, 3766067.0,	0.0,	0.0);	(365017.5, 3766096.0,	0.0,	0.0);
(365171.6, 3766136.8,	0.0,	0.0);	(364901.5, 3765939.2,	0.0,	0.0);
(364943.2, 3765956.5,	0.0,	0.0);	(365049.2, 3765981.8,	0.0,	0.0);
(365196.0, 3766026.2,	0.0,	0.0);	(365319.3, 3766299.0,	0.0,	0.0);
(365341.0, 3766259.0,	0.0,	0.0);	(365371.0, 3766205.5,	0.0,	0.0);
(365416.2, 3766100.5,	0.0,	0.0);	(365711.6, 3766502.0,	0.0,	0.0);
(366498.2, 3766709.2,	0.0,	0.0);	(365730.5, 3766430.2,	0.0,	0.0);
(366513.3, 3766637.2,	0.0,	0.0);	(365475.9, 3766363.8,	0.0,	0.0);
(365509.7, 3766271.0,	0.0,	0.0);	(365760.6, 3766338.8,	0.0,	0.0);
(366539.7, 3766543.2,	0.0,	0.0);	(364713.7, 3766142.0,	0.0,	0.0);
(364733.7, 3766142.0,	0.0,	0.0);	(364753.7, 3766142.0,	0.0,	0.0);
(364773.7, 3766142.0,	0.0,	0.0);	(364793.7, 3766142.0,	0.0,	0.0);
(364813.7, 3766142.0,	0.0,	0.0);	(364833.7, 3766142.0,	0.0,	0.0);
(364853.7, 3766142.0,	0.0,	0.0);	(364873.7, 3766142.0,	0.0,	0.0);
(364893.7, 3766142.0,	0.0,	0.0);	(364913.7, 3766142.0,	0.0,	0.0);
(364933.7, 3766142.0,	0.0,	0.0);	(364953.7, 3766142.0,	0.0,	0.0);
(364973.7, 3766142.0,	0.0,	0.0);	(364993.7, 3766142.0,	0.0,	0.0);
(365013.7, 3766142.0,	0.0,	0.0);	(365033.7, 3766142.0,	0.0,	0.0);
(365053.7, 3766142.0,	0.0,	0.0);	(365073.7, 3766142.0,	0.0,	0.0);
(365093.7, 3766142.0,	0.0,	0.0);	(365113.7, 3766142.0,	0.0,	0.0);
(365133.7, 3766142.0,	0.0,	0.0);	(365153.7, 3766142.0,	0.0,	0.0);
(365173.7, 3766142.0,	0.0,	0.0);	(365193.7, 3766142.0,	0.0,	0.0);
(365213.7, 3766142.0,	0.0,	0.0);	(365233.7, 3766142.0,	0.0,	0.0);
(365253.7, 3766142.0,	0.0,	0.0);	(365273.7, 3766142.0,	0.0,	0.0);
(365293.7, 3766142.0,	0.0,	0.0);	(365313.7, 3766142.0,	0.0,	0.0);
(365333.7, 3766142.0,	0.0,	0.0);	(365353.7, 3766142.0,	0.0,	0.0);
(365373.7, 3766142.0,	0.0,	0.0);	(365393.7, 3766142.0,	0.0,	0.0);
(365413.7, 3766142.0,	0.0,	0.0);	(365433.7, 3766142.0,	0.0,	0.0);
(365453.7, 3766142.0,	0.0,	0.0);	(365473.7, 3766142.0,	0.0,	0.0);
(365493.7, 3766142.0,	0.0,	0.0);	(365513.7, 3766142.0,	0.0,	0.0);
(365533.7, 3766142.0,	0.0,	0.0);	(365553.7, 3766142.0,	0.0,	0.0);
(365573.7, 3766142.0,	0.0,	0.0);	(365593.7, 3766142.0,	0.0,	0.0);
(365613.7, 3766142.0,	0.0,	0.0);	(365633.7, 3766142.0,	0.0,	0.0);
(365653.7, 3766142.0,	0.0,	0.0);	(365673.7, 3766142.0,	0.0,	0.0);
(365693.7, 3766142.0,	0.0,	0.0);	(365713.7, 3766142.0,	0.0,	0.0);
(365733.7, 3766142.0,	0.0,	0.0);	(365753.7, 3766142.0,	0.0,	0.0);
(365773.7, 3766142.0,	0.0,	0.0);	(365793.7, 3766142.0,	0.0,	0.0);
(365813.7, 3766142.0,	0.0,	0.0);	(365833.7, 3766142.0,	0.0,	0.0);
(365853.7, 3766142.0,	0.0,	0.0);	(365873.7, 3766142.0,	0.0,	0.0);
(365893.7, 3766142.0,	0.0,	0.0);	(365913.7, 3766142.0,	0.0,	0.0);
(365933.7, 3766142.0,	0.0,	0.0);	(365953.7, 3766142.0,	0.0,	0.0);
(365973.7, 3766142.0,	0.0,	0.0);	(365993.7, 3766142.0,	0.0,	0.0);

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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

(366013.7, 3766142.0,	0.0,	0.0);	(366033.7, 3766142.0,	0.0,	0.0);
(366053.7, 3766142.0,	0.0,	0.0);	(366073.7, 3766142.0,	0.0,	0.0);
(366093.7, 3766142.0,	0.0,	0.0);	(366113.7, 3766142.0,	0.0,	0.0);
(366133.7, 3766142.0,	0.0,	0.0);	(366153.7, 3766142.0,	0.0,	0.0);
(366173.7, 3766142.0,	0.0,	0.0);	(366193.7, 3766142.0,	0.0,	0.0);
(366213.7, 3766142.0,	0.0,	0.0);	(366233.7, 3766142.0,	0.0,	0.0);
(366253.7, 3766142.0,	0.0,	0.0);	(366273.7, 3766142.0,	0.0,	0.0);
(366293.7, 3766142.0,	0.0,	0.0);	(366313.7, 3766142.0,	0.0,	0.0);
(366333.7, 3766142.0,	0.0,	0.0);	(366353.7, 3766142.0,	0.0,	0.0);
(366373.7, 3766142.0,	0.0,	0.0);	(366393.7, 3766142.0,	0.0,	0.0);
(366413.7, 3766142.0,	0.0,	0.0);	(366433.7, 3766142.0,	0.0,	0.0);
(366453.7, 3766142.0,	0.0,	0.0);	(366473.7, 3766142.0,	0.0,	0.0);
(366493.7, 3766142.0,	0.0,	0.0);	(364713.7, 3766162.0,	0.0,	0.0);
(364733.7, 3766162.0,	0.0,	0.0);	(364753.7, 3766162.0,	0.0,	0.0);
(364773.7, 3766162.0,	0.0,	0.0);	(364793.7, 3766162.0,	0.0,	0.0);
(364813.7, 3766162.0,	0.0,	0.0);	(364833.7, 3766162.0,	0.0,	0.0);
(364853.7, 3766162.0,	0.0,	0.0);	(364873.7, 3766162.0,	0.0,	0.0);
(364893.7, 3766162.0,	0.0,	0.0);	(364913.7, 3766162.0,	0.0,	0.0);
(364933.7, 3766162.0,	0.0,	0.0);	(364953.7, 3766162.0,	0.0,	0.0);
(364973.7, 3766162.0,	0.0,	0.0);	(364993.7, 3766162.0,	0.0,	0.0);
(365013.7, 3766162.0,	0.0,	0.0);	(365033.7, 3766162.0,	0.0,	0.0);
(365053.7, 3766162.0,	0.0,	0.0);	(365073.7, 3766162.0,	0.0,	0.0);
(365093.7, 3766162.0,	0.0,	0.0);	(365113.7, 3766162.0,	0.0,	0.0);
(365133.7, 3766162.0,	0.0,	0.0);	(365153.7, 3766162.0,	0.0,	0.0);
(365173.7, 3766162.0,	0.0,	0.0);	(365193.7, 3766162.0,	0.0,	0.0);
(365213.7, 3766162.0,	0.0,	0.0);	(365233.7, 3766162.0,	0.0,	0.0);
(365253.7, 3766162.0,	0.0,	0.0);	(365273.7, 3766162.0,	0.0,	0.0);
(365293.7, 3766162.0,	0.0,	0.0);	(365313.7, 3766162.0,	0.0,	0.0);
(365333.7, 3766162.0,	0.0,	0.0);	(365353.7, 3766162.0,	0.0,	0.0);
(365373.7, 3766162.0,	0.0,	0.0);	(365393.7, 3766162.0,	0.0,	0.0);
(365413.7, 3766162.0,	0.0,	0.0);	(365433.7, 3766162.0,	0.0,	0.0);
(365453.7, 3766162.0,	0.0,	0.0);	(365473.7, 3766162.0,	0.0,	0.0);
(365493.7, 3766162.0,	0.0,	0.0);	(365513.7, 3766162.0,	0.0,	0.0);
(365533.7, 3766162.0,	0.0,	0.0);	(365553.7, 3766162.0,	0.0,	0.0);
(365573.7, 3766162.0,	0.0,	0.0);	(365593.7, 3766162.0,	0.0,	0.0);
(365613.7, 3766162.0,	0.0,	0.0);	(365633.7, 3766162.0,	0.0,	0.0);
(365653.7, 3766162.0,	0.0,	0.0);	(365673.7, 3766162.0,	0.0,	0.0);
(365693.7, 3766162.0,	0.0,	0.0);	(365713.7, 3766162.0,	0.0,	0.0);
(365733.7, 3766162.0,	0.0,	0.0);	(365753.7, 3766162.0,	0.0,	0.0);
(365773.7, 3766162.0,	0.0,	0.0);	(365793.7, 3766162.0,	0.0,	0.0);
(365813.7, 3766162.0,	0.0,	0.0);	(365833.7, 3766162.0,	0.0,	0.0);

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

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

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URBAN FLAT DFAULT

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URBAN FLAT DFAULT

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DFAULT

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

DEFAULT

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

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(365136.6, 3766369.2, 0.0, 0.0); (364719.8, 3766265.8, 0.0, 0.0);
(366491.1, 3766752.5, 0.0, 0.0); (366496.3, 3766728.2, 0.0, 0.0);
(365453.5, 3766452.0, 0.0, 0.0); (365450.0, 3766474.5, 0.0, 0.0);
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR XR (METERS)	LOCATION -- YR (METERS)	DISTANCE (METERS)
L0001747	364833.7	3766242.0	-1.86
L0001749	364853.7	3766202.0	-3.63
L0001749	364853.7	3766222.0	-1.29
L0001750	364853.7	3766222.0	-11.28
L0001751	364853.7	3766242.0	-7.41
L0001752	364853.7	3766242.0	-4.59
L0001752	364853.7	3766262.0	0.03
L0001753	364873.7	3766222.0	-1.01
L0001754	364873.7	3766222.0	-0.48
L0001756	364873.7	3766182.0	-7.85
L0001757	364873.7	3766182.0	0.58
L0001759	364853.7	3766202.0	-7.47
L0001760	364853.7	3766202.0	-0.96
L0001760	364853.7	3766222.0	-3.28
L0001761	364833.7	3766222.0	0.70
L0001761	364853.7	3766222.0	-4.84
L0001762	364833.7	3766242.0	-2.28
L0001762	364853.7	3766242.0	-2.33
L0001763	364833.7	3766242.0	-1.46
L0001763	364833.7	3766262.0	0.17
L0001764	364873.7	3766182.0	-5.12
L0001767	364853.7	3766202.0	-6.57
L0001768	364853.7	3766202.0	-1.37
L0001768	364853.7	3766222.0	-2.82
L0001769	364853.7	3766222.0	-5.82
L0001770	364833.7	3766242.0	-0.44
L0001770	364853.7	3766242.0	-2.12
L0001771	364833.7	3766242.0	-1.98
L0001772	364873.7	3766182.0	-11.37
L0001773	364853.7	3766202.0	-0.83
L0001773	364873.7	3766202.0	-6.54
L0001774	364853.7	3766202.0	-1.19
L0001774	364873.7	3766202.0	-1.15
L0001774	364853.7	3766222.0	-0.49
L0001774	364873.7	3766222.0	-0.44
L0001775	364853.7	3766222.0	-7.01
L0001775	364873.7	3766222.0	-1.02
L0001776	364853.7	3766242.0	-11.35
L0001777	364853.7	3766242.0	-1.46
L0001777	364853.7	3766262.0	-8.46

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR XR (METERS)	LOCATION -- YR (METERS)	DISTANCE (METERS)
L0001778	364873.7	3766182.0	-11.35
L0001779	364853.7	3766202.0	0.74
L0001779	364873.7	3766202.0	-6.16
L0001780	364853.7	3766202.0	-0.62
L0001780	364873.7	3766202.0	-2.02
L0001780	364873.7	3766222.0	0.56
L0001781	364853.7	3766222.0	-6.20
L0001781	364873.7	3766222.0	-1.87
L0001782	364853.7	3766242.0	-8.29
L0001783	364853.7	3766242.0	-3.93
L0001783	364853.7	3766262.0	-4.42
L0001784	364873.7	3766182.0	-7.01
L0001785	364873.7	3766182.0	0.20
L0001786	364873.7	3766202.0	-3.99
L0001787	364873.7	3766202.0	-3.64
L0001788	364873.7	3766222.0	-13.47
L0001789	364873.7	3766222.0	-0.24
L0001789	364873.7	3766242.0	-7.15
L0001790	364873.7	3766182.0	-7.25
L0001791	364873.7	3766202.0	0.83
L0001792	364873.7	3766202.0	-2.99
L0001793	364873.7	3766202.0	-3.74
L0001794	364873.7	3766222.0	-13.43
L0001795	364873.7	3766222.0	-1.40
L0001795	364873.7	3766242.0	-6.99
L0001796	365113.7	3766242.0	-7.58
L0001797	365093.7	3766242.0	-10.41
L0001798	365073.7	3766242.0	-3.27
L0001798	365093.7	3766242.0	-1.92
L0001799	365073.7	3766242.0	-8.21
L0001800	365053.7	3766242.0	-7.47
L0001801	365033.7	3766242.0	-0.91
L0001801	365053.7	3766242.0	-2.73
L0001802	365033.7	3766262.0	-7.34
L0001802	365053.7	3766262.0	0.30
L0001803	365033.7	3766262.0	0.91
L0001803	365053.7	3766262.0	-5.47
L0001804	365053.7	3766262.0	-3.17
L0001804	365053.7	3766282.0	-0.04
L0001805	365053.7	3766262.0	-5.77

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR XR (METERS)	LOCATION -- YR (METERS)	NOxOp.POU.txt DISTANCE (METERS)
L0001805	365053.7	3766282.0	-1.31
L0001806	365033.7	3766262.0	-6.41
L0001807	365013.7	3766262.0	-1.14
L0001807	365033.7	3766262.0	-5.91
L0001808	365013.7	3766262.0	-11.45
L0001809	365013.7	3766262.0	-10.82
L0001810	365033.7	3766262.0	-8.71
L0001811	365033.7	3766262.0	-4.29
L0001811	365053.7	3766262.0	-2.63
L0001812	365053.7	3766262.0	-10.35
L0001813	365073.7	3766262.0	-9.66
L0001814	365073.7	3766262.0	-3.56
L0001814	365093.7	3766262.0	-3.44
L0001815	365093.7	3766262.0	-9.83
L0001817	365113.7	3766242.0	-5.55
L0001818	365913.7	3766582.0	-5.66
L0001819	365913.7	3766582.0	-1.27
L0001821	365933.7	3766582.0	-1.23
L0001826	365973.7	3766602.0	0.12
L0001827	365973.7	3766602.0	-3.85
L0001829	365993.7	3766602.0	-2.84
L0001830	365993.7	3766602.0	-3.62
L0001832	366013.7	3766602.0	-0.38
L0001836	366033.7	3766622.0	0.79
L0001838	366053.7	3766622.0	-3.98
L0001839	366053.7	3766622.0	-1.41
L0001840	366073.7	3766622.0	0.04
L0001841	366073.7	3766622.0	-4.48
L0001842	366073.7	3766622.0	0.89
L0001847	366113.7	3766642.0	-0.74
L0001849	366133.7	3766642.0	-2.26
L0001850	366133.7	3766642.0	-4.30
L0001852	366153.7	3766642.0	-2.91
L0001853	366153.7	3766642.0	-1.12
L0001858	366193.7	3766662.0	-1.15
L0001859	366193.7	3766662.0	0.06
L0001860	366213.7	3766662.0	0.25
L0001861	366213.7	3766662.0	-6.74
L0001862	366213.7	3766662.0	-0.17
L0001863	366233.7	3766662.0	-0.51

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR XR (METERS)	LOCATION -- YR (METERS)	DISTANCE (METERS)
L0001864	366233.7	3766662.0	-2.15
L0001869	366273.7	3766682.0	-0.05
L0001870	366273.7	3766682.0	-2.23
L0001872	366293.7	3766682.0	-4.27
L0001873	366293.7	3766682.0	-2.91
L0001875	366313.7	3766682.0	-1.89
L0001881	366353.7	3766702.0	-3.24
L0001882	366353.7	3766702.0	0.22
L0001883	366373.7	3766702.0	-1.43
L0001884	366373.7	3766702.0	-5.33
L0001886	366393.7	3766702.0	-0.14
L0001887	366393.7	3766702.0	0.10
L0001890	366413.7	3766722.0	0.93
L0001892	366433.7	3766722.0	-2.61
L0001893	366433.7	3766722.0	-2.62
L0001895	365833.7	3766562.0	-4.57
L0001896	365833.7	3766562.0	0.75
L0001897	365813.7	3766562.0	-2.08
L0001898	365813.7	3766562.0	-3.22
L0001900	365793.7	3766562.0	0.98
L0001903	365773.7	3766542.0	0.31
L0001904	365773.7	3766542.0	-0.80
L0001906	365753.7	3766542.0	-5.14
L0001907	365753.7	3766542.0	-2.06
L0001909	365733.7	3766542.0	-2.44
L0001914	365693.7	3766522.0	0.71
L0001915	365693.7	3766522.0	-3.31
L0001917	365673.7	3766522.0	-2.51
L0001918	365673.7	3766522.0	-4.06
L0001920	365653.7	3766522.0	-0.22
L0001924	365633.7	3766502.0	0.36
L0001926	365613.7	3766502.0	-4.51
L0001927	365613.7	3766502.0	-1.84
L0001928	365593.7	3766502.0	0.44
L0001929	365593.7	3766502.0	-3.72
L0001935	365553.7	3766482.0	-2.28
L0001937	365533.7	3766482.0	-2.72
L0001938	365533.7	3766482.0	-4.52
L0001940	365513.7	3766482.0	-1.22
L0001941	365513.7	3766482.0	0.38

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR XR (METERS)	LOCATION -- YR (METERS)	DISTANCE (METERS)
L0001946	365453.7	3766462.0	0.07
L0001946	365473.7	3766462.0	-0.87
L0001947	365473.7	3766462.0	-1.39
L0001947	365473.7	3766482.0	-1.88
L0001948	365493.7	3766462.0	-1.51
L0001948	365473.7	3766482.0	0.76
L0001948	365493.7	3766482.0	-12.03
L0001949	365493.7	3766482.0	-3.22

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L0001949	365513.7	3766482.0	-11.22
L0001950	365513.7	3766482.0	-5.61
L0001950	365533.7	3766482.0	-6.68
L0001950	365533.7	3766502.0	0.70
L0001951	365533.7	3766482.0	-5.49
L0001951	365553.7	3766482.0	-1.44
L0001951	365533.7	3766502.0	-4.27
L0001951	365553.7	3766502.0	-0.52
L0001952	365553.7	3766482.0	-2.71
L0001952	365553.7	3766502.0	-10.11
L0001952	365573.7	3766502.0	0.04
L0001953	365573.7	3766502.0	-15.67
L0001954	365573.7	3766502.0	0.04
L0001954	365593.7	3766502.0	-12.98
L0001954	365593.7	3766522.0	0.04
L0001955	365593.7	3766502.0	-1.70
L0001955	365613.7	3766502.0	-7.36
L0001955	365613.7	3766522.0	-3.18
L0001956	365613.7	3766502.0	-1.29
L0001956	365633.7	3766502.0	-1.53
L0001956	365613.7	3766522.0	-4.42
L0001956	365633.7	3766522.0	-4.72
L0001957	365633.7	3766502.0	0.85
L0001957	365633.7	3766522.0	-9.70
L0001957	365653.7	3766522.0	-3.61
L0001958	365653.7	3766522.0	-13.62
L0001958	365673.7	3766522.0	-0.55
L0001959	365673.7	3766522.0	-11.22
L0001959	365673.7	3766542.0	-3.22
L0001960	365693.7	3766522.0	-6.17
L0001960	365693.7	3766542.0	-7.12
L0001961	365713.7	3766522.0	-0.75

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**MODELOPTS: CONC URBAN FLAT DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0001961	365693.7	3766542.0	-3.12
L0001961	365713.7	3766542.0	-8.77
L0001962	365713.7	3766542.0	-7.44
L0001962	365733.7	3766542.0	-7.00
L0001963	365733.7	3766542.0	-9.56
L0001963	365753.7	3766542.0	-2.95
L0001963	365733.7	3766562.0	-0.23
L0001964	365873.7	3766562.0	-0.35
L0001964	365873.7	3766582.0	-5.33
L0001964	365893.7	3766582.0	0.28
L0001965	365873.7	3766562.0	0.55
L0001965	365853.7	3766582.0	-1.30
L0001965	365873.7	3766582.0	-4.01
L0001966	365853.7	3766562.0	-1.50
L0001966	365853.7	3766582.0	-7.18
L0001967	365833.7	3766562.0	-8.43
L0001967	365833.7	3766582.0	-7.43
L0001968	365813.7	3766562.0	-12.82
L0001968	365833.7	3766562.0	0.72
L0001968	365813.7	3766582.0	-2.58
L0001969	365793.7	3766562.0	-13.33
L0001969	365813.7	3766562.0	-2.58
L0001970	365773.7	3766542.0	-0.81
L0001970	365773.7	3766562.0	-9.37
L0001970	365793.7	3766562.0	-4.49
L0001971	365753.7	3766542.0	-3.27
L0001971	365773.7	3766542.0	-3.27
L0001971	365753.7	3766562.0	-4.33
L0001971	365773.7	3766562.0	-4.33
L0001972	365733.7	3766542.0	-3.92
L0001972	365753.7	3766542.0	-8.49
L0001972	365733.7	3766562.0	0.94
L0001972	365753.7	3766562.0	-2.16
L0001973	365713.7	3766542.0	-2.54
L0001973	365733.7	3766542.0	-13.06
L0001974	365713.7	3766522.0	-1.09
L0001974	365693.7	3766542.0	0.37
L0001974	365713.7	3766542.0	-14.15
L0001975	365693.7	3766522.0	-5.93
L0001975	365693.7	3766542.0	-9.92

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**MODELOPTS: CONC URBAN FLAT DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0001976	365673.7	3766522.0	-9.73
L0001976	365693.7	3766522.0	0.29
L0001976	365673.7	3766542.0	-5.00
L0001977	365653.7	3766522.0	-11.30
L0001977	365673.7	3766522.0	-3.75
L0001977	365653.7	3766542.0	0.33
L0001978	365633.7	3766522.0	-8.98
L0001978	365653.7	3766522.0	-6.53
L0001979	365613.7	3766502.0	-0.47
L0001979	365633.7	3766502.0	-2.16
L0001979	365613.7	3766522.0	-4.70
L0001979	365633.7	3766522.0	-7.02
L0001980	365593.7	3766502.0	-1.49
L0001980	365613.7	3766502.0	-7.60
L0001980	365593.7	3766522.0	0.24
L0001980	365613.7	3766522.0	-5.02
L0001981	365893.7	3766582.0	-0.24
L0001983	365913.7	3766582.0	-7.75
L0001983	365913.7	3766602.0	-7.75
L0001984	365933.7	3766582.0	-3.29

L0001984 365933.7 3766602.0 NOxOp.POU.txt
 L0001985 365933.7 3766602.0 -12.79
 L0001985 365953.7 3766602.0 -0.75
 L0001985 365953.7 3766602.0 -15.27
 L0001986 365953.7 3766602.0 -2.79
 L0001986 365973.7 3766602.0 -11.41
 L0001986 365973.7 3766622.0 -1.19
 L0001987 365973.7 3766602.0 -3.23
 L0001987 365993.7 3766602.0 -6.45
 L0001987 365973.7 3766622.0 -1.33
 L0001987 365993.7 3766622.0 -4.10
 L0001988 365993.7 3766602.0 -1.72
 L0001988 366013.7 3766602.0 -1.15
 L0001988 365993.7 3766622.0 -6.36
 L0001988 366013.7 3766622.0 -5.58
 L0001989 366013.7 3766622.0 -10.79
 L0001989 366033.7 3766622.0 -4.85
 L0001990 366033.7 3766622.0 -12.97
 L0001990 366053.7 3766622.0 -2.25
 L0001990 366033.7 3766642.0 0.01
 L0001991 366053.7 3766622.0 -10.80

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
 LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0001991	366053.7	3766642.0	-4.91
L0001992	366073.7	3766622.0	-6.27
L0001992	366073.7	3766642.0	-9.76
L0001993	366093.7	3766622.0	-1.46
L0001993	366073.7	3766642.0	-0.90
L0001993	366093.7	3766642.0	-13.06
L0001994	366093.7	3766642.0	-3.88
L0001994	366113.7	3766642.0	-12.08
L0001995	366113.7	3766642.0	-5.23
L0001995	366133.7	3766642.0	-7.97
L0001995	366113.7	3766662.0	0.51
L0001995	366133.7	3766662.0	-1.26
L0001996	366133.7	3766642.0	-4.40
L0001996	366153.7	3766642.0	-3.00
L0001996	366133.7	3766662.0	-4.77
L0001996	366153.7	3766662.0	-3.34
L0001997	366153.7	3766642.0	-1.94
L0001997	366153.7	3766662.0	-9.73
L0001997	366173.7	3766662.0	-3.50
L0001998	366173.7	3766662.0	-14.16
L0001998	366193.7	3766662.0	-1.87
L0001999	366193.7	3766662.0	-13.84
L0001999	366193.7	3766682.0	-1.99
L0002000	366213.7	3766662.0	-9.20
L0002000	366213.7	3766682.0	-6.72
L0002001	366233.7	3766662.0	-4.24
L0002001	366213.7	3766682.0	-0.53
L0002001	366233.7	3766682.0	-10.27
L0002002	366233.7	3766682.0	-4.33
L0002002	366253.7	3766682.0	-11.30
L0002003	366253.7	3766682.0	-6.76
L0002003	366273.7	3766682.0	-8.70
L0002004	366273.7	3766682.0	-6.91
L0002004	366293.7	3766682.0	-4.39
L0002004	366273.7	3766702.0	-2.75
L0002004	366293.7	3766702.0	-0.83
L0002005	366293.7	3766682.0	-4.92
L0002005	366313.7	3766682.0	0.36
L0002005	366293.7	3766702.0	-7.93
L0002005	366313.7	3766702.0	-1.65

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
 LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0002006	366473.7	3766722.0	-2.26
L0002006	366493.7	3766722.0	-0.60
L0002006	366473.7	3766742.0	-4.14
L0002006	366493.7	3766742.0	-2.26
L0002006	366496.3	3766728.2	-1.73
L0002007	366453.7	3766722.0	-0.67
L0002007	366473.7	3766722.0	-3.88
L0002007	366453.7	3766742.0	-0.67
L0002007	366473.7	3766742.0	-3.88
L0002008	366453.7	3766722.0	-6.57
L0002008	366453.7	3766742.0	-4.73
L0002009	366433.7	3766722.0	-11.96
L0002009	366433.7	3766742.0	-3.08
L0002010	366413.7	3766722.0	-15.90
L0002010	366433.7	3766722.0	0.94
L0002011	366393.7	3766702.0	-0.59
L0002011	366393.7	3766722.0	-12.07
L0002011	366413.7	3766722.0	-1.61
L0002012	366373.7	3766702.0	-3.42
L0002012	366393.7	3766702.0	0.03
L0002012	366373.7	3766722.0	-7.04
L0002012	366393.7	3766722.0	-2.73
L0002013	366353.7	3766702.0	-4.85
L0002013	366373.7	3766702.0	-5.15
L0002013	366353.7	3766722.0	-1.72
L0002013	366373.7	3766722.0	-1.96
L0002014	366333.7	3766702.0	-4.13
L0002014	366353.7	3766702.0	-9.88
L0002014	366353.7	3766722.0	0.25
L0002015	366313.7	3766702.0	-1.65
L0002015	366333.7	3766702.0	-13.50
L0002016	366313.7	3766682.0	-3.11

**MODELOPTS: CONC URBAN FLAT DFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE	- - RECEPTOR	LOCATION - -	DISTANCE
ID	XR (METERS)	YR (METERS)	(METERS)
L0002020	366233.7	3766682.0	-6.76
L0002020	366253.7	3766682.0	-7.66
L0002021	366213.7	3766662.0	0.68
L0002021	366233.7	3766662.0	-3.55
L0002021	366213.7	3766682.0	-2.29
L0002021	366233.7	3766682.0	-7.67
L0002022	366193.7	3766662.0	0.63
L0002022	366213.7	3766662.0	-8.61
L0002022	366213.7	3766682.0	-5.34
L0002023	366193.7	3766662.0	-13.82
L0002023	366193.7	3766682.0	-1.38
L0002024	366173.7	3766662.0	-15.50
L0002024	366193.7	3766662.0	0.26
L0002025	366153.7	3766642.0	-1.84
L0002025	366153.7	3766662.0	-10.58
L0002025	366173.7	3766662.0	-1.84
L0002026	366133.7	3766642.0	-4.51
L0002026	366153.7	3766642.0	-1.64
L0002026	366133.7	3766662.0	-5.29
L0002026	366153.7	3766662.0	-2.27
L0002027	366113.7	3766642.0	-5.16
L0002027	366133.7	3766642.0	-6.54
L0002027	366113.7	3766662.0	-0.16
L0002027	366133.7	3766662.0	-1.11
L0002028	366093.7	3766642.0	-3.82
L0002028	366113.7	3766642.0	-11.13
L0002029	366093.7	3766622.0	0.17
L0002029	366073.7	3766642.0	-0.84
L0002029	366093.7	3766642.0	-13.45
L0002030	366073.7	3766622.0	-4.64
L0002030	366073.7	3766642.0	-10.64
L0002031	366053.7	3766622.0	-8.81
L0002031	366053.7	3766642.0	-5.90
L0002032	366033.7	3766622.0	-10.82
L0002032	366053.7	3766622.0	-2.39
L0002032	366033.7	3766642.0	-1.02
L0002033	366013.7	3766622.0	-9.40
L0002033	366033.7	3766622.0	-5.90

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**MODELOPTS: CONC URBAN FLAT DFAULT
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*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

[illegible]

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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**MODELOPTS: CONC URBAN FLAT DFAULT
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*** THE FIRST 24 HOURS OF METEOROLOGICAL DATA *** NoxOp.POU.txt

FILE: C:\AERMOD~1\METDAT~1\WESTLA.ASC FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,f9.4,f10.1,f8.4,i4,f7.2)
 SURFACE STATION NO.: 52158 UPPER AIR STATION NO.: 91919
 NAME: UNKNOWN NAME: UNKNOWN
 YEAR: 1981 YEAR: 1981

YEAR	MONTH	DAY	HOUR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-O (M)	IPCODE	PRATE (mm/HR)
81	1	1	1	67.3	1.00	285.9	7	387.1	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	2	79.9	1.00	286.5	7	397.2	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	3	62.5	1.00	285.9	6	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	4	98.5	1.00	285.9	5	417.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	5	354.0	1.00	285.4	4	427.4	427.4	0.0000	0.0	0.0000	0	0.00
81	1	1	6	139.5	1.00	283.7	5	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	7	94.5	1.00	283.7	6	447.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	8	112.2	1.00	284.3	5	70.1	201.5	0.0000	0.0	0.0000	0	0.00
81	1	1	9	186.5	1.00	287.0	4	144.7	254.3	0.0000	0.0	0.0000	0	0.00
81	1	1	10	256.6	1.00	291.5	3	219.4	307.0	0.0000	0.0	0.0000	0	0.00
81	1	1	11	314.1	1.00	294.8	2	294.0	359.8	0.0000	0.0	0.0000	0	0.00
81	1	1	12	35.6	2.68	290.9	3	368.7	412.5	0.0000	0.0	0.0000	0	0.00
81	1	1	13	64.7	2.24	289.8	3	443.3	465.3	0.0000	0.0	0.0000	0	0.00
81	1	1	14	34.2	2.24	290.4	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	15	44.8	1.34	290.4	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	16	53.2	1.79	289.3	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	17	42.6	0.00	288.1	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	18	30.1	1.00	287.6	5	518.0	468.5	0.0000	0.0	0.0000	0	0.00
81	1	1	19	20.5	0.00	287.0	6	518.0	425.9	0.0000	0.0	0.0000	0	0.00
81	1	1	20	55.7	1.00	287.0	7	518.0	383.4	0.0000	0.0	0.0000	0	0.00
81	1	1	21	43.6	0.00	287.6	7	518.0	340.8	0.0000	0.0	0.0000	0	0.00
81	1	1	22	137.0	1.00	287.0	7	518.0	298.2	0.0000	0.0	0.0000	0	0.00
81	1	1	23	90.7	1.00	286.5	7	518.0	255.6	0.0000	0.0	0.0000	0	0.00
81	1	1	24	67.2	1.00	286.5	6	518.0	213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.
 FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
 L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
 L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364763.69	3766123.25	0.00035	364877.00	3766157.50	0.00248
364996.62	3766189.25	0.00089	365152.53	3766233.75	0.00117
365186.06	3766252.75	0.00126	364813.56	3766040.75	0.00015
364906.91	3766067.00	0.00031	365017.50	3766096.00	0.00047
365171.56	3766136.75	0.00062	364901.47	3765939.25	0.00011
364943.16	3765956.50	0.00016	365049.19	3765981.75	0.00030
365196.03	3766026.25	0.00045	365319.28	3766299.00	0.00098
365341.03	3766259.00	0.00084	365370.97	3766205.50	0.00062
365416.25	3766100.50	0.00034	365711.59	3766502.00	0.00323
366498.19	3766709.25	0.00138	365730.53	3766430.25	0.00093
366513.31	3766637.25	0.00054	365475.88	3766363.75	0.00071
365509.72	3766271.00	0.00058	365760.62	3766338.75	0.00053
366539.66	3766543.25	0.00033	364713.66	3766142.00	0.00041
364733.66	3766142.00	0.00043	364753.66	3766142.00	0.00046
364773.66	3766142.00	0.00048	364793.66	3766142.00	0.00049
364813.66	3766142.00	0.00051	364833.66	3766142.00	0.00055
364853.66	3766142.00	0.00072	364873.66	3766142.00	0.00116
364893.66	3766142.00	0.00143	364913.66	3766142.00	0.00139
364933.66	3766142.00	0.00112	364953.66	3766142.00	0.00086
364973.66	3766142.00	0.00068	364993.66	3766142.00	0.00059
365013.66	3766142.00	0.00055	365033.66	3766142.00	0.00052
365053.66	3766142.00	0.00050	365073.66	3766142.00	0.00050
365093.66	3766142.00	0.00054	365113.66	3766142.00	0.00060
365133.66	3766142.00	0.00063	365153.66	3766142.00	0.00063
365173.66	3766142.00	0.00062	365193.66	3766142.00	0.00060
365213.66	3766142.00	0.00057	365233.66	3766142.00	0.00055
365253.66	3766142.00	0.00053	365273.66	3766142.00	0.00050
365293.66	3766142.00	0.00048	365313.66	3766142.00	0.00046
365333.66	3766142.00	0.00044	365353.66	3766142.00	0.00043
365373.66	3766142.00	0.00041	365393.66	3766142.00	0.00040
365413.66	3766142.00	0.00039	365433.66	3766142.00	0.00038
365453.66	3766142.00	0.00037	365473.66	3766142.00	0.00036
365493.66	3766142.00	0.00036	365513.66	3766142.00	0.00035
365533.66	3766142.00	0.00035	365553.66	3766142.00	0.00034
365573.66	3766142.00	0.00033	365593.66	3766142.00	0.00033
365613.66	3766142.00	0.00033	365633.66	3766142.00	0.00032
365653.66	3766142.00	0.00032	365673.66	3766142.00	0.00031
365693.66	3766142.00	0.00031	365713.66	3766142.00	0.00031
365733.66	3766142.00	0.00030	365753.66	3766142.00	0.00030
365773.66	3766142.00	0.00030	365793.66	3766142.00	0.00029

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
 L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
 L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365813.66	3766142.00	0.00029	365833.66	3766142.00	0.00029
365853.66	3766142.00	0.00028	365873.66	3766142.00	0.00028
365893.66	3766142.00	0.00027	365913.66	3766142.00	0.00027
365933.66	3766142.00	0.00027	365953.66	3766142.00	0.00026
365973.66	3766142.00	0.00026	365993.66	3766142.00	0.00026
366013.66	3766142.00	0.00025	366033.66	3766142.00	0.00025

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366053.66	3766142.00	0.00024	366073.66	3766142.00	0.00024		
366093.66	3766142.00	0.00024	366113.66	3766142.00	0.00023		
366133.66	3766142.00	0.00023	366153.66	3766142.00	0.00022		
366173.66	3766142.00	0.00022	366193.66	3766142.00	0.00022		
366213.66	3766142.00	0.00021	366233.66	3766142.00	0.00021		
366253.66	3766142.00	0.00021	366273.66	3766142.00	0.00020		
366293.66	3766142.00	0.00020	366313.66	3766142.00	0.00020		
366333.66	3766142.00	0.00019	366353.66	3766142.00	0.00019		
366373.66	3766142.00	0.00019	366393.66	3766142.00	0.00018		
366413.66	3766142.00	0.00018	366433.66	3766142.00	0.00018		
366453.66	3766142.00	0.00017	366473.66	3766142.00	0.00017		
366493.66	3766142.00	0.00017	364713.66	3766162.00	0.00051		
364733.66	3766162.00	0.00055	364753.66	3766162.00	0.00061		
364773.66	3766162.00	0.00068	364793.66	3766162.00	0.00076		
364813.66	3766162.00	0.00087	364833.66	3766162.00	0.00105		
364853.66	3766162.00	0.00143	364873.66	3766162.00	0.00302		
364893.66	3766162.00	0.00326	364913.66	3766162.00	0.00222		
364933.66	3766162.00	0.00151	364953.66	3766162.00	0.00108		
364973.66	3766162.00	0.00082	364993.66	3766162.00	0.00069		
365013.66	3766162.00	0.00063	365033.66	3766162.00	0.00059		
365053.66	3766162.00	0.00057	365073.66	3766162.00	0.00058		
365093.66	3766162.00	0.00063	365113.66	3766162.00	0.00067		
365133.66	3766162.00	0.00067	365153.66	3766162.00	0.00066		
365173.66	3766162.00	0.00064	365193.66	3766162.00	0.00062		
365213.66	3766162.00	0.00060	365233.66	3766162.00	0.00057		
365253.66	3766162.00	0.00055	365273.66	3766162.00	0.00053		
365293.66	3766162.00	0.00051	365313.66	3766162.00	0.00050		
365333.66	3766162.00	0.00048	365353.66	3766162.00	0.00047		
365373.66	3766162.00	0.00046	365393.66	3766162.00	0.00045		
365413.66	3766162.00	0.00044	365433.66	3766162.00	0.00043		
365453.66	3766162.00	0.00042	365473.66	3766162.00	0.00041		
365493.66	3766162.00	0.00040	365513.66	3766162.00	0.00039		
365533.66	3766162.00	0.00039	365553.66	3766162.00	0.00038		
365573.66	3766162.00	0.00037	365593.66	3766162.00	0.00036		

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***MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365613.66	3766162.00	0.00036	365633.66	3766162.00	0.00035
365653.66	3766162.00	0.00035	365673.66	3766162.00	0.00034
365693.66	3766162.00	0.00034	365713.66	3766162.00	0.00033
365733.66	3766162.00	0.00033	365753.66	3766162.00	0.00032
365773.66	3766162.00	0.00032	365793.66	3766162.00	0.00031
365813.66	3766162.00	0.00031	365833.66	3766162.00	0.00031
365853.66	3766162.00	0.00030	365873.66	3766162.00	0.00030
365893.66	3766162.00	0.00029	365913.66	3766162.00	0.00029
365933.66	3766162.00	0.00028	365953.66	3766162.00	0.00028
365973.66	3766162.00	0.00027	365993.66	3766162.00	0.00027
366013.66	3766162.00	0.00026	366033.66	3766162.00	0.00026
366053.66	3766162.00	0.00026	366073.66	3766162.00	0.00025
366093.66	3766162.00	0.00025	366113.66	3766162.00	0.00024
366133.66	3766162.00	0.00024	366153.66	3766162.00	0.00023
366173.66	3766162.00	0.00023	366193.66	3766162.00	0.00022
366213.66	3766162.00	0.00022	366233.66	3766162.00	0.00022
366253.66	3766162.00	0.00021	366273.66	3766162.00	0.00021
366293.66	3766162.00	0.00021	366313.66	3766162.00	0.00020
366333.66	3766162.00	0.00020	366353.66	3766162.00	0.00020
366373.66	3766162.00	0.00019	366393.66	3766162.00	0.00019
366413.66	3766162.00	0.00019	366433.66	3766162.00	0.00018
366453.66	3766162.00	0.00018	366473.66	3766162.00	0.00018
366493.66	3766162.00	0.00017	364713.66	3766182.00	0.00062
364733.66	3766182.00	0.00070	364753.66	3766182.00	0.00081
364773.66	3766182.00	0.00096	364793.66	3766182.00	0.00118
364813.66	3766182.00	0.00158	364833.66	3766182.00	0.00250
364853.66	3766182.00	0.00572	364873.66	3766182.00	0.00547
364893.66	3766182.00	0.00845	364913.66	3766182.00	0.00377
364933.66	3766182.00	0.00222	364953.66	3766182.00	0.00148
364973.66	3766182.00	0.00107	364993.66	3766182.00	0.00085
365013.66	3766182.00	0.00075	365033.66	3766182.00	0.00069
365053.66	3766182.00	0.00067	365073.66	3766182.00	0.00069
365093.66	3766182.00	0.00073	365113.66	3766182.00	0.00074
365133.66	3766182.00	0.00073	365153.66	3766182.00	0.00071
365173.66	3766182.00	0.00068	365193.66	3766182.00	0.00065
365213.66	3766182.00	0.00063	365233.66	3766182.00	0.00061
365253.66	3766182.00	0.00060	365273.66	3766182.00	0.00058
365293.66	3766182.00	0.00057	365313.66	3766182.00	0.00056
365333.66	3766182.00	0.00055	365353.66	3766182.00	0.00054
365373.66	3766182.00	0.00053	365393.66	3766182.00	0.00051

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***MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365413.66	3766182.00	0.00050	365433.66	3766182.00	0.00049
365453.66	3766182.00	0.00047	365473.66	3766182.00	0.00046
365493.66	3766182.00	0.00045	365513.66	3766182.00	0.00044
365533.66	3766182.00	0.00043	365553.66	3766182.00	0.00042
365573.66	3766182.00	0.00041	365593.66	3766182.00	0.00040
365613.66	3766182.00	0.00039	365633.66	3766182.00	0.00038
365653.66	3766182.00	0.00038	365673.66	3766182.00	0.00037
365693.66	3766182.00	0.00036	365713.66	3766182.00	0.00036
365733.66	3766182.00	0.00035	365753.66	3766182.00	0.00035
365773.66	3766182.00	0.00034	365793.66	3766182.00	0.00034
365813.66	3766182.00	0.00033	365833.66	3766182.00	0.00032
365853.66	3766182.00	0.00032	365873.66	3766182.00	0.00031

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                                NOxOp.POU.txt
365893.66      3766182.00      0.00031      365913.66      3766182.00      0.00030
365933.66      3766182.00      0.00030      365953.66      3766182.00      0.00029
365973.66      3766182.00      0.00029      365993.66      3766182.00      0.00028
366013.66      3766182.00      0.00028      366033.66      3766182.00      0.00027
366053.66      3766182.00      0.00027      366073.66      3766182.00      0.00026
366093.66      3766182.00      0.00026      366113.66      3766182.00      0.00025
366133.66      3766182.00      0.00025      366153.66      3766182.00      0.00024
366173.66      3766182.00      0.00024      366193.66      3766182.00      0.00023
366213.66      3766182.00      0.00023      366233.66      3766182.00      0.00022
366253.66      3766182.00      0.00022      366273.66      3766182.00      0.00022
366293.66      3766182.00      0.00021      366313.66      3766182.00      0.00021
366333.66      3766182.00      0.00020      366353.66      3766182.00      0.00020
366373.66      3766182.00      0.00020      366393.66      3766182.00      0.00019
366413.66      3766182.00      0.00019      366433.66      3766182.00      0.00019
366453.66      3766182.00      0.00018      366473.66      3766182.00      0.00018
366493.66      3766182.00      0.00018      364713.66      3766202.00      0.00073
364733.66      3766202.00      0.00084      364753.66      3766202.00      0.00101
364773.66      3766202.00      0.00125      364793.66      3766202.00      0.00167
364813.66      3766202.00      0.00249      364833.66      3766202.00      0.00476
364853.66      3766202.00      0.00869      364873.66      3766202.00      0.01731
364893.66      3766202.00      0.01345      364913.66      3766202.00      0.00561
364933.66      3766202.00      0.00306      364953.66      3766202.00      0.00194
364973.66      3766202.00      0.00136      364993.66      3766202.00      0.00104
365013.66      3766202.00      0.00088      365033.66      3766202.00      0.00081
365053.66      3766202.00      0.00081      365073.66      3766202.00      0.00084
365093.66      3766202.00      0.00086      365113.66      3766202.00      0.00087
365133.66      3766202.00      0.00084      365153.66      3766202.00      0.00080
365173.66      3766202.00      0.00075      365193.66      3766202.00      0.00072
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**MODELOPTS: CONC      URBAN      FLAT      DEFAULT

*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: ALL      ***
INCLUDING SOURCE(S):      L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)      Y-COORD (M)      CONC      X-COORD (M)      Y-COORD (M)      CONC
- - - - -
365213.66      3766202.00      0.00071      365233.66      3766202.00      0.00070
365253.66      3766202.00      0.00069      365273.66      3766202.00      0.00069
365293.66      3766202.00      0.00067      365313.66      3766202.00      0.00066
365333.66      3766202.00      0.00064      365353.66      3766202.00      0.00063
365373.66      3766202.00      0.00061      365393.66      3766202.00      0.00059
365413.66      3766202.00      0.00057      365433.66      3766202.00      0.00055
365453.66      3766202.00      0.00053      365473.66      3766202.00      0.00051
365493.66      3766202.00      0.00050      365513.66      3766202.00      0.00048
365533.66      3766202.00      0.00047      365553.66      3766202.00      0.00045
365573.66      3766202.00      0.00044      365593.66      3766202.00      0.00043
365613.66      3766202.00      0.00042      365633.66      3766202.00      0.00041
365653.66      3766202.00      0.00040      365673.66      3766202.00      0.00040
365693.66      3766202.00      0.00039      365713.66      3766202.00      0.00038
365733.66      3766202.00      0.00038      365753.66      3766202.00      0.00037
365773.66      3766202.00      0.00036      365793.66      3766202.00      0.00036
365813.66      3766202.00      0.00035      365833.66      3766202.00      0.00034
365853.66      3766202.00      0.00034      365873.66      3766202.00      0.00033
365893.66      3766202.00      0.00032      365913.66      3766202.00      0.00032
365933.66      3766202.00      0.00031      365953.66      3766202.00      0.00031
365973.66      3766202.00      0.00030      365993.66      3766202.00      0.00029
366013.66      3766202.00      0.00029      366033.66      3766202.00      0.00028
366053.66      3766202.00      0.00028      366073.66      3766202.00      0.00027
366093.66      3766202.00      0.00026      366113.66      3766202.00      0.00026
366133.66      3766202.00      0.00025      366153.66      3766202.00      0.00025
366173.66      3766202.00      0.00024      366193.66      3766202.00      0.00024
366213.66      3766202.00      0.00024      366233.66      3766202.00      0.00023
366253.66      3766202.00      0.00023      366273.66      3766202.00      0.00022
366293.66      3766202.00      0.00022      366313.66      3766202.00      0.00021
366333.66      3766202.00      0.00021      366353.66      3766202.00      0.00021
366373.66      3766202.00      0.00020      366393.66      3766202.00      0.00020
366413.66      3766202.00      0.00020      366433.66      3766202.00      0.00019
366453.66      3766202.00      0.00019      366473.66      3766202.00      0.00019
366493.66      3766202.00      0.00018      364713.66      3766222.00      0.00081
364733.66      3766222.00      0.00095      364753.66      3766222.00      0.00115
364773.66      3766222.00      0.00147      364793.66      3766222.00      0.00204
364813.66      3766222.00      0.00326      364833.66      3766222.00      0.00665
364853.66      3766222.00      0.01061      364873.66      3766222.00      0.01388
364893.66      3766222.00      0.01374      364913.66      3766222.00      0.00655
364933.66      3766222.00      0.00371      364953.66      3766222.00      0.00235
364973.66      3766222.00      0.00162      364993.66      3766222.00      0.00123
1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc      ***
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**MODELOPTS: CONC      URBAN      FLAT      DEFAULT

*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: ALL      ***
INCLUDING SOURCE(S):      L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)      Y-COORD (M)      CONC      X-COORD (M)      Y-COORD (M)      CONC
- - - - -
365013.66      3766222.00      0.00104      365033.66      3766222.00      0.00100
365053.66      3766222.00      0.00108      365073.66      3766222.00      0.00115
365093.66      3766222.00      0.00116      365113.66      3766222.00      0.00121
365133.66      3766222.00      0.00111      365153.66      3766222.00      0.00097
365173.66      3766222.00      0.00091      365193.66      3766222.00      0.00088
365213.66      3766222.00      0.00087      365233.66      3766222.00      0.00086
365253.66      3766222.00      0.00084      365273.66      3766222.00      0.00082
365293.66      3766222.00      0.00080      365313.66      3766222.00      0.00077
365333.66      3766222.00      0.00074      365353.66      3766222.00      0.00071
365373.66      3766222.00      0.00068      365393.66      3766222.00      0.00065
365413.66      3766222.00      0.00063      365433.66      3766222.00      0.00060
365453.66      3766222.00      0.00058      365473.66      3766222.00      0.00055
365493.66      3766222.00      0.00053      365513.66      3766222.00      0.00051
365533.66      3766222.00      0.00050      365553.66      3766222.00      0.00048
365573.66      3766222.00      0.00047      365593.66      3766222.00      0.00046
365613.66      3766222.00      0.00044      365633.66      3766222.00      0.00044
365653.66      3766222.00      0.00043      365673.66      3766222.00      0.00042
365693.66      3766222.00      0.00041      365713.66      3766222.00      0.00040

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			NoxOp.POU.txt	
365733.66	3766222.00	0.00040	365753.66	3766222.00
365773.66	3766222.00	0.00038	365793.66	3766222.00
365813.66	3766222.00	0.00037	365833.66	3766222.00
365853.66	3766222.00	0.00035	365873.66	3766222.00
365893.66	3766222.00	0.00034	365913.66	3766222.00
365933.66	3766222.00	0.00033	365953.66	3766222.00
365973.66	3766222.00	0.00031	365993.66	3766222.00
366013.66	3766222.00	0.00030	366033.66	3766222.00
366053.66	3766222.00	0.00029	366073.66	3766222.00
366093.66	3766222.00	0.00027	366113.66	3766222.00
366133.66	3766222.00	0.00026	366153.66	3766222.00
366173.66	3766222.00	0.00025	366193.66	3766222.00
366213.66	3766222.00	0.00024	366233.66	3766222.00
366253.66	3766222.00	0.00023	366273.66	3766222.00
366293.66	3766222.00	0.00023	366313.66	3766222.00
366333.66	3766222.00	0.00022	366353.66	3766222.00
366373.66	3766222.00	0.00021	366393.66	3766222.00
366413.66	3766222.00	0.00020	366433.66	3766222.00
366453.66	3766222.00	0.00020	366473.66	3766222.00
366493.66	3766222.00	0.00019	364713.66	3766242.00
364733.66	3766242.00	0.00098	364753.66	3766242.00
364773.66	3766242.00	0.00153	364793.66	3766242.00

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748, L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760, L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364813.66	3766242.00	0.00353	364833.66	3766242.00	0.00584
364853.66	3766242.00	0.01077	364873.66	3766242.00	0.01611
364893.66	3766242.00	0.01092	364913.66	3766242.00	0.00629
364933.66	3766242.00	0.00397	364953.66	3766242.00	0.00262
364973.66	3766242.00	0.00184	364993.66	3766242.00	0.00149
365013.66	3766242.00	0.00139	365033.66	3766242.00	0.00148
365053.66	3766242.00	0.00167	365073.66	3766242.00	0.00192
365093.66	3766242.00	0.00194	365113.66	3766242.00	0.00185
365133.66	3766242.00	0.00177	365153.66	3766242.00	0.00134
365173.66	3766242.00	0.00119	365193.66	3766242.00	0.00111
365213.66	3766242.00	0.00106	365233.66	3766242.00	0.00102
365253.66	3766242.00	0.00098	365273.66	3766242.00	0.00094
365293.66	3766242.00	0.00090	365313.66	3766242.00	0.00086
365333.66	3766242.00	0.00082	365353.66	3766242.00	0.00078
365373.66	3766242.00	0.00074	365393.66	3766242.00	0.00070
365413.66	3766242.00	0.00067	365433.66	3766242.00	0.00064
365453.66	3766242.00	0.00061	365473.66	3766242.00	0.00059
365493.66	3766242.00	0.00056	365513.66	3766242.00	0.00054
365533.66	3766242.00	0.00052	365553.66	3766242.00	0.00051
365573.66	3766242.00	0.00049	365593.66	3766242.00	0.00048
365613.66	3766242.00	0.00047	365633.66	3766242.00	0.00046
365653.66	3766242.00	0.00045	365673.66	3766242.00	0.00044
365693.66	3766242.00	0.00043	365713.66	3766242.00	0.00042
365733.66	3766242.00	0.00042	365753.66	3766242.00	0.00041
365773.66	3766242.00	0.00040	365793.66	3766242.00	0.00039
365813.66	3766242.00	0.00039	365833.66	3766242.00	0.00038
365853.66	3766242.00	0.00037	365873.66	3766242.00	0.00036
365893.66	3766242.00	0.00036	365913.66	3766242.00	0.00035
365933.66	3766242.00	0.00034	365953.66	3766242.00	0.00033
365973.66	3766242.00	0.00033	365993.66	3766242.00	0.00032
366013.66	3766242.00	0.00031	366033.66	3766242.00	0.00030
366053.66	3766242.00	0.00030	366073.66	3766242.00	0.00029
366093.66	3766242.00	0.00028	366113.66	3766242.00	0.00028
366133.66	3766242.00	0.00027	366153.66	3766242.00	0.00027
366173.66	3766242.00	0.00026	366193.66	3766242.00	0.00026
366213.66	3766242.00	0.00025	366233.66	3766242.00	0.00025
366253.66	3766242.00	0.00024	366273.66	3766242.00	0.00024
366293.66	3766242.00	0.00023	366313.66	3766242.00	0.00023
366333.66	3766242.00	0.00022	366353.66	3766242.00	0.00022
366373.66	3766242.00	0.00022	366393.66	3766242.00	0.00021

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748, L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760, L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366413.66	3766242.00	0.00021	366433.66	3766242.00	0.00021
366453.66	3766242.00	0.00020	366473.66	3766242.00	0.00020
366493.66	3766242.00	0.00019	364713.66	3766262.00	0.00082
364733.66	3766262.00	0.00095	364753.66	3766262.00	0.00113
364773.66	3766262.00	0.00141	364793.66	3766262.00	0.00186
364813.66	3766262.00	0.00276	364833.66	3766262.00	0.00476
364853.66	3766262.00	0.00788	364873.66	3766262.00	0.01015
364893.66	3766262.00	0.00708	364913.66	3766262.00	0.00513
364933.66	3766262.00	0.00373	364953.66	3766262.00	0.00268
364973.66	3766262.00	0.00197	364993.66	3766262.00	0.00183
365013.66	3766262.00	0.00165	365033.66	3766262.00	0.00200
365053.66	3766262.00	0.00253	365073.66	3766262.00	0.00353
365093.66	3766262.00	0.00313	365113.66	3766262.00	0.00372
365133.66	3766262.00	0.00243	365153.66	3766262.00	0.00174
365173.66	3766262.00	0.00145	365193.66	3766262.00	0.00131
365213.66	3766262.00	0.00121	365233.66	3766262.00	0.00114
365253.66	3766262.00	0.00108	365273.66	3766262.00	0.00102
365293.66	3766262.00	0.00097	365313.66	3766262.00	0.00092
365333.66	3766262.00	0.00087	365353.66	3766262.00	0.00082
365373.66	3766262.00	0.00078	365393.66	3766262.00	0.00074
365413.66	3766262.00	0.00070	365433.66	3766262.00	0.00067
365453.66	3766262.00	0.00064	365473.66	3766262.00	0.00061
365493.66	3766262.00	0.00059	365513.66	3766262.00	0.00056
365533.66	3766262.00	0.00054	365553.66	3766262.00	0.00053

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                                NOxOp.POU.txt
365573.66    3766262.00    0.00051    365593.66    3766262.00    0.00050
365613.66    3766262.00    0.00049    365633.66    3766262.00    0.00048
365653.66    3766262.00    0.00047    365673.66    3766262.00    0.00046
365693.66    3766262.00    0.00045    365713.66    3766262.00    0.00045
365733.66    3766262.00    0.00044    365753.66    3766262.00    0.00043
365773.66    3766262.00    0.00042    365793.66    3766262.00    0.00041
365813.66    3766262.00    0.00041    365833.66    3766262.00    0.00040
365853.66    3766262.00    0.00039    365873.66    3766262.00    0.00038
365893.66    3766262.00    0.00037    365913.66    3766262.00    0.00036
365933.66    3766262.00    0.00036    365953.66    3766262.00    0.00035
365973.66    3766262.00    0.00034    365993.66    3766262.00    0.00033
366013.66    3766262.00    0.00032    366033.66    3766262.00    0.00031
366053.66    3766262.00    0.00031    366073.66    3766262.00    0.00030
366093.66    3766262.00    0.00029    366113.66    3766262.00    0.00029
366133.66    3766262.00    0.00028    366153.66    3766262.00    0.00027
366173.66    3766262.00    0.00027    366193.66    3766262.00    0.00026
1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXP0\Expo HRA\EXP0hra.isc      ***
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**MODELOPTS: CONC      URBAN  FLAT      DEFAULT

*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION  VALUES FOR SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S):  L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)  Y-COORD (M)  CONC      X-COORD (M)  Y-COORD (M)  CONC
-----
366213.66    3766262.00    0.00026    366233.66    3766262.00    0.00025
366253.66    3766262.00    0.00025    366273.66    3766262.00    0.00024
366293.66    3766262.00    0.00024    366313.66    3766262.00    0.00023
366333.66    3766262.00    0.00023    366353.66    3766262.00    0.00023
366373.66    3766262.00    0.00022    366393.66    3766262.00    0.00022
366413.66    3766262.00    0.00022    366433.66    3766262.00    0.00021
366453.66    3766262.00    0.00021    366473.66    3766262.00    0.00020
366493.66    3766262.00    0.00020    364713.66    3766282.00    0.00078
364733.66    3766282.00    0.00089    364753.66    3766282.00    0.00103
364773.66    3766282.00    0.00122    364793.66    3766282.00    0.00148
364813.66    3766282.00    0.00187    364833.66    3766282.00    0.00263
364853.66    3766282.00    0.00401    364873.66    3766282.00    0.00477
364893.66    3766282.00    0.00441    364913.66    3766282.00    0.00381
364933.66    3766282.00    0.00315    364953.66    3766282.00    0.00247
364973.66    3766282.00    0.00190    364993.66    3766282.00    0.00164
365013.66    3766282.00    0.00188    365033.66    3766282.00    0.00297
365053.66    3766282.00    0.00435    365073.66    3766282.00    0.00480
365093.66    3766282.00    0.00397    365113.66    3766282.00    0.00332
365133.66    3766282.00    0.00260    365153.66    3766282.00    0.00205
365173.66    3766282.00    0.00170    365193.66    3766282.00    0.00149
365213.66    3766282.00    0.00135    365233.66    3766282.00    0.00124
365253.66    3766282.00    0.00116    365273.66    3766282.00    0.00109
365293.66    3766282.00    0.00102    365313.66    3766282.00    0.00096
365333.66    3766282.00    0.00091    365353.66    3766282.00    0.00085
365373.66    3766282.00    0.00081    365393.66    3766282.00    0.00076
365413.66    3766282.00    0.00072    365433.66    3766282.00    0.00069
365453.66    3766282.00    0.00066    365473.66    3766282.00    0.00063
365493.66    3766282.00    0.00061    365513.66    3766282.00    0.00058
365533.66    3766282.00    0.00056    365553.66    3766282.00    0.00055
365573.66    3766282.00    0.00053    365593.66    3766282.00    0.00052
365613.66    3766282.00    0.00051    365633.66    3766282.00    0.00050
365653.66    3766282.00    0.00049    365673.66    3766282.00    0.00049
365693.66    3766282.00    0.00048    365713.66    3766282.00    0.00047
365733.66    3766282.00    0.00046    365753.66    3766282.00    0.00045
365773.66    3766282.00    0.00044    365793.66    3766282.00    0.00043
365813.66    3766282.00    0.00043    365833.66    3766282.00    0.00042
365853.66    3766282.00    0.00041    365873.66    3766282.00    0.00040
365893.66    3766282.00    0.00039    365913.66    3766282.00    0.00038
365933.66    3766282.00    0.00037    365953.66    3766282.00    0.00036
365973.66    3766282.00    0.00035    365993.66    3766282.00    0.00034
1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXP0\Expo HRA\EXP0hra.isc      ***
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**MODELOPTS: CONC      URBAN  FLAT      DEFAULT

*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION  VALUES FOR SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S):  L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)  Y-COORD (M)  CONC      X-COORD (M)  Y-COORD (M)  CONC
-----
366013.66    3766282.00    0.00033    366033.66    3766282.00    0.00032
366053.66    3766282.00    0.00032    366073.66    3766282.00    0.00031
366093.66    3766282.00    0.00030    366113.66    3766282.00    0.00030
366133.66    3766282.00    0.00029    366153.66    3766282.00    0.00028
366173.66    3766282.00    0.00028    366193.66    3766282.00    0.00027
366213.66    3766282.00    0.00027    366233.66    3766282.00    0.00026
366253.66    3766282.00    0.00026    366273.66    3766282.00    0.00025
366293.66    3766282.00    0.00025    366313.66    3766282.00    0.00024
366333.66    3766282.00    0.00024    366353.66    3766282.00    0.00023
366373.66    3766282.00    0.00023    366393.66    3766282.00    0.00023
366413.66    3766282.00    0.00022    366433.66    3766282.00    0.00022
366453.66    3766282.00    0.00021    366473.66    3766282.00    0.00021
366493.66    3766282.00    0.00021    364713.66    3766302.00    0.00074
364733.66    3766302.00    0.00082    364753.66    3766302.00    0.00093
364773.66    3766302.00    0.00105    364793.66    3766302.00    0.00121
364813.66    3766302.00    0.00141    364833.66    3766302.00    0.00178
364853.66    3766302.00    0.00229    364873.66    3766302.00    0.00269
364893.66    3766302.00    0.00284    364913.66    3766302.00    0.00277
364933.66    3766302.00    0.00254    364953.66    3766302.00    0.00218
364973.66    3766302.00    0.00179    364993.66    3766302.00    0.00152
365013.66    3766302.00    0.00157    365033.66    3766302.00    0.00281
365053.66    3766302.00    0.00470    365073.66    3766302.00    0.00495
365093.66    3766302.00    0.00427    365113.66    3766302.00    0.00350
365133.66    3766302.00    0.00285    365153.66    3766302.00    0.00234
365173.66    3766302.00    0.00196    365193.66    3766302.00    0.00169
365213.66    3766302.00    0.00149    365233.66    3766302.00    0.00135
365253.66    3766302.00    0.00124    365273.66    3766302.00    0.00115
365293.66    3766302.00    0.00107    365313.66    3766302.00    0.00100
365333.66    3766302.00    0.00094    365353.66    3766302.00    0.00088
365373.66    3766302.00    0.00083    365393.66    3766302.00    0.00078

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365413.66 3766302.00 0.00074 365433.66 3766302.00 0.00071
365453.66 3766302.00 0.00068 365473.66 3766302.00 0.00065
365493.66 3766302.00 0.00062 365513.66 3766302.00 0.00060
365533.66 3766302.00 0.00058 365553.66 3766302.00 0.00057
365573.66 3766302.00 0.00055 365593.66 3766302.00 0.00054
365613.66 3766302.00 0.00054 365633.66 3766302.00 0.00053
365653.66 3766302.00 0.00052 365673.66 3766302.00 0.00051
365693.66 3766302.00 0.00050 365713.66 3766302.00 0.00049
365733.66 3766302.00 0.00049 365753.66 3766302.00 0.00048
365773.66 3766302.00 0.00047 365793.66 3766302.00 0.00046
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NOX IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365813.66 3766302.00 0.00045 365833.66 3766302.00 0.00044
365853.66 3766302.00 0.00043 365873.66 3766302.00 0.00042
365893.66 3766302.00 0.00041 365913.66 3766302.00 0.00040
365933.66 3766302.00 0.00039 365953.66 3766302.00 0.00038
365973.66 3766302.00 0.00037 365993.66 3766302.00 0.00036
366013.66 3766302.00 0.00035 366033.66 3766302.00 0.00034
366053.66 3766302.00 0.00033 366073.66 3766302.00 0.00032
366093.66 3766302.00 0.00031 366113.66 3766302.00 0.00031
366133.66 3766302.00 0.00030 366153.66 3766302.00 0.00029
366173.66 3766302.00 0.00029 366193.66 3766302.00 0.00028
366213.66 3766302.00 0.00028 366233.66 3766302.00 0.00027
366253.66 3766302.00 0.00027 366273.66 3766302.00 0.00026
366293.66 3766302.00 0.00026 366313.66 3766302.00 0.00025
366333.66 3766302.00 0.00025 366353.66 3766302.00 0.00024
366373.66 3766302.00 0.00024 366393.66 3766302.00 0.00024
366413.66 3766302.00 0.00023 366433.66 3766302.00 0.00023
366453.66 3766302.00 0.00022 366473.66 3766302.00 0.00022
366493.66 3766302.00 0.00021 364713.66 3766322.00 0.00069
364733.66 3766322.00 0.00075 364753.66 3766322.00 0.00083
364773.66 3766322.00 0.00091 364793.66 3766322.00 0.00101
364813.66 3766322.00 0.00115 364833.66 3766322.00 0.00138
364853.66 3766322.00 0.00164 364873.66 3766322.00 0.00185
364893.66 3766322.00 0.00199 364913.66 3766322.00 0.00205
364933.66 3766322.00 0.00201 364953.66 3766322.00 0.00188
364973.66 3766322.00 0.00169 364993.66 3766322.00 0.00156
365013.66 3766322.00 0.00172 365033.66 3766322.00 0.00265
365053.66 3766322.00 0.00420 365073.66 3766322.00 0.00485
365093.66 3766322.00 0.00449 365113.66 3766322.00 0.00380
365133.66 3766322.00 0.00315 365153.66 3766322.00 0.00262
365173.66 3766322.00 0.00220 365193.66 3766322.00 0.00189
365213.66 3766322.00 0.00165 365233.66 3766322.00 0.00146
365253.66 3766322.00 0.00132 365273.66 3766322.00 0.00121
365293.66 3766322.00 0.00112 365313.66 3766322.00 0.00104
365333.66 3766322.00 0.00097 365353.66 3766322.00 0.00091
365373.66 3766322.00 0.00085 365393.66 3766322.00 0.00080
365413.66 3766322.00 0.00076 365433.66 3766322.00 0.00072
365453.66 3766322.00 0.00069 365473.66 3766322.00 0.00067
365493.66 3766322.00 0.00064 365513.66 3766322.00 0.00062
365533.66 3766322.00 0.00061 365553.66 3766322.00 0.00059
365573.66 3766322.00 0.00058 365593.66 3766322.00 0.00057
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NOX IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365613.66 3766322.00 0.00056 365633.66 3766322.00 0.00056
365653.66 3766322.00 0.00055 365673.66 3766322.00 0.00054
365693.66 3766322.00 0.00053 365713.66 3766322.00 0.00052
365733.66 3766322.00 0.00052 365753.66 3766322.00 0.00051
365773.66 3766322.00 0.00050 365793.66 3766322.00 0.00049
365813.66 3766322.00 0.00048 365833.66 3766322.00 0.00047
365853.66 3766322.00 0.00046 365873.66 3766322.00 0.00044
365893.66 3766322.00 0.00043 365913.66 3766322.00 0.00042
365933.66 3766322.00 0.00041 365953.66 3766322.00 0.00039
365973.66 3766322.00 0.00038 365993.66 3766322.00 0.00037
366013.66 3766322.00 0.00036 366033.66 3766322.00 0.00035
366053.66 3766322.00 0.00034 366073.66 3766322.00 0.00033
366093.66 3766322.00 0.00033 366113.66 3766322.00 0.00032
366133.66 3766322.00 0.00031 366153.66 3766322.00 0.00030
366173.66 3766322.00 0.00030 366193.66 3766322.00 0.00029
366213.66 3766322.00 0.00029 366233.66 3766322.00 0.00028
366253.66 3766322.00 0.00028 366273.66 3766322.00 0.00027
366293.66 3766322.00 0.00027 366313.66 3766322.00 0.00026
366333.66 3766322.00 0.00026 366353.66 3766322.00 0.00025
366373.66 3766322.00 0.00025 366393.66 3766322.00 0.00024
366413.66 3766322.00 0.00024 366433.66 3766322.00 0.00024
366453.66 3766322.00 0.00023 366473.66 3766322.00 0.00023
366493.66 3766322.00 0.00022 364713.66 3766342.00 0.00063
364733.66 3766342.00 0.00068 364753.66 3766342.00 0.00074
364773.66 3766342.00 0.00080 364793.66 3766342.00 0.00088
364813.66 3766342.00 0.00098 364833.66 3766342.00 0.00114
364853.66 3766342.00 0.00131 364873.66 3766342.00 0.00143
364893.66 3766342.00 0.00151 364913.66 3766342.00 0.00158
364933.66 3766342.00 0.00161 364953.66 3766342.00 0.00159
364973.66 3766342.00 0.00154 364993.66 3766342.00 0.00156
365013.66 3766342.00 0.00175 365033.66 3766342.00 0.00234
365053.66 3766342.00 0.00335 365073.66 3766342.00 0.00414
365093.66 3766342.00 0.00422 365113.66 3766342.00 0.00383
365133.66 3766342.00 0.00331 365153.66 3766342.00 0.00282
365173.66 3766342.00 0.00241 365193.66 3766342.00 0.00207
365213.66 3766342.00 0.00180 365233.66 3766342.00 0.00159
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365253.66 3766342.00 0.00142 365273.66 3766342.00 0.00128
365293.66 3766342.00 0.00117 365313.66 3766342.00 0.00108
365333.66 3766342.00 0.00100 365353.66 3766342.00 0.00094
365373.66 3766342.00 0.00088 365393.66 3766342.00 0.00083
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365413.66	3766342.00	0.00078	365433.66	3766342.00	0.00074
365453.66	3766342.00	0.00071	365473.66	3766342.00	0.00069
365493.66	3766342.00	0.00067	365513.66	3766342.00	0.00065
365533.66	3766342.00	0.00064	365553.66	3766342.00	0.00063
365573.66	3766342.00	0.00062	365593.66	3766342.00	0.00061
365613.66	3766342.00	0.00060	365633.66	3766342.00	0.00059
365653.66	3766342.00	0.00059	365673.66	3766342.00	0.00058
365693.66	3766342.00	0.00057	365713.66	3766342.00	0.00056
365733.66	3766342.00	0.00055	365753.66	3766342.00	0.00054
365773.66	3766342.00	0.00053	365793.66	3766342.00	0.00052
365813.66	3766342.00	0.00051	365833.66	3766342.00	0.00050
365853.66	3766342.00	0.00048	365873.66	3766342.00	0.00047
365893.66	3766342.00	0.00046	365913.66	3766342.00	0.00044
365933.66	3766342.00	0.00043	365953.66	3766342.00	0.00041
365973.66	3766342.00	0.00040	365993.66	3766342.00	0.00039
366013.66	3766342.00	0.00038	366033.66	3766342.00	0.00037
366053.66	3766342.00	0.00036	366073.66	3766342.00	0.00035
366093.66	3766342.00	0.00034	366113.66	3766342.00	0.00033
366133.66	3766342.00	0.00032	366153.66	3766342.00	0.00032
366173.66	3766342.00	0.00031	366193.66	3766342.00	0.00030
366213.66	3766342.00	0.00030	366233.66	3766342.00	0.00029
366253.66	3766342.00	0.00029	366273.66	3766342.00	0.00028
366293.66	3766342.00	0.00028	366313.66	3766342.00	0.00027
366333.66	3766342.00	0.00027	366353.66	3766342.00	0.00026
366373.66	3766342.00	0.00026	366393.66	3766342.00	0.00025
366413.66	3766342.00	0.00025	366433.66	3766342.00	0.00024
366453.66	3766342.00	0.00024	366473.66	3766342.00	0.00023
366493.66	3766342.00	0.00023	364713.66	3766362.00	0.00057
364733.66	3766362.00	0.00062	364753.66	3766362.00	0.00066
364773.66	3766362.00	0.00072	364793.66	3766362.00	0.00078
364813.66	3766362.00	0.00087	364833.66	3766362.00	0.00099
364853.66	3766362.00	0.00110	364873.66	3766362.00	0.00117
364893.66	3766362.00	0.00122	364913.66	3766362.00	0.00126
364933.66	3766362.00	0.00131	364953.66	3766362.00	0.00134
364973.66	3766362.00	0.00138	364993.66	3766362.00	0.00147
365013.66	3766362.00	0.00165	365033.66	3766362.00	0.00203
365053.66	3766362.00	0.00265	365073.66	3766362.00	0.00330
365093.66	3766362.00	0.00363	365113.66	3766362.00	0.00355
365133.66	3766362.00	0.00324	365153.66	3766362.00	0.00288
365173.66	3766362.00	0.00253	365193.66	3766362.00	0.00221

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365213.66	3766362.00	0.00193	365233.66	3766362.00	0.00170
365253.66	3766362.00	0.00152	365273.66	3766362.00	0.00136
365293.66	3766362.00	0.00124	365313.66	3766362.00	0.00113
365333.66	3766362.00	0.00104	365353.66	3766362.00	0.00097
365373.66	3766362.00	0.00091	365393.66	3766362.00	0.00085
365413.66	3766362.00	0.00080	365433.66	3766362.00	0.00076
365453.66	3766362.00	0.00073	365473.66	3766362.00	0.00071
365493.66	3766362.00	0.00070	365513.66	3766362.00	0.00069
365533.66	3766362.00	0.00068	365553.66	3766362.00	0.00067
365573.66	3766362.00	0.00066	365593.66	3766362.00	0.00066
365613.66	3766362.00	0.00065	365633.66	3766362.00	0.00064
365653.66	3766362.00	0.00063	365673.66	3766362.00	0.00062
365693.66	3766362.00	0.00062	365713.66	3766362.00	0.00061
365733.66	3766362.00	0.00060	365753.66	3766362.00	0.00059
365773.66	3766362.00	0.00058	365793.66	3766362.00	0.00056
365813.66	3766362.00	0.00055	365833.66	3766362.00	0.00053
365853.66	3766362.00	0.00052	365873.66	3766362.00	0.00050
365893.66	3766362.00	0.00048	365913.66	3766362.00	0.00047
365933.66	3766362.00	0.00045	365953.66	3766362.00	0.00043
365973.66	3766362.00	0.00042	365993.66	3766362.00	0.00041
366013.66	3766362.00	0.00039	366033.66	3766362.00	0.00038
366053.66	3766362.00	0.00037	366073.66	3766362.00	0.00036
366093.66	3766362.00	0.00036	366113.66	3766362.00	0.00035
366133.66	3766362.00	0.00034	366153.66	3766362.00	0.00033
366173.66	3766362.00	0.00033	366193.66	3766362.00	0.00032
366213.66	3766362.00	0.00031	366233.66	3766362.00	0.00031
366253.66	3766362.00	0.00030	366273.66	3766362.00	0.00030
366293.66	3766362.00	0.00029	366313.66	3766362.00	0.00029
366333.66	3766362.00	0.00028	366353.66	3766362.00	0.00028
366373.66	3766362.00	0.00027	366393.66	3766362.00	0.00027
366413.66	3766362.00	0.00026	366433.66	3766362.00	0.00026
366453.66	3766362.00	0.00025	366473.66	3766362.00	0.00024
366493.66	3766362.00	0.00024	364713.66	3766382.00	0.00053
364733.66	3766382.00	0.00057	364753.66	3766382.00	0.00061
364773.66	3766382.00	0.00066	364793.66	3766382.00	0.00072
364813.66	3766382.00	0.00079	364833.66	3766382.00	0.00087
364853.66	3766382.00	0.00094	364873.66	3766382.00	0.00099
364893.66	3766382.00	0.00102	364913.66	3766382.00	0.00106
364933.66	3766382.00	0.00110	364953.66	3766382.00	0.00115
364973.66	3766382.00	0.00123	364993.66	3766382.00	0.00135

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
 L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
 L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365013.66	3766382.00	0.00151	365033.66	3766382.00	0.00176
365053.66	3766382.00	0.00214	365073.66	3766382.00	0.00260
365093.66	3766382.00	0.00298	365113.66	3766382.00	0.00310
365133.66	3766382.00	0.00300	365153.66	3766382.00	0.00278
365173.66	3766382.00	0.00252	365193.66	3766382.00	0.00226
365213.66	3766382.00	0.00202	365233.66	3766382.00	0.00180
365253.66	3766382.00	0.00160	365273.66	3766382.00	0.00144
365293.66	3766382.00	0.00131	365313.66	3766382.00	0.00119
365333.66	3766382.00	0.00110	365353.66	3766382.00	0.00102
365373.66	3766382.00	0.00095	365393.66	3766382.00	0.00089
365413.66	3766382.00	0.00084	365433.66	3766382.00	0.00079
365453.66	3766382.00	0.00077	365473.66	3766382.00	0.00075
365493.66	3766382.00	0.00075	365513.66	3766382.00	0.00075
365533.66	3766382.00	0.00075	365553.66	3766382.00	0.00074
365573.66	3766382.00	0.00073	365593.66	3766382.00	0.00072
365613.66	3766382.00	0.00071	365633.66	3766382.00	0.00070
365653.66	3766382.00	0.00069	365673.66	3766382.00	0.00069
365693.66	3766382.00	0.00068	365713.66	3766382.00	0.00067
365733.66	3766382.00	0.00066	365753.66	3766382.00	0.00065
365773.66	3766382.00	0.00063	365793.66	3766382.00	0.00062
365813.66	3766382.00	0.00060	365833.66	3766382.00	0.00058
365853.66	3766382.00	0.00056	365873.66	3766382.00	0.00054
365893.66	3766382.00	0.00052	365913.66	3766382.00	0.00050
365933.66	3766382.00	0.00048	365953.66	3766382.00	0.00046
365973.66	3766382.00	0.00044	365993.66	3766382.00	0.00043
366013.66	3766382.00	0.00042	366033.66	3766382.00	0.00041
366053.66	3766382.00	0.00040	366073.66	3766382.00	0.00039
366093.66	3766382.00	0.00038	366113.66	3766382.00	0.00037
366133.66	3766382.00	0.00036	366153.66	3766382.00	0.00035
366173.66	3766382.00	0.00034	366193.66	3766382.00	0.00034
366213.66	3766382.00	0.00033	366233.66	3766382.00	0.00033
366253.66	3766382.00	0.00032	366273.66	3766382.00	0.00031
366293.66	3766382.00	0.00031	366313.66	3766382.00	0.00030
366333.66	3766382.00	0.00030	366353.66	3766382.00	0.00029
366373.66	3766382.00	0.00029	366393.66	3766382.00	0.00028
366413.66	3766382.00	0.00027	366433.66	3766382.00	0.00027
366453.66	3766382.00	0.00026	366473.66	3766382.00	0.00025
366493.66	3766382.00	0.00025	364713.66	3766402.00	0.00050
364733.66	3766402.00	0.00053	364753.66	3766402.00	0.00057
364773.66	3766402.00	0.00061	364793.66	3766402.00	0.00065

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
 L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
 L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364813.66	3766402.00	0.00071	364833.66	3766402.00	0.00077
364853.66	3766402.00	0.00082	364873.66	3766402.00	0.00086
364893.66	3766402.00	0.00088	364913.66	3766402.00	0.00091
364933.66	3766402.00	0.00094	364953.66	3766402.00	0.00100
364973.66	3766402.00	0.00110	364993.66	3766402.00	0.00122
365013.66	3766402.00	0.00136	365033.66	3766402.00	0.00154
365053.66	3766402.00	0.00179	365073.66	3766402.00	0.00210
365093.66	3766402.00	0.00242	365113.66	3766402.00	0.00263
365133.66	3766402.00	0.00267	365153.66	3766402.00	0.00257
365173.66	3766402.00	0.00241	365193.66	3766402.00	0.00223
365213.66	3766402.00	0.00203	365233.66	3766402.00	0.00184
365253.66	3766402.00	0.00167	365273.66	3766402.00	0.00151
365293.66	3766402.00	0.00137	365313.66	3766402.00	0.00126
365333.66	3766402.00	0.00116	365353.66	3766402.00	0.00107
365373.66	3766402.00	0.00100	365393.66	3766402.00	0.00094
365413.66	3766402.00	0.00089	365433.66	3766402.00	0.00084
365453.66	3766402.00	0.00082	365473.66	3766402.00	0.00083
365493.66	3766402.00	0.00084	365513.66	3766402.00	0.00086
365533.66	3766402.00	0.00086	365553.66	3766402.00	0.00085
365573.66	3766402.00	0.00082	365593.66	3766402.00	0.00081
365613.66	3766402.00	0.00080	365633.66	3766402.00	0.00079
365653.66	3766402.00	0.00078	365673.66	3766402.00	0.00077
365693.66	3766402.00	0.00077	365713.66	3766402.00	0.00076
365733.66	3766402.00	0.00075	365753.66	3766402.00	0.00073
365773.66	3766402.00	0.00071	365793.66	3766402.00	0.00068
365813.66	3766402.00	0.00066	365833.66	3766402.00	0.00063
365853.66	3766402.00	0.00061	365873.66	3766402.00	0.00058
365893.66	3766402.00	0.00056	365913.66	3766402.00	0.00053
365933.66	3766402.00	0.00051	365953.66	3766402.00	0.00049
365973.66	3766402.00	0.00048	365993.66	3766402.00	0.00046
366013.66	3766402.00	0.00045	366033.66	3766402.00	0.00043
366053.66	3766402.00	0.00042	366073.66	3766402.00	0.00041
366093.66	3766402.00	0.00040	366113.66	3766402.00	0.00039
366133.66	3766402.00	0.00038	366153.66	3766402.00	0.00037
366173.66	3766402.00	0.00036	366193.66	3766402.00	0.00036
366213.66	3766402.00	0.00035	366233.66	3766402.00	0.00035
366253.66	3766402.00	0.00034	366273.66	3766402.00	0.00033
366293.66	3766402.00	0.00033	366313.66	3766402.00	0.00032
366333.66	3766402.00	0.00031	366353.66	3766402.00	0.00031
366373.66	3766402.00	0.00030	366393.66	3766402.00	0.00029

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
 L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
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NoxOp.POU.txt
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366413.66	3766402.00	0.00029	366433.66	3766402.00	0.00028
366453.66	3766402.00	0.00027	366473.66	3766402.00	0.00027
366493.66	3766402.00	0.00026	364713.66	3766422.00	0.00047
364733.66	3766422.00	0.00050	364753.66	3766422.00	0.00053
364773.66	3766422.00	0.00056	364793.66	3766422.00	0.00060
364813.66	3766422.00	0.00064	364833.66	3766422.00	0.00068
364853.66	3766422.00	0.00072	364873.66	3766422.00	0.00076
364893.66	3766422.00	0.00078	364913.66	3766422.00	0.00080
364933.66	3766422.00	0.00083	364953.66	3766422.00	0.00089
364973.66	3766422.00	0.00099	364993.66	3766422.00	0.00110
365013.66	3766422.00	0.00122	365033.66	3766422.00	0.00136
365053.66	3766422.00	0.00153	365073.66	3766422.00	0.00173
365093.66	3766422.00	0.00198	365113.66	3766422.00	0.00219
365133.66	3766422.00	0.00232	365153.66	3766422.00	0.00232
365173.66	3766422.00	0.00224	365193.66	3766422.00	0.00212
365213.66	3766422.00	0.00198	365233.66	3766422.00	0.00184
365253.66	3766422.00	0.00169	365273.66	3766422.00	0.00156
365293.66	3766422.00	0.00143	365313.66	3766422.00	0.00132
365333.66	3766422.00	0.00122	365353.66	3766422.00	0.00114
365373.66	3766422.00	0.00107	365393.66	3766422.00	0.00102
365413.66	3766422.00	0.00097	365433.66	3766422.00	0.00093
365453.66	3766422.00	0.00092	365473.66	3766422.00	0.00098
365493.66	3766422.00	0.00105	365513.66	3766422.00	0.00108
365533.66	3766422.00	0.00105	365553.66	3766422.00	0.00102
365573.66	3766422.00	0.00098	365593.66	3766422.00	0.00095
365613.66	3766422.00	0.00093	365633.66	3766422.00	0.00092
365653.66	3766422.00	0.00092	365673.66	3766422.00	0.00091
365693.66	3766422.00	0.00090	365713.66	3766422.00	0.00089
365733.66	3766422.00	0.00087	365753.66	3766422.00	0.00084
365773.66	3766422.00	0.00080	365793.66	3766422.00	0.00077
365813.66	3766422.00	0.00074	365833.66	3766422.00	0.00070
365853.66	3766422.00	0.00067	365873.66	3766422.00	0.00064
365893.66	3766422.00	0.00061	365913.66	3766422.00	0.00058
365933.66	3766422.00	0.00056	365953.66	3766422.00	0.00053
365973.66	3766422.00	0.00051	365993.66	3766422.00	0.00050
366013.66	3766422.00	0.00048	366033.66	3766422.00	0.00047
366053.66	3766422.00	0.00045	366073.66	3766422.00	0.00044
366093.66	3766422.00	0.00043	366113.66	3766422.00	0.00041
366133.66	3766422.00	0.00041	366153.66	3766422.00	0.00040
366173.66	3766422.00	0.00039	366193.66	3766422.00	0.00038

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366213.66	3766422.00	0.00038	366233.66	3766422.00	0.00037
366253.66	3766422.00	0.00036	366273.66	3766422.00	0.00036
366293.66	3766422.00	0.00035	366313.66	3766422.00	0.00034
366333.66	3766422.00	0.00033	366353.66	3766422.00	0.00033
366373.66	3766422.00	0.00032	366393.66	3766422.00	0.00031
366413.66	3766422.00	0.00030	366433.66	3766422.00	0.00030
366453.66	3766422.00	0.00029	366473.66	3766422.00	0.00028
366493.66	3766422.00	0.00027	364713.66	3766442.00	0.00044
364733.66	3766442.00	0.00047	364753.66	3766442.00	0.00049
364773.66	3766442.00	0.00051	364793.66	3766442.00	0.00054
364813.66	3766442.00	0.00058	364833.66	3766442.00	0.00061
364853.66	3766442.00	0.00065	364873.66	3766442.00	0.00068
364893.66	3766442.00	0.00070	364913.66	3766442.00	0.00072
364933.66	3766442.00	0.00075	364953.66	3766442.00	0.00081
364973.66	3766442.00	0.00090	364993.66	3766442.00	0.00100
365013.66	3766442.00	0.00110	365033.66	3766442.00	0.00121
365053.66	3766442.00	0.00133	365073.66	3766442.00	0.00147
365093.66	3766442.00	0.00165	365113.66	3766442.00	0.00183
365133.66	3766442.00	0.00198	365153.66	3766442.00	0.00205
365173.66	3766442.00	0.00204	365193.66	3766442.00	0.00198
365213.66	3766442.00	0.00189	365233.66	3766442.00	0.00178
365253.66	3766442.00	0.00168	365273.66	3766442.00	0.00157
365293.66	3766442.00	0.00146	365313.66	3766442.00	0.00136
365333.66	3766442.00	0.00128	365353.66	3766442.00	0.00121
365373.66	3766442.00	0.00116	365393.66	3766442.00	0.00113
365413.66	3766442.00	0.00113	365433.66	3766442.00	0.00113
365453.66	3766442.00	0.00116	365473.66	3766442.00	0.00149
365493.66	3766442.00	0.00162	365513.66	3766442.00	0.00153
365533.66	3766442.00	0.00144	365553.66	3766442.00	0.00135
365573.66	3766442.00	0.00127	365593.66	3766442.00	0.00121
365613.66	3766442.00	0.00118	365633.66	3766442.00	0.00116
365653.66	3766442.00	0.00115	365673.66	3766442.00	0.00114
365693.66	3766442.00	0.00111	365713.66	3766442.00	0.00108
365733.66	3766442.00	0.00104	365753.66	3766442.00	0.00099
365773.66	3766442.00	0.00094	365793.66	3766442.00	0.00089
365813.66	3766442.00	0.00084	365833.66	3766442.00	0.00079
365853.66	3766442.00	0.00075	365873.66	3766442.00	0.00071
365893.66	3766442.00	0.00068	365913.66	3766442.00	0.00064
365933.66	3766442.00	0.00061	365953.66	3766442.00	0.00059
365973.66	3766442.00	0.00057	365993.66	3766442.00	0.00054

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

			NOxOp.POU.txt		
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366013.66	3766442.00	0.00052	366033.66	3766442.00	0.00051
366053.66	3766442.00	0.00049	366073.66	3766442.00	0.00047
366093.66	3766442.00	0.00046	366113.66	3766442.00	0.00045
366133.66	3766442.00	0.00044	366153.66	3766442.00	0.00043
366173.66	3766442.00	0.00042	366193.66	3766442.00	0.00041
366213.66	3766442.00	0.00041	366233.66	3766442.00	0.00040
366253.66	3766442.00	0.00039	366273.66	3766442.00	0.00038
366293.66	3766442.00	0.00037	366313.66	3766442.00	0.00036
366333.66	3766442.00	0.00036	366353.66	3766442.00	0.00035
366373.66	3766442.00	0.00034	366393.66	3766442.00	0.00033
366413.66	3766442.00	0.00032	366433.66	3766442.00	0.00031
366453.66	3766442.00	0.00030	366473.66	3766442.00	0.00029
366493.66	3766442.00	0.00028	364713.66	3766462.00	0.00041
364733.66	3766462.00	0.00043	364753.66	3766462.00	0.00045
364773.66	3766462.00	0.00047	364793.66	3766462.00	0.00049
364813.66	3766462.00	0.00053	364833.66	3766462.00	0.00056
364853.66	3766462.00	0.00059	364873.66	3766462.00	0.00062
364893.66	3766462.00	0.00063	364913.66	3766462.00	0.00065
364933.66	3766462.00	0.00068	364953.66	3766462.00	0.00074
364973.66	3766462.00	0.00082	364993.66	3766462.00	0.00091
365013.66	3766462.00	0.00100	365033.66	3766462.00	0.00109
365053.66	3766462.00	0.00118	365073.66	3766462.00	0.00128
365093.66	3766462.00	0.00140	365113.66	3766462.00	0.00155
365133.66	3766462.00	0.00169	365153.66	3766462.00	0.00179
365173.66	3766462.00	0.00183	365193.66	3766462.00	0.00182
365213.66	3766462.00	0.00177	365233.66	3766462.00	0.00170
365253.66	3766462.00	0.00162	365273.66	3766462.00	0.00154
365293.66	3766462.00	0.00146	365313.66	3766462.00	0.00139
365333.66	3766462.00	0.00132	365353.66	3766462.00	0.00127
365373.66	3766462.00	0.00125	365393.66	3766462.00	0.00126
365413.66	3766462.00	0.00136	365433.66	3766462.00	0.00166
365453.66	3766462.00	0.00165	365473.66	3766462.00	0.00142
365493.66	3766462.00	0.00310	365513.66	3766462.00	0.00291
365533.66	3766462.00	0.00253	365553.66	3766462.00	0.00219
365573.66	3766462.00	0.00194	365593.66	3766462.00	0.00176
365613.66	3766462.00	0.00168	365633.66	3766462.00	0.00164
365653.66	3766462.00	0.00159	365673.66	3766462.00	0.00153
365693.66	3766462.00	0.00146	365713.66	3766462.00	0.00138
365733.66	3766462.00	0.00131	365753.66	3766462.00	0.00123
365773.66	3766462.00	0.00115	365793.66	3766462.00	0.00107

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748, L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760, L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365813.66	3766462.00	0.00099	365833.66	3766462.00	0.00092
365853.66	3766462.00	0.00086	365873.66	3766462.00	0.00081
365893.66	3766462.00	0.00077	365913.66	3766462.00	0.00073
365933.66	3766462.00	0.00069	365953.66	3766462.00	0.00066
365973.66	3766462.00	0.00063	365993.66	3766462.00	0.00060
366013.66	3766462.00	0.00058	366033.66	3766462.00	0.00055
366053.66	3766462.00	0.00053	366073.66	3766462.00	0.00052
366093.66	3766462.00	0.00050	366113.66	3766462.00	0.00049
366133.66	3766462.00	0.00048	366153.66	3766462.00	0.00047
366173.66	3766462.00	0.00046	366193.66	3766462.00	0.00045
366213.66	3766462.00	0.00044	366233.66	3766462.00	0.00043
366253.66	3766462.00	0.00042	366273.66	3766462.00	0.00041
366293.66	3766462.00	0.00040	366313.66	3766462.00	0.00039
366333.66	3766462.00	0.00038	366353.66	3766462.00	0.00037
366373.66	3766462.00	0.00036	366393.66	3766462.00	0.00035
366413.66	3766462.00	0.00034	366433.66	3766462.00	0.00033
366453.66	3766462.00	0.00032	366473.66	3766462.00	0.00031
366493.66	3766462.00	0.00030	364713.66	3766482.00	0.00038
364733.66	3766482.00	0.00040	364753.66	3766482.00	0.00041
364773.66	3766482.00	0.00043	364793.66	3766482.00	0.00046
364813.66	3766482.00	0.00049	364833.66	3766482.00	0.00052
364853.66	3766482.00	0.00054	364873.66	3766482.00	0.00056
364893.66	3766482.00	0.00058	364913.66	3766482.00	0.00060
364933.66	3766482.00	0.00063	364953.66	3766482.00	0.00069
364973.66	3766482.00	0.00076	364993.66	3766482.00	0.00084
365013.66	3766482.00	0.00091	365033.66	3766482.00	0.00098
365053.66	3766482.00	0.00105	365073.66	3766482.00	0.00113
365093.66	3766482.00	0.00121	365113.66	3766482.00	0.00132
365133.66	3766482.00	0.00145	365153.66	3766482.00	0.00156
365173.66	3766482.00	0.00163	365193.66	3766482.00	0.00165
365213.66	3766482.00	0.00163	365233.66	3766482.00	0.00159
365253.66	3766482.00	0.00154	365273.66	3766482.00	0.00149
365293.66	3766482.00	0.00143	365313.66	3766482.00	0.00138
365333.66	3766482.00	0.00133	365353.66	3766482.00	0.00130
365373.66	3766482.00	0.00129	365393.66	3766482.00	0.00133
365413.66	3766482.00	0.00146	365433.66	3766482.00	0.00183
365453.66	3766482.00	0.00319	365473.66	3766482.00	0.00419
365493.66	3766482.00	0.00481	365513.66	3766482.00	0.00412
365533.66	3766482.00	0.00365	365553.66	3766482.00	0.00308
365573.66	3766482.00	0.00355	365593.66	3766482.00	0.00325

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748, L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760, L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365613.66	3766482.00	0.00299	365633.66	3766482.00	0.00281
365653.66	3766482.00	0.00257	365673.66	3766482.00	0.00233
365693.66	3766482.00	0.00212	365713.66	3766482.00	0.00194
365733.66	3766482.00	0.00178	365753.66	3766482.00	0.00163

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365773.66	3766482.00	0.00147	365793.66	3766482.00	0.00133
365813.66	3766482.00	0.00120	365833.66	3766482.00	0.00109
365853.66	3766482.00	0.00101	365873.66	3766482.00	0.00095
365893.66	3766482.00	0.00090	365913.66	3766482.00	0.00085
365933.66	3766482.00	0.00080	365953.66	3766482.00	0.00076
365973.66	3766482.00	0.00072	365993.66	3766482.00	0.00068
366013.66	3766482.00	0.00064	366033.66	3766482.00	0.00061
366053.66	3766482.00	0.00059	366073.66	3766482.00	0.00057
366093.66	3766482.00	0.00055	366113.66	3766482.00	0.00054
366133.66	3766482.00	0.00053	366153.66	3766482.00	0.00052
366173.66	3766482.00	0.00050	366193.66	3766482.00	0.00049
366213.66	3766482.00	0.00048	366233.66	3766482.00	0.00047
366253.66	3766482.00	0.00046	366273.66	3766482.00	0.00045
366293.66	3766482.00	0.00043	366313.66	3766482.00	0.00042
366333.66	3766482.00	0.00041	366353.66	3766482.00	0.00040
366373.66	3766482.00	0.00039	366393.66	3766482.00	0.00037
366413.66	3766482.00	0.00036	366433.66	3766482.00	0.00035
366453.66	3766482.00	0.00034	366473.66	3766482.00	0.00033
366493.66	3766482.00	0.00031	364713.66	3766502.00	0.00036
364733.66	3766502.00	0.00037	364753.66	3766502.00	0.00038
364773.66	3766502.00	0.00040	364793.66	3766502.00	0.00043
364813.66	3766502.00	0.00045	364833.66	3766502.00	0.00048
364853.66	3766502.00	0.00050	364873.66	3766502.00	0.00051
364893.66	3766502.00	0.00053	364913.66	3766502.00	0.00055
364933.66	3766502.00	0.00059	364953.66	3766502.00	0.00064
364973.66	3766502.00	0.00070	364993.66	3766502.00	0.00077
365013.66	3766502.00	0.00083	365033.66	3766502.00	0.00089
365053.66	3766502.00	0.00095	365073.66	3766502.00	0.00101
365093.66	3766502.00	0.00107	365113.66	3766502.00	0.00115
365133.66	3766502.00	0.00125	365153.66	3766502.00	0.00135
365173.66	3766502.00	0.00143	365193.66	3766502.00	0.00148
365213.66	3766502.00	0.00149	365233.66	3766502.00	0.00148
365253.66	3766502.00	0.00145	365273.66	3766502.00	0.00142
365293.66	3766502.00	0.00138	365313.66	3766502.00	0.00134
365333.66	3766502.00	0.00131	365353.66	3766502.00	0.00129
365373.66	3766502.00	0.00129	365393.66	3766502.00	0.00132

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748, L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760, L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365413.66	3766502.00	0.00140	365433.66	3766502.00	0.00159
365453.66	3766502.00	0.00201	365473.66	3766502.00	0.00300
365493.66	3766502.00	0.00439	365513.66	3766502.00	0.00516
365533.66	3766502.00	0.00399	365553.66	3766502.00	0.00419
365573.66	3766502.00	0.00370	365593.66	3766502.00	0.00460
365613.66	3766502.00	0.00405	365633.66	3766502.00	0.00428
365653.66	3766502.00	0.00520	365673.66	3766502.00	0.00451
365693.66	3766502.00	0.00375	365713.66	3766502.00	0.00318
365733.66	3766502.00	0.00275	365753.66	3766502.00	0.00238
365773.66	3766502.00	0.00204	365793.66	3766502.00	0.00176
365813.66	3766502.00	0.00154	365833.66	3766502.00	0.00138
365853.66	3766502.00	0.00125	365873.66	3766502.00	0.00116
365893.66	3766502.00	0.00109	365913.66	3766502.00	0.00103
365933.66	3766502.00	0.00096	365953.66	3766502.00	0.00089
365973.66	3766502.00	0.00083	365993.66	3766502.00	0.00077
366013.66	3766502.00	0.00073	366033.66	3766502.00	0.00069
366053.66	3766502.00	0.00066	366073.66	3766502.00	0.00064
366093.66	3766502.00	0.00062	366113.66	3766502.00	0.00061
366133.66	3766502.00	0.00059	366153.66	3766502.00	0.00058
366173.66	3766502.00	0.00056	366193.66	3766502.00	0.00055
366213.66	3766502.00	0.00053	366233.66	3766502.00	0.00052
366253.66	3766502.00	0.00050	366273.66	3766502.00	0.00049
366293.66	3766502.00	0.00047	366313.66	3766502.00	0.00046
366333.66	3766502.00	0.00044	366353.66	3766502.00	0.00043
366373.66	3766502.00	0.00041	366393.66	3766502.00	0.00040
366413.66	3766502.00	0.00039	366433.66	3766502.00	0.00037
366453.66	3766502.00	0.00036	366473.66	3766502.00	0.00034
366493.66	3766502.00	0.00033	364713.66	3766522.00	0.00033
364733.66	3766522.00	0.00034	364753.66	3766522.00	0.00036
364773.66	3766522.00	0.00038	364793.66	3766522.00	0.00040
364813.66	3766522.00	0.00042	364833.66	3766522.00	0.00044
364853.66	3766522.00	0.00046	364873.66	3766522.00	0.00047
364893.66	3766522.00	0.00049	364913.66	3766522.00	0.00052
364933.66	3766522.00	0.00055	364953.66	3766522.00	0.00060
364973.66	3766522.00	0.00066	364993.66	3766522.00	0.00071
365013.66	3766522.00	0.00077	365033.66	3766522.00	0.00081
365053.66	3766522.00	0.00086	365073.66	3766522.00	0.00091
365093.66	3766522.00	0.00096	365113.66	3766522.00	0.00102
365133.66	3766522.00	0.00109	365153.66	3766522.00	0.00118
365173.66	3766522.00	0.00126	365193.66	3766522.00	0.00132

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748, L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760, L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX		IN MICROGRAMS/M**3		**	
X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365213.66	3766522.00	0.00136	365233.66	3766522.00	0.00136
365253.66	3766522.00	0.00135	365273.66	3766522.00	0.00133
365293.66	3766522.00	0.00131	365313.66	3766522.00	0.00129
365333.66	3766522.00	0.00127	365353.66	3766522.00	0.00125
365373.66	3766522.00	0.00125	365393.66	3766522.00	0.00127
365413.66	3766522.00	0.00131	365433.66	3766522.00	0.00140
365453.66	3766522.00	0.00159	365473.66	3766522.00	0.00194
365493.66	3766522.00	0.00243	365513.66	3766522.00	0.00308
365533.66	3766522.00	0.00381	365553.66	3766522.00	0.00473
365573.66	3766522.00	0.00575	365593.66	3766522.00	0.00530

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365613.66	3766522.00	0.00512	365633.66	3766522.00	0.00638
365653.66	3766522.00	0.00629	365673.66	3766522.00	0.00548
365693.66	3766522.00	0.00554	365713.66	3766522.00	0.00543
365733.66	3766522.00	0.00531	365753.66	3766522.00	0.00423
365773.66	3766522.00	0.00322	365793.66	3766522.00	0.00257
365813.66	3766522.00	0.00216	365833.66	3766522.00	0.00187
365853.66	3766522.00	0.00166	365873.66	3766522.00	0.00151
365893.66	3766522.00	0.00141	365913.66	3766522.00	0.00130
365933.66	3766522.00	0.00119	365953.66	3766522.00	0.00108
365973.66	3766522.00	0.00098	365993.66	3766522.00	0.00090
366013.66	3766522.00	0.00084	366033.66	3766522.00	0.00080
366053.66	3766522.00	0.00077	366073.66	3766522.00	0.00074
366093.66	3766522.00	0.00072	366113.66	3766522.00	0.00070
366133.66	3766522.00	0.00068	366153.66	3766522.00	0.00066
366173.66	3766522.00	0.00064	366193.66	3766522.00	0.00062
366213.66	3766522.00	0.00060	366233.66	3766522.00	0.00058
366253.66	3766522.00	0.00056	366273.66	3766522.00	0.00054
366293.66	3766522.00	0.00052	366313.66	3766522.00	0.00050
366333.66	3766522.00	0.00048	366353.66	3766522.00	0.00047
366373.66	3766522.00	0.00045	366393.66	3766522.00	0.00043
366413.66	3766522.00	0.00041	366433.66	3766522.00	0.00040
366453.66	3766522.00	0.00038	366473.66	3766522.00	0.00037
366493.66	3766522.00	0.00035	3664713.66	3766542.00	0.00031
364733.66	3766542.00	0.00032	364753.66	3766542.00	0.00034
364773.66	3766542.00	0.00036	364793.66	3766542.00	0.00038
364813.66	3766542.00	0.00040	364833.66	3766542.00	0.00041
364853.66	3766542.00	0.00043	364873.66	3766542.00	0.00044
364893.66	3766542.00	0.00046	364913.66	3766542.00	0.00049
364933.66	3766542.00	0.00052	364953.66	3766542.00	0.00056
364973.66	3766542.00	0.00061	364993.66	3766542.00	0.00066

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***MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365013.66	3766542.00	0.00071	365033.66	3766542.00	0.00075
365053.66	3766542.00	0.00079	365073.66	3766542.00	0.00082
365093.66	3766542.00	0.00086	365113.66	3766542.00	0.00091
365133.66	3766542.00	0.00096	365153.66	3766542.00	0.00103
365173.66	3766542.00	0.00111	365193.66	3766542.00	0.00118
365213.66	3766542.00	0.00122	365233.66	3766542.00	0.00125
365253.66	3766542.00	0.00125	365273.66	3766542.00	0.00125
365293.66	3766542.00	0.00124	365313.66	3766542.00	0.00122
365333.66	3766542.00	0.00121	365353.66	3766542.00	0.00120
365373.66	3766542.00	0.00120	365393.66	3766542.00	0.00121
365413.66	3766542.00	0.00123	365433.66	3766542.00	0.00128
365453.66	3766542.00	0.00138	365473.66	3766542.00	0.00155
365493.66	3766542.00	0.00177	365513.66	3766542.00	0.00207
365533.66	3766542.00	0.00245	365553.66	3766542.00	0.00290
365573.66	3766542.00	0.00348	365593.66	3766542.00	0.00436
365613.66	3766542.00	0.00586	365633.66	3766542.00	0.00779
365653.66	3766542.00	0.00875	365673.66	3766542.00	0.00915
365693.66	3766542.00	0.00833	365713.66	3766542.00	0.00799
365733.66	3766542.00	0.00676	365753.66	3766542.00	0.00572
365773.66	3766542.00	0.00476	365793.66	3766542.00	0.00422
365813.66	3766542.00	0.00356	365833.66	3766542.00	0.00295
365853.66	3766542.00	0.00249	365873.66	3766542.00	0.00223
365893.66	3766542.00	0.00204	365913.66	3766542.00	0.00179
365933.66	3766542.00	0.00157	365953.66	3766542.00	0.00136
365973.66	3766542.00	0.00120	365993.66	3766542.00	0.00109
366013.66	3766542.00	0.00101	366033.66	3766542.00	0.00096
366053.66	3766542.00	0.00092	366073.66	3766542.00	0.00088
366093.66	3766542.00	0.00085	366113.66	3766542.00	0.00082
366133.66	3766542.00	0.00079	366153.66	3766542.00	0.00076
366173.66	3766542.00	0.00073	366193.66	3766542.00	0.00070
366213.66	3766542.00	0.00068	366233.66	3766542.00	0.00065
366253.66	3766542.00	0.00063	366273.66	3766542.00	0.00061
366293.66	3766542.00	0.00058	366313.66	3766542.00	0.00056
366333.66	3766542.00	0.00054	366353.66	3766542.00	0.00051
366373.66	3766542.00	0.00049	366393.66	3766542.00	0.00047
366413.66	3766542.00	0.00045	366433.66	3766542.00	0.00043
366453.66	3766542.00	0.00041	366473.66	3766542.00	0.00039
366493.66	3766542.00	0.00037	364713.66	3766562.00	0.00029
364733.66	3766562.00	0.00030	364753.66	3766562.00	0.00032
364773.66	3766562.00	0.00034	364793.66	3766562.00	0.00035

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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***MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364813.66	3766562.00	0.00037	364833.66	3766562.00	0.00038
364853.66	3766562.00	0.00040	364873.66	3766562.00	0.00041
364893.66	3766562.00	0.00043	364913.66	3766562.00	0.00046
364933.66	3766562.00	0.00049	364953.66	3766562.00	0.00053
364973.66	3766562.00	0.00058	364993.66	3766562.00	0.00062
365013.66	3766562.00	0.00066	365033.66	3766562.00	0.00069
365053.66	3766562.00	0.00072	365073.66	3766562.00	0.00075
365093.66	3766562.00	0.00078	365113.66	3766562.00	0.00082
365133.66	3766562.00	0.00086	365153.66	3766562.00	0.00092
365173.66	3766562.00	0.00098	365193.66	3766562.00	0.00104
365213.66	3766562.00	0.00110	365233.66	3766562.00	0.00114
365253.66	3766562.00	0.00115	365273.66	3766562.00	0.00116
365293.66	3766562.00	0.00116	365313.66	3766562.00	0.00115
365333.66	3766562.00	0.00114	365353.66	3766562.00	0.00114
365373.66	3766562.00	0.00114	365393.66	3766562.00	0.00114
365413.66	3766562.00	0.00116	365433.66	3766562.00	0.00119

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365453.66	3766562.00	0.00125	365473.66	3766562.00	0.00134
365493.66	3766562.00	0.00146	365513.66	3766562.00	0.00162
365533.66	3766562.00	0.00183	365553.66	3766562.00	0.00208
365573.66	3766562.00	0.00239	365593.66	3766562.00	0.00280
365613.66	3766562.00	0.00337	365633.66	3766562.00	0.00412
365653.66	3766562.00	0.00506	365673.66	3766562.00	0.00616
365693.66	3766562.00	0.00752	365713.66	3766562.00	0.00880
365733.66	3766562.00	0.00779	365753.66	3766562.00	0.00768
365773.66	3766562.00	0.00597	365793.66	3766562.00	0.00493
365813.66	3766562.00	0.00416	365833.66	3766562.00	0.00363
365853.66	3766562.00	0.00396	365873.66	3766562.00	0.00308
365893.66	3766562.00	0.00375	365913.66	3766562.00	0.00319
365933.66	3766562.00	0.00231	365953.66	3766562.00	0.00187
365973.66	3766562.00	0.00161	365993.66	3766562.00	0.00143
366013.66	3766562.00	0.00130	366033.66	3766562.00	0.00122
366053.66	3766562.00	0.00116	366073.66	3766562.00	0.00111
366093.66	3766562.00	0.00106	366113.66	3766562.00	0.00101
366133.66	3766562.00	0.00096	366153.66	3766562.00	0.00091
366173.66	3766562.00	0.00087	366193.66	3766562.00	0.00083
366213.66	3766562.00	0.00079	366233.66	3766562.00	0.00075
366253.66	3766562.00	0.00072	366273.66	3766562.00	0.00069
366293.66	3766562.00	0.00066	366313.66	3766562.00	0.00063
366333.66	3766562.00	0.00060	366353.66	3766562.00	0.00057
366373.66	3766562.00	0.00054	366393.66	3766562.00	0.00052

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

366413.66	3766562.00	0.00049	366433.66	3766562.00	0.00046
366453.66	3766562.00	0.00044	366473.66	3766562.00	0.00042
366493.66	3766562.00	0.00040	366493.66	3766562.00	0.00028
366473.66	3766562.00	0.00029	366473.66	3766562.00	0.00030
3664773.66	3766562.00	0.00032	3664793.66	3766562.00	0.00033
3664813.66	3766562.00	0.00035	3664833.66	3766562.00	0.00036
3664853.66	3766562.00	0.00037	3664873.66	3766562.00	0.00039
3664893.66	3766562.00	0.00041	3664913.66	3766562.00	0.00043
3664933.66	3766562.00	0.00046	3664953.66	3766562.00	0.00050
3664973.66	3766562.00	0.00054	3664993.66	3766562.00	0.00058
3665013.66	3766562.00	0.00061	3665033.66	3766562.00	0.00064
3665053.66	3766562.00	0.00066	3665073.66	3766562.00	0.00069
3665093.66	3766562.00	0.00071	3665113.66	3766562.00	0.00074
3665133.66	3766562.00	0.00078	3665153.66	3766562.00	0.00082
3665173.66	3766562.00	0.00087	3665193.66	3766562.00	0.00093
3665213.66	3766562.00	0.00098	3665233.66	3766562.00	0.00103
3665253.66	3766562.00	0.00106	3665273.66	3766562.00	0.00107
3665293.66	3766562.00	0.00108	3665313.66	3766562.00	0.00108
3665333.66	3766562.00	0.00108	3665353.66	3766562.00	0.00107
3665373.66	3766562.00	0.00107	3665393.66	3766562.00	0.00108
3665413.66	3766562.00	0.00109	3665433.66	3766562.00	0.00111
3665453.66	3766562.00	0.00115	3665473.66	3766562.00	0.00120
3665493.66	3766562.00	0.00127	3665513.66	3766562.00	0.00136
3665533.66	3766562.00	0.00149	3665553.66	3766562.00	0.00164
3665573.66	3766562.00	0.00182	3665593.66	3766562.00	0.00205
3665613.66	3766562.00	0.00234	3665633.66	3766562.00	0.00269
3665653.66	3766562.00	0.00311	3665673.66	3766562.00	0.00359
3665693.66	3766562.00	0.00412	3665713.66	3766562.00	0.00469
3665733.66	3766562.00	0.00528	3665753.66	3766562.00	0.00573
3665773.66	3766562.00	0.00595	3665793.66	3766562.00	0.00612
3665813.66	3766562.00	0.00573	3665833.66	3766562.00	0.00612
3665853.66	3766562.00	0.00523	3665873.66	3766562.00	0.00510
3665893.66	3766562.00	0.00585	3665913.66	3766562.00	0.00831
3665933.66	3766562.00	0.00362	3665953.66	3766562.00	0.00301
3665973.66	3766562.00	0.00255	3665993.66	3766562.00	0.00215
3666013.66	3766562.00	0.00188	3666033.66	3766562.00	0.00173
3666053.66	3766562.00	0.00163	3666073.66	3766562.00	0.00152
3666093.66	3766562.00	0.00142	3666113.66	3766562.00	0.00132
3666133.66	3766562.00	0.00123	3666153.66	3766562.00	0.00115
3666173.66	3766562.00	0.00108	3666193.66	3766562.00	0.00101

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

366213.66	3766562.00	0.00096	366233.66	3766562.00	0.00090
366253.66	3766562.00	0.00086	366273.66	3766562.00	0.00081
366293.66	3766562.00	0.00077	366313.66	3766562.00	0.00073
366333.66	3766562.00	0.00069	366353.66	3766562.00	0.00065
366373.66	3766562.00	0.00061	366393.66	3766562.00	0.00057
366413.66	3766562.00	0.00054	366433.66	3766562.00	0.00051
366453.66	3766562.00	0.00048	366473.66	3766562.00	0.00046
366493.66	3766562.00	0.00043	3664713.66	3766602.00	0.00026
3664733.66	3766602.00	0.00028	3664753.66	3766602.00	0.00029
3664773.66	3766602.00	0.00030	3664793.66	3766602.00	0.00031
3664813.66	3766602.00	0.00032	3664833.66	3766602.00	0.00033
3664853.66	3766602.00	0.00035	3664873.66	3766602.00	0.00036
3664893.66	3766602.00	0.00039	3664913.66	3766602.00	0.00041
3664933.66	3766602.00	0.00044	3664953.66	3766602.00	0.00047
3664973.66	3766602.00	0.00051	3664993.66	3766602.00	0.00054
3665013.66	3766602.00	0.00057	3665033.66	3766602.00	0.00059
3665053.66	3766602.00	0.00061	3665073.66	3766602.00	0.00064
3665093.66	3766602.00	0.00066	3665113.66	3766602.00	0.00068
3665133.66	3766602.00	0.00071	3665153.66	3766602.00	0.00074
3665173.66	3766602.00	0.00078	3665193.66	3766602.00	0.00083
3665213.66	3766602.00	0.00088	3665233.66	3766602.00	0.00093
3665253.66	3766602.00	0.00096	3665273.66	3766602.00	0.00099

NOxOp.POU.txt
365293.66 3766602.00 0.00100 365313.66 3766602.00 0.00101
365333.66 3766602.00 0.00101 365353.66 3766602.00 0.00101
365373.66 3766602.00 0.00101 365393.66 3766602.00 0.00101
365413.66 3766602.00 0.00102 365433.66 3766602.00 0.00103
365453.66 3766602.00 0.00106 365473.66 3766602.00 0.00110
365493.66 3766602.00 0.00114 365513.66 3766602.00 0.00120
365533.66 3766602.00 0.00127 365553.66 3766602.00 0.00137
365573.66 3766602.00 0.00148 365593.66 3766602.00 0.00162
365613.66 3766602.00 0.00179 365633.66 3766602.00 0.00199
365653.66 3766602.00 0.00221 365673.66 3766602.00 0.00247
365693.66 3766602.00 0.00274 365713.66 3766602.00 0.00302
365733.66 3766602.00 0.00329 365753.66 3766602.00 0.00351
365773.66 3766602.00 0.00368 365793.66 3766602.00 0.00384
365813.66 3766602.00 0.00408 365833.66 3766602.00 0.00447
365853.66 3766602.00 0.00495 365873.66 3766602.00 0.00532
365893.66 3766602.00 0.00572 365913.66 3766602.00 0.00576
365933.66 3766602.00 0.00455 365953.66 3766602.00 0.00389
365973.66 3766602.00 0.00339 365993.66 3766602.00 0.00301
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NOX IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
366013.66 3766602.00 0.00267 366033.66 3766602.00 0.00309
366053.66 3766602.00 0.00287 366073.66 3766602.00 0.00251
366093.66 3766602.00 0.00220 366113.66 3766602.00 0.00195
366133.66 3766602.00 0.00175 366153.66 3766602.00 0.00158
366173.66 3766602.00 0.00145 366193.66 3766602.00 0.00133
366213.66 3766602.00 0.00123 366233.66 3766602.00 0.00114
366253.66 3766602.00 0.00107 366273.66 3766602.00 0.00100
366293.66 3766602.00 0.00094 366313.66 3766602.00 0.00087
366333.66 3766602.00 0.00081 366353.66 3766602.00 0.00075
366373.66 3766602.00 0.00070 366393.66 3766602.00 0.00065
366413.66 3766602.00 0.00060 366433.66 3766602.00 0.00056
366453.66 3766602.00 0.00053 366473.66 3766602.00 0.00050
366493.66 3766602.00 0.00047 364713.66 3766622.00 0.00025
364733.66 3766622.00 0.00026 364753.66 3766622.00 0.00027
364773.66 3766622.00 0.00028 364793.66 3766622.00 0.00029
364813.66 3766622.00 0.00030 364833.66 3766622.00 0.00032
364853.66 3766622.00 0.00033 364873.66 3766622.00 0.00035
364893.66 3766622.00 0.00037 364913.66 3766622.00 0.00039
364933.66 3766622.00 0.00042 364953.66 3766622.00 0.00045
364973.66 3766622.00 0.00048 364993.66 3766622.00 0.00051
365013.66 3766622.00 0.00053 365033.66 3766622.00 0.00055
365053.66 3766622.00 0.00057 365073.66 3766622.00 0.00059
365093.66 3766622.00 0.00061 365113.66 3766622.00 0.00062
365133.66 3766622.00 0.00065 365153.66 3766622.00 0.00067
365173.66 3766622.00 0.00071 365193.66 3766622.00 0.00075
365213.66 3766622.00 0.00079 365233.66 3766622.00 0.00084
365253.66 3766622.00 0.00088 365273.66 3766622.00 0.00091
365293.66 3766622.00 0.00092 365313.66 3766622.00 0.00094
365333.66 3766622.00 0.00094 365353.66 3766622.00 0.00094
365373.66 3766622.00 0.00095 365393.66 3766622.00 0.00095
365413.66 3766622.00 0.00095 365433.66 3766622.00 0.00097
365453.66 3766622.00 0.00099 365473.66 3766622.00 0.00101
365493.66 3766622.00 0.00104 365513.66 3766622.00 0.00108
365533.66 3766622.00 0.00112 365553.66 3766622.00 0.00118
365573.66 3766622.00 0.00126 365593.66 3766622.00 0.00135
365613.66 3766622.00 0.00146 365633.66 3766622.00 0.00158
365653.66 3766622.00 0.00172 365673.66 3766622.00 0.00187
365693.66 3766622.00 0.00203 365713.66 3766622.00 0.00220
365733.66 3766622.00 0.00235 365753.66 3766622.00 0.00249
365773.66 3766622.00 0.00260 365793.66 3766622.00 0.00269
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NOX IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365813.66 3766622.00 0.00278 365833.66 3766622.00 0.00288
365853.66 3766622.00 0.00302 365873.66 3766622.00 0.00316
365893.66 3766622.00 0.00335 365913.66 3766622.00 0.00367
365933.66 3766622.00 0.00420 365953.66 3766622.00 0.00433
365973.66 3766622.00 0.00355 365993.66 3766622.00 0.00380
366013.66 3766622.00 0.00368 366033.66 3766622.00 0.00338
366053.66 3766622.00 0.00345 366073.66 3766622.00 0.00399
366093.66 3766622.00 0.00371 366113.66 3766622.00 0.00365
366133.66 3766622.00 0.00308 366153.66 3766622.00 0.00259
366173.66 3766622.00 0.00224 366193.66 3766622.00 0.00196
366213.66 3766622.00 0.00174 366233.66 3766622.00 0.00157
366253.66 3766622.00 0.00142 366273.66 3766622.00 0.00130
366293.66 3766622.00 0.00120 366313.66 3766622.00 0.00109
366333.66 3766622.00 0.00100 366353.66 3766622.00 0.00090
366373.66 3766622.00 0.00082 366393.66 3766622.00 0.00075
366413.66 3766622.00 0.00069 366433.66 3766622.00 0.00064
366453.66 3766622.00 0.00060 366473.66 3766622.00 0.00056
366493.66 3766622.00 0.00053 364713.66 3766642.00 0.00024
364733.66 3766642.00 0.00025 364753.66 3766642.00 0.00026
364773.66 3766642.00 0.00027 364793.66 3766642.00 0.00028
364813.66 3766642.00 0.00029 364833.66 3766642.00 0.00030
364853.66 3766642.00 0.00031 364873.66 3766642.00 0.00033
364893.66 3766642.00 0.00035 364913.66 3766642.00 0.00037
364933.66 3766642.00 0.00040 364953.66 3766642.00 0.00043
364973.66 3766642.00 0.00045 364993.66 3766642.00 0.00048
365013.66 3766642.00 0.00050 365033.66 3766642.00 0.00051
365053.66 3766642.00 0.00053 365073.66 3766642.00 0.00055
365093.66 3766642.00 0.00056 365113.66 3766642.00 0.00058

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                                NOxOp.POU.txt
365133.66    3766642.00    0.00059    365153.66    3766642.00    0.00062
365173.66    3766642.00    0.00064    365193.66    3766642.00    0.00068
365213.66    3766642.00    0.00072    365233.66    3766642.00    0.00076
365253.66    3766642.00    0.00080    365273.66    3766642.00    0.00083
365293.66    3766642.00    0.00085    365313.66    3766642.00    0.00087
365333.66    3766642.00    0.00088    365353.66    3766642.00    0.00088
365373.66    3766642.00    0.00089    365393.66    3766642.00    0.00089
365413.66    3766642.00    0.00090    365433.66    3766642.00    0.00090
365453.66    3766642.00    0.00092    365473.66    3766642.00    0.00094
365493.66    3766642.00    0.00096    365513.66    3766642.00    0.00098
365533.66    3766642.00    0.00101    365553.66    3766642.00    0.00105
365573.66    3766642.00    0.00110    365593.66    3766642.00    0.00117
1 *** ISC3P - VERSION 04269 ***    *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc    ***
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**MODELOPTS: CONC                URBAN  FLAT  DEFAULT

*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL    ***
INCLUDING SOURCE(S):    L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)    Y-COORD (M)    CONC                X-COORD (M)    Y-COORD (M)    CONC
- - - - -
365613.66    3766642.00    0.00124    365633.66    3766642.00    0.00132
365653.66    3766642.00    0.00141    365673.66    3766642.00    0.00150
365693.66    3766642.00    0.00161    365713.66    3766642.00    0.00171
365733.66    3766642.00    0.00182    365753.66    3766642.00    0.00191
365773.66    3766642.00    0.00199    365793.66    3766642.00    0.00206
365813.66    3766642.00    0.00211    365833.66    3766642.00    0.00217
365853.66    3766642.00    0.00223    365873.66    3766642.00    0.00229
365893.66    3766642.00    0.00238    365913.66    3766642.00    0.00249
365933.66    3766642.00    0.00267    365953.66    3766642.00    0.00292
365973.66    3766642.00    0.00325    365993.66    3766642.00    0.00379
366013.66    3766642.00    0.00464    366033.66    3766642.00    0.00520
366053.66    3766642.00    0.00613    366073.66    3766642.00    0.00569
366093.66    3766642.00    0.00565    366113.66    3766642.00    0.00507
366133.66    3766642.00    0.00436    366153.66    3766642.00    0.00361
366173.66    3766642.00    0.00400    366193.66    3766642.00    0.00358
366213.66    3766642.00    0.00301    366233.66    3766642.00    0.00253
366253.66    3766642.00    0.00217    366273.66    3766642.00    0.00189
366293.66    3766642.00    0.00168    366313.66    3766642.00    0.00148
366333.66    3766642.00    0.00130    366353.66    3766642.00    0.00113
366373.66    3766642.00    0.00100    366393.66    3766642.00    0.00090
366413.66    3766642.00    0.00082    366433.66    3766642.00    0.00075
366453.66    3766642.00    0.00070    366473.66    3766642.00    0.00065
366493.66    3766642.00    0.00060    364713.66    3766662.00    0.00023
364733.66    3766662.00    0.00024    364753.66    3766662.00    0.00025
364773.66    3766662.00    0.00025    364793.66    3766662.00    0.00026
364813.66    3766662.00    0.00027    364833.66    3766662.00    0.00028
364853.66    3766662.00    0.00030    364873.66    3766662.00    0.00031
364893.66    3766662.00    0.00033    364913.66    3766662.00    0.00035
364933.66    3766662.00    0.00038    364953.66    3766662.00    0.00040
364973.66    3766662.00    0.00043    364993.66    3766662.00    0.00045
365013.66    3766662.00    0.00047    365033.66    3766662.00    0.00048
365053.66    3766662.00    0.00050    365073.66    3766662.00    0.00051
365093.66    3766662.00    0.00052    365113.66    3766662.00    0.00053
365133.66    3766662.00    0.00055    365153.66    3766662.00    0.00057
365173.66    3766662.00    0.00059    365193.66    3766662.00    0.00062
365213.66    3766662.00    0.00065    365233.66    3766662.00    0.00069
365253.66    3766662.00    0.00072    365273.66    3766662.00    0.00075
365293.66    3766662.00    0.00078    365313.66    3766662.00    0.00080
365333.66    3766662.00    0.00082    365353.66    3766662.00    0.00082
365373.66    3766662.00    0.00083    365393.66    3766662.00    0.00083
1 *** ISC3P - VERSION 04269 ***    *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc    ***
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**MODELOPTS: CONC                URBAN  FLAT  DEFAULT

*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL    ***
INCLUDING SOURCE(S):    L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)    Y-COORD (M)    CONC                X-COORD (M)    Y-COORD (M)    CONC
- - - - -
365413.66    3766662.00    0.00084    365433.66    3766662.00    0.00085
365453.66    3766662.00    0.00086    365473.66    3766662.00    0.00087
365493.66    3766662.00    0.00089    365513.66    3766662.00    0.00091
365533.66    3766662.00    0.00093    365553.66    3766662.00    0.00095
365573.66    3766662.00    0.00099    365593.66    3766662.00    0.00103
365613.66    3766662.00    0.00108    365633.66    3766662.00    0.00114
365653.66    3766662.00    0.00120    365673.66    3766662.00    0.00126
365693.66    3766662.00    0.00133    365713.66    3766662.00    0.00141
365733.66    3766662.00    0.00148    365753.66    3766662.00    0.00154
365773.66    3766662.00    0.00160    365793.66    3766662.00    0.00166
365813.66    3766662.00    0.00170    365833.66    3766662.00    0.00174
365853.66    3766662.00    0.00178    365873.66    3766662.00    0.00182
365893.66    3766662.00    0.00187    365913.66    3766662.00    0.00192
365933.66    3766662.00    0.00200    365953.66    3766662.00    0.00212
365973.66    3766662.00    0.00228    365993.66    3766662.00    0.00250
366013.66    3766662.00    0.00287    366033.66    3766662.00    0.00347
366053.66    3766662.00    0.00428    366073.66    3766662.00    0.00530
366093.66    3766662.00    0.00621    366113.66    3766662.00    0.00585
366133.66    3766662.00    0.00488    366153.66    3766662.00    0.00488
366173.66    3766662.00    0.00456    366193.66    3766662.00    0.00378
366213.66    3766662.00    0.00437    366233.66    3766662.00    0.00404
366253.66    3766662.00    0.00391    366273.66    3766662.00    0.00342
366293.66    3766662.00    0.00282    366313.66    3766662.00    0.00231
366333.66    3766662.00    0.00186    366353.66    3766662.00    0.00153
366373.66    3766662.00    0.00130    366393.66    3766662.00    0.00114
366413.66    3766662.00    0.00102    366433.66    3766662.00    0.00092
366453.66    3766662.00    0.00084    366473.66    3766662.00    0.00077
366493.66    3766662.00    0.00071    364713.66    3766682.00    0.00022
364733.66    3766682.00    0.00023    364753.66    3766682.00    0.00023
364773.66    3766682.00    0.00024    364793.66    3766682.00    0.00025
364813.66    3766682.00    0.00026    364833.66    3766682.00    0.00027
364853.66    3766682.00    0.00028    364873.66    3766682.00    0.00030
364893.66    3766682.00    0.00032    364913.66    3766682.00    0.00034
364933.66    3766682.00    0.00036    364953.66    3766682.00    0.00038

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364973.66 3766682.00 0.00040 NOxOp.POU.txt 364993.66 3766682.00 0.00042
365013.66 3766682.00 0.00044 365033.66 3766682.00 0.00045
365053.66 3766682.00 0.00046 365073.66 3766682.00 0.00048
365093.66 3766682.00 0.00049 365113.66 3766682.00 0.00050
365133.66 3766682.00 0.00051 365153.66 3766682.00 0.00052
365173.66 3766682.00 0.00054 365193.66 3766682.00 0.00056
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NOX IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365213.66 3766682.00 0.00059 365233.66 3766682.00 0.00062
365253.66 3766682.00 0.00066 365273.66 3766682.00 0.00069
365293.66 3766682.00 0.00072 365313.66 3766682.00 0.00074
365333.66 3766682.00 0.00076 365353.66 3766682.00 0.00077
365373.66 3766682.00 0.00078 365393.66 3766682.00 0.00078
365413.66 3766682.00 0.00079 365433.66 3766682.00 0.00079
365453.66 3766682.00 0.00080 365473.66 3766682.00 0.00081
365493.66 3766682.00 0.00083 365513.66 3766682.00 0.00084
365533.66 3766682.00 0.00085 365553.66 3766682.00 0.00087
365573.66 3766682.00 0.00090 365593.66 3766682.00 0.00093
365613.66 3766682.00 0.00097 365633.66 3766682.00 0.00101
365653.66 3766682.00 0.00105 365673.66 3766682.00 0.00109
365693.66 3766682.00 0.00114 365713.66 3766682.00 0.00119
365733.66 3766682.00 0.00124 365753.66 3766682.00 0.00129
365773.66 3766682.00 0.00134 365793.66 3766682.00 0.00138
365813.66 3766682.00 0.00142 365833.66 3766682.00 0.00146
365853.66 3766682.00 0.00149 365873.66 3766682.00 0.00151
365893.66 3766682.00 0.00155 365913.66 3766682.00 0.00158
365933.66 3766682.00 0.00162 365953.66 3766682.00 0.00169
365973.66 3766682.00 0.00177 365993.66 3766682.00 0.00189
366013.66 3766682.00 0.00205 366033.66 3766682.00 0.00229
366053.66 3766682.00 0.00261 366073.66 3766682.00 0.00301
366093.66 3766682.00 0.00348 366113.66 3766682.00 0.00404
366133.66 3766682.00 0.00474 366153.66 3766682.00 0.00557
366173.66 3766682.00 0.00631 366193.66 3766682.00 0.00600
366213.66 3766682.00 0.00551 366233.66 3766682.00 0.00548
366253.66 3766682.00 0.00510 366273.66 3766682.00 0.00437
366293.66 3766682.00 0.00351 366313.66 3766682.00 0.00344
366333.66 3766682.00 0.00311 366353.66 3766682.00 0.00243
366373.66 3766682.00 0.00196 366393.66 3766682.00 0.00163
366413.66 3766682.00 0.00139 366433.66 3766682.00 0.00121
366453.66 3766682.00 0.00108 366473.66 3766682.00 0.00097
366493.66 3766682.00 0.00087 364713.66 3766702.00 0.00021
364733.66 3766702.00 0.00022 364753.66 3766702.00 0.00022
364773.66 3766702.00 0.00023 364793.66 3766702.00 0.00024
364813.66 3766702.00 0.00025 364833.66 3766702.00 0.00026
364853.66 3766702.00 0.00027 364873.66 3766702.00 0.00029
364893.66 3766702.00 0.00030 364913.66 3766702.00 0.00032
364933.66 3766702.00 0.00034 364953.66 3766702.00 0.00036
364973.66 3766702.00 0.00038 364993.66 3766702.00 0.00040
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NOX IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365013.66 3766702.00 0.00041 365033.66 3766702.00 0.00043
365053.66 3766702.00 0.00044 365073.66 3766702.00 0.00045
365093.66 3766702.00 0.00046 365113.66 3766702.00 0.00046
365133.66 3766702.00 0.00047 365153.66 3766702.00 0.00049
365173.66 3766702.00 0.00050 365193.66 3766702.00 0.00052
365213.66 3766702.00 0.00054 365233.66 3766702.00 0.00057
365253.66 3766702.00 0.00060 365273.66 3766702.00 0.00063
365293.66 3766702.00 0.00066 365313.66 3766702.00 0.00068
365333.66 3766702.00 0.00070 365353.66 3766702.00 0.00071
365373.66 3766702.00 0.00072 365393.66 3766702.00 0.00073
365413.66 3766702.00 0.00074 365433.66 3766702.00 0.00074
365453.66 3766702.00 0.00075 365473.66 3766702.00 0.00076
365493.66 3766702.00 0.00077 365513.66 3766702.00 0.00078
365533.66 3766702.00 0.00079 365553.66 3766702.00 0.00081
365573.66 3766702.00 0.00082 365593.66 3766702.00 0.00085
365613.66 3766702.00 0.00087 365633.66 3766702.00 0.00090
365653.66 3766702.00 0.00094 365673.66 3766702.00 0.00097
365693.66 3766702.00 0.00100 365713.66 3766702.00 0.00104
365733.66 3766702.00 0.00108 365753.66 3766702.00 0.00111
365773.66 3766702.00 0.00115 365793.66 3766702.00 0.00118
365813.66 3766702.00 0.00122 365833.66 3766702.00 0.00125
365853.66 3766702.00 0.00127 365873.66 3766702.00 0.00130
365893.66 3766702.00 0.00132 365913.66 3766702.00 0.00134
365933.66 3766702.00 0.00137 365953.66 3766702.00 0.00141
365973.66 3766702.00 0.00146 365993.66 3766702.00 0.00153
366013.66 3766702.00 0.00162 366033.66 3766702.00 0.00174
366053.66 3766702.00 0.00189 366073.66 3766702.00 0.00208
366093.66 3766702.00 0.00231 366113.66 3766702.00 0.00257
366133.66 3766702.00 0.00287 366153.66 3766702.00 0.00322
366173.66 3766702.00 0.00365 366193.66 3766702.00 0.00419
366213.66 3766702.00 0.00488 366233.66 3766702.00 0.00574
366253.66 3766702.00 0.00638 366273.66 3766702.00 0.00602
366293.66 3766702.00 0.00500 366313.66 3766702.00 0.00458
366333.66 3766702.00 0.00426 366353.66 3766702.00 0.00327
366373.66 3766702.00 0.00261 366393.66 3766702.00 0.00209
366413.66 3766702.00 0.00227 366433.66 3766702.00 0.00194
366453.66 3766702.00 0.00163 366473.66 3766702.00 0.00141
366493.66 3766702.00 0.00122 364713.66 3766722.00 0.00020
364733.66 3766722.00 0.00021 364753.66 3766722.00 0.00021
364773.66 3766722.00 0.00022 364793.66 3766722.00 0.00023
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364813.66	3766722.00	0.00023	364833.66	3766722.00	0.00025
364853.66	3766722.00	0.00026	364873.66	3766722.00	0.00027
364893.66	3766722.00	0.00029	364913.66	3766722.00	0.00031
364933.66	3766722.00	0.00033	364953.66	3766722.00	0.00035
364973.66	3766722.00	0.00036	364993.66	3766722.00	0.00038
365013.66	3766722.00	0.00039	365033.66	3766722.00	0.00040
365053.66	3766722.00	0.00041	365073.66	3766722.00	0.00042
365093.66	3766722.00	0.00043	365113.66	3766722.00	0.00044
365133.66	3766722.00	0.00044	365153.66	3766722.00	0.00045
365173.66	3766722.00	0.00046	365193.66	3766722.00	0.00048
365213.66	3766722.00	0.00050	365233.66	3766722.00	0.00052
365253.66	3766722.00	0.00055	365273.66	3766722.00	0.00058
365293.66	3766722.00	0.00060	365313.66	3766722.00	0.00063
365333.66	3766722.00	0.00065	365353.66	3766722.00	0.00066
365373.66	3766722.00	0.00068	365393.66	3766722.00	0.00068
365413.66	3766722.00	0.00069	365433.66	3766722.00	0.00070
365453.66	3766722.00	0.00071	365473.66	3766722.00	0.00071
365493.66	3766722.00	0.00072	365513.66	3766722.00	0.00073
365533.66	3766722.00	0.00074	365553.66	3766722.00	0.00075
365573.66	3766722.00	0.00076	365593.66	3766722.00	0.00078
365613.66	3766722.00	0.00080	365633.66	3766722.00	0.00082
365653.66	3766722.00	0.00085	365673.66	3766722.00	0.00087
365693.66	3766722.00	0.00090	365713.66	3766722.00	0.00093
365733.66	3766722.00	0.00095	365753.66	3766722.00	0.00098
365773.66	3766722.00	0.00101	365793.66	3766722.00	0.00103
365813.66	3766722.00	0.00106	365833.66	3766722.00	0.00109
365853.66	3766722.00	0.00111	365873.66	3766722.00	0.00113
365893.66	3766722.00	0.00115	365913.66	3766722.00	0.00117
365933.66	3766722.00	0.00119	365953.66	3766722.00	0.00121
365973.66	3766722.00	0.00125	365993.66	3766722.00	0.00129
366013.66	3766722.00	0.00134	366033.66	3766722.00	0.00141
366053.66	3766722.00	0.00150	366073.66	3766722.00	0.00160
366093.66	3766722.00	0.00173	366113.66	3766722.00	0.00187
366133.66	3766722.00	0.00203	366153.66	3766722.00	0.00221
366173.66	3766722.00	0.00241	366193.66	3766722.00	0.00263
366213.66	3766722.00	0.00290	366233.66	3766722.00	0.00321
366253.66	3766722.00	0.00358	366273.66	3766722.00	0.00402
366293.66	3766722.00	0.00449	366313.66	3766722.00	0.00475
366333.66	3766722.00	0.00446	366353.66	3766722.00	0.00322
366373.66	3766722.00	0.00303	366393.66	3766722.00	0.00281

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366413.66	3766722.00	0.00248	366433.66	3766722.00	0.00215
366453.66	3766722.00	0.00230	366473.66	3766722.00	0.00182
366493.66	3766722.00	0.00155	366493.66	3766742.00	0.00019
366473.66	3766742.00	0.00020	366473.66	3766742.00	0.00020
3664773.66	3766742.00	0.00021	3664793.66	3766742.00	0.00022
3664813.66	3766742.00	0.00022	3664833.66	3766742.00	0.00024
3664853.66	3766742.00	0.00025	3664873.66	3766742.00	0.00026
3664893.66	3766742.00	0.00028	3664913.66	3766742.00	0.00029
3664933.66	3766742.00	0.00031	3664953.66	3766742.00	0.00033
3664973.66	3766742.00	0.00035	3664993.66	3766742.00	0.00036
3665013.66	3766742.00	0.00037	3665033.66	3766742.00	0.00038
3665053.66	3766742.00	0.00039	3665073.66	3766742.00	0.00039
3665093.66	3766742.00	0.00040	3665113.66	3766742.00	0.00041
3665133.66	3766742.00	0.00042	3665153.66	3766742.00	0.00042
3665173.66	3766742.00	0.00043	3665193.66	3766742.00	0.00045
3665213.66	3766742.00	0.00046	3665233.66	3766742.00	0.00048
3665253.66	3766742.00	0.00050	3665273.66	3766742.00	0.00053
3665293.66	3766742.00	0.00055	3665313.66	3766742.00	0.00058
3665333.66	3766742.00	0.00060	3665353.66	3766742.00	0.00062
3665373.66	3766742.00	0.00063	3665393.66	3766742.00	0.00064
3665413.66	3766742.00	0.00065	3665433.66	3766742.00	0.00066
3665453.66	3766742.00	0.00066	3665473.66	3766742.00	0.00067
3665493.66	3766742.00	0.00068	3665513.66	3766742.00	0.00068
3665533.66	3766742.00	0.00069	3665553.66	3766742.00	0.00070
3665573.66	3766742.00	0.00071	3665593.66	3766742.00	0.00072
3665613.66	3766742.00	0.00074	3665633.66	3766742.00	0.00076
3665653.66	3766742.00	0.00078	3665673.66	3766742.00	0.00080
3665693.66	3766742.00	0.00082	3665713.66	3766742.00	0.00084
3665733.66	3766742.00	0.00086	3665753.66	3766742.00	0.00088
3665773.66	3766742.00	0.00090	3665793.66	3766742.00	0.00092
3665813.66	3766742.00	0.00094	3665833.66	3766742.00	0.00096
3665853.66	3766742.00	0.00098	3665873.66	3766742.00	0.00100
3665893.66	3766742.00	0.00102	3665913.66	3766742.00	0.00103
3665933.66	3766742.00	0.00105	3665953.66	3766742.00	0.00106
3665973.66	3766742.00	0.00109	3665993.66	3766742.00	0.00112
3666013.66	3766742.00	0.00115	3666033.66	3766742.00	0.00120
3666053.66	3766742.00	0.00125	3666073.66	3766742.00	0.00131
3666093.66	3766742.00	0.00138	3666113.66	3766742.00	0.00146
3666133.66	3766742.00	0.00156	3666153.66	3766742.00	0.00166
3666173.66	3766742.00	0.00177	3666193.66	3766742.00	0.00190

**MODELOPTS: CONC

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
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INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366213.66	3766742.00	0.00203	366233.66	3766742.00	0.00217
366253.66	3766742.00	0.00233	366273.66	3766742.00	0.00249
366293.66	3766742.00	0.00265	366313.66	3766742.00	0.00276
366333.66	3766742.00	0.00281	366353.66	3766742.00	0.00287
366373.66	3766742.00	0.00303	366393.66	3766742.00	0.00328
366413.66	3766742.00	0.00341	366433.66	3766742.00	0.00317
366453.66	3766742.00	0.00270	366473.66	3766742.00	0.00229
366493.66	3766742.00	0.00202	366488.66	3766117.00	0.00030
364738.66	3766117.00	0.00032	364788.66	3766117.00	0.00032
364838.66	3766117.00	0.00036	364888.66	3766117.00	0.00068
364938.66	3766117.00	0.00073	364988.66	3766117.00	0.00054
365038.66	3766117.00	0.00047	365088.66	3766117.00	0.00046
365138.66	3766117.00	0.00058	365188.66	3766117.00	0.00059
365238.66	3766117.00	0.00052	365288.66	3766117.00	0.00046
365338.66	3766117.00	0.00041	365388.66	3766117.00	0.00037
365438.66	3766117.00	0.00034	365488.66	3766117.00	0.00032
365538.66	3766117.00	0.00030	365588.66	3766117.00	0.00029
365638.66	3766117.00	0.00028	365688.66	3766117.00	0.00028
365738.66	3766117.00	0.00027	365788.66	3766117.00	0.00027
365838.66	3766117.00	0.00026	365888.66	3766117.00	0.00025
365938.66	3766117.00	0.00025	365988.66	3766117.00	0.00024
366038.66	3766117.00	0.00023	366088.66	3766117.00	0.00022
366138.66	3766117.00	0.00022	366188.66	3766117.00	0.00021
366238.66	3766117.00	0.00020	366288.66	3766117.00	0.00019
366338.66	3766117.00	0.00018	366388.66	3766117.00	0.00018
366438.66	3766117.00	0.00017	366488.66	3766117.00	0.00016
366538.66	3766117.00	0.00016	366488.66	3766167.00	0.00048
366538.66	3766167.00	0.00017	366488.66	3766217.00	0.00067
366538.66	3766217.00	0.00018	366488.66	3766267.00	0.00069
366538.66	3766267.00	0.00019	366488.66	3766317.00	0.00062
366538.66	3766317.00	0.00021	366488.66	3766367.00	0.00052
366538.66	3766367.00	0.00023	366488.66	3766417.00	0.00044
366538.66	3766417.00	0.00025	366488.66	3766467.00	0.00039
366538.66	3766467.00	0.00028	366488.66	3766517.00	0.00032
366538.66	3766517.00	0.00031	366488.66	3766567.00	0.00027
366538.66	3766567.00	0.00036	366488.66	3766617.00	0.00024
366538.66	3766617.00	0.00044	366488.66	3766667.00	0.00022
366538.66	3766667.00	0.00058	366488.66	3766717.00	0.00020
366538.66	3766717.00	0.00082	366488.66	3766767.00	0.00018
364738.66	3766767.00	0.00019	364788.66	3766767.00	0.00020

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**MODELOPTS: CONC

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364838.66	3766767.00	0.00023	364888.66	3766767.00	0.00026
364938.66	3766767.00	0.00030	364988.66	3766767.00	0.00033
365038.66	3766767.00	0.00036	365088.66	3766767.00	0.00037
365138.66	3766767.00	0.00039	365188.66	3766767.00	0.00041
365238.66	3766767.00	0.00044	365288.66	3766767.00	0.00049
365338.66	3766767.00	0.00055	365388.66	3766767.00	0.00059
365438.66	3766767.00	0.00061	365488.66	3766767.00	0.00062
365538.66	3766767.00	0.00064	365588.66	3766767.00	0.00066
365638.66	3766767.00	0.00069	365688.66	3766767.00	0.00073
365738.66	3766767.00	0.00076	365788.66	3766767.00	0.00080
365838.66	3766767.00	0.00085	365888.66	3766767.00	0.00088
365938.66	3766767.00	0.00091	365988.66	3766767.00	0.00095
366038.66	3766767.00	0.00101	366088.66	3766767.00	0.00110
366138.66	3766767.00	0.00122	366188.66	3766767.00	0.00138
366238.66	3766767.00	0.00155	366288.66	3766767.00	0.00172
366338.66	3766767.00	0.00181	366388.66	3766767.00	0.00185
366438.66	3766767.00	0.00202	366488.66	3766767.00	0.00195
366538.66	3766767.00	0.00097	364663.66	3766092.00	0.00024
364713.66	3766092.00	0.00024	364763.66	3766092.00	0.00024
364813.66	3766092.00	0.00023	364863.66	3766092.00	0.00037
364913.66	3766092.00	0.00045	364963.66	3766092.00	0.00049
365013.66	3766092.00	0.00047	365063.66	3766092.00	0.00043
365113.66	3766092.00	0.00046	365163.66	3766092.00	0.00056
365213.66	3766092.00	0.00054	365263.66	3766092.00	0.00047
365313.66	3766092.00	0.00042	365363.66	3766092.00	0.00037
365413.66	3766092.00	0.00033	365463.66	3766092.00	0.00030
365513.66	3766092.00	0.00028	365563.66	3766092.00	0.00027
365613.66	3766092.00	0.00026	365663.66	3766092.00	0.00025
365713.66	3766092.00	0.00025	365763.66	3766092.00	0.00024
365813.66	3766092.00	0.00024	365863.66	3766092.00	0.00023
365913.66	3766092.00	0.00023	365963.66	3766092.00	0.00022
366013.66	3766092.00	0.00022	366063.66	3766092.00	0.00021
366113.66	3766092.00	0.00021	366163.66	3766092.00	0.00020
366213.66	3766092.00	0.00019	366263.66	3766092.00	0.00019
366313.66	3766092.00	0.00018	366363.66	3766092.00	0.00017
366413.66	3766092.00	0.00017	366463.66	3766092.00	0.00016
366513.66	3766092.00	0.00015	366563.66	3766092.00	0.00015
364663.66	3766142.00	0.00036	366563.66	3766142.00	0.00016
364663.66	3766192.00	0.00052	366563.66	3766192.00	0.00017
364663.66	3766242.00	0.00061	366563.66	3766242.00	0.00018

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364663.66	3766292.00	0.00058	366563.66	3766292.00	0.00019
364663.66	3766342.00	0.00052	366563.66	3766342.00	0.00021
364663.66	3766392.00	0.00044	366563.66	3766392.00	0.00023
364663.66	3766442.00	0.00039	366563.66	3766442.00	0.00025
364663.66	3766492.00	0.00034	366563.66	3766492.00	0.00028
364663.66	3766542.00	0.00029	366563.66	3766542.00	0.00032
364663.66	3766592.00	0.00025	366563.66	3766592.00	0.00037
364663.66	3766642.00	0.00022	366563.66	3766642.00	0.00045
364663.66	3766692.00	0.00020	366563.66	3766692.00	0.00055
364663.66	3766742.00	0.00018	366563.66	3766742.00	0.00070
364663.66	3766792.00	0.00016	364713.66	3766792.00	0.00017
364763.66	3766792.00	0.00018	364813.66	3766792.00	0.00020
364863.66	3766792.00	0.00023	364913.66	3766792.00	0.00026
364963.66	3766792.00	0.00030	365013.66	3766792.00	0.00032
365063.66	3766792.00	0.00034	365113.66	3766792.00	0.00035
365163.66	3766792.00	0.00037	365213.66	3766792.00	0.00039
365263.66	3766792.00	0.00042	365313.66	3766792.00	0.00047
365363.66	3766792.00	0.00052	365413.66	3766792.00	0.00055
365463.66	3766792.00	0.00057	365513.66	3766792.00	0.00059
365563.66	3766792.00	0.00060	365613.66	3766792.00	0.00062
365663.66	3766792.00	0.00065	365713.66	3766792.00	0.00068
365763.66	3766792.00	0.00070	365813.66	3766792.00	0.00073
365863.66	3766792.00	0.00077	365913.66	3766792.00	0.00080
365963.66	3766792.00	0.00082	366013.66	3766792.00	0.00085
366063.66	3766792.00	0.00090	366113.66	3766792.00	0.00096
366163.66	3766792.00	0.00104	366213.66	3766792.00	0.00114
366263.66	3766792.00	0.00123	366313.66	3766792.00	0.00130
366363.66	3766792.00	0.00133	366413.66	3766792.00	0.00131
366463.66	3766792.00	0.00128	366513.66	3766792.00	0.00106
366563.66	3766792.00	0.00069	364613.66	3766042.00	0.00016
364688.66	3766042.00	0.00016	364763.66	3766042.00	0.00015
364838.66	3766042.00	0.00018	364913.66	3766042.00	0.00023
364988.66	3766042.00	0.00035	365063.66	3766042.00	0.00039
365138.66	3766042.00	0.00040	365213.66	3766042.00	0.00050
365288.66	3766042.00	0.00043	365363.66	3766042.00	0.00035
365438.66	3766042.00	0.00029	365513.66	3766042.00	0.00025
365588.66	3766042.00	0.00023	365663.66	3766042.00	0.00021
365738.66	3766042.00	0.00020	365813.66	3766042.00	0.00019
365888.66	3766042.00	0.00019	365963.66	3766042.00	0.00019
366038.66	3766042.00	0.00018	366113.66	3766042.00	0.00018

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366188.66	3766042.00	0.00017	366263.66	3766042.00	0.00017
366338.66	3766042.00	0.00016	366413.66	3766042.00	0.00015
366488.66	3766042.00	0.00014	366563.66	3766042.00	0.00014
364613.66	3766117.00	0.00026	366563.66	3766117.00	0.00015
364613.66	3766192.00	0.00042	366563.66	3766192.00	0.00017
364613.66	3766267.00	0.00048	366563.66	3766267.00	0.00019
364613.66	3766342.00	0.00044	366563.66	3766342.00	0.00021
364613.66	3766417.00	0.00035	366563.66	3766417.00	0.00024
364613.66	3766492.00	0.00030	366563.66	3766492.00	0.00028
364613.66	3766567.00	0.00025	366563.66	3766567.00	0.00034
364613.66	3766642.00	0.00020	366563.66	3766642.00	0.00045
364613.66	3766717.00	0.00017	366563.66	3766717.00	0.00064
364613.66	3766792.00	0.00015	366563.66	3766792.00	0.00069
364613.66	3766867.00	0.00013	364688.66	3766867.00	0.00014
364763.66	3766867.00	0.00016	364838.66	3766867.00	0.00019
364913.66	3766867.00	0.00023	364988.66	3766867.00	0.00026
365063.66	3766867.00	0.00028	365138.66	3766867.00	0.00029
365213.66	3766867.00	0.00031	365288.66	3766867.00	0.00034
365363.66	3766867.00	0.00039	365438.66	3766867.00	0.00044
365513.66	3766867.00	0.00047	365588.66	3766867.00	0.00049
365663.66	3766867.00	0.00051	365738.66	3766867.00	0.00053
365813.66	3766867.00	0.00055	365888.66	3766867.00	0.00058
365963.66	3766867.00	0.00060	366038.66	3766867.00	0.00062
366113.66	3766867.00	0.00065	366188.66	3766867.00	0.00068
366263.66	3766867.00	0.00071	366338.66	3766867.00	0.00072
366413.66	3766867.00	0.00071	366488.66	3766867.00	0.00065
366563.66	3766867.00	0.00054	364513.66	3765942.00	0.00009
364613.66	3765942.00	0.00009	364713.66	3765942.00	0.00009
364813.66	3765942.00	0.00009	364913.66	3765942.00	0.00012
365013.66	3765942.00	0.00023	365113.66	3765942.00	0.00028
365213.66	3765942.00	0.00031	365313.66	3765942.00	0.00035
365413.66	3765942.00	0.00029	365513.66	3765942.00	0.00023
365613.66	3765942.00	0.00019	365713.66	3765942.00	0.00017
365813.66	3765942.00	0.00015	365913.66	3765942.00	0.00014
366013.66	3765942.00	0.00014	366113.66	3765942.00	0.00013
366213.66	3765942.00	0.00013	366313.66	3765942.00	0.00013
366413.66	3765942.00	0.00012	366513.66	3765942.00	0.00011
366613.66	3765942.00	0.00011	366713.66	3765942.00	0.00010
364513.66	3766042.00	0.00015	366613.66	3766042.00	0.00013
366713.66	3766042.00	0.00012	364513.66	3766142.00	0.00025

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366613.66	3766142.00	0.00015	366713.66	3766142.00	0.00014
364513.66	3766242.00	0.00033	366613.66	3766242.00	0.00017

NOxOp.POU.txt
366713.66 3766242.00 0.00015 364513.66 3766342.00 0.00032
366613.66 3766342.00 0.00020 366713.66 3766342.00 0.00017
364513.66 3766442.00 0.00026 366613.66 3766442.00 0.00023
366713.66 3766442.00 0.00020 364513.66 3766542.00 0.00022
366613.66 3766542.00 0.00028 366713.66 3766542.00 0.00023
364513.66 3766642.00 0.00018 366613.66 3766642.00 0.00036
366713.66 3766642.00 0.00027 364513.66 3766742.00 0.00014
366613.66 3766742.00 0.00048 366713.66 3766742.00 0.00031
364513.66 3766842.00 0.00012 366613.66 3766842.00 0.00046
366713.66 3766842.00 0.00030 364513.66 3766942.00 0.00011
364613.66 3766942.00 0.00012 364713.66 3766942.00 0.00013
364813.66 3766942.00 0.00016 364913.66 3766942.00 0.00020
365013.66 3766942.00 0.00023 365113.66 3766942.00 0.00024
365213.66 3766942.00 0.00025 365313.66 3766942.00 0.00028
365413.66 3766942.00 0.00033 365513.66 3766942.00 0.00038
365613.66 3766942.00 0.00041 365713.66 3766942.00 0.00042
365813.66 3766942.00 0.00044 365913.66 3766942.00 0.00046
366013.66 3766942.00 0.00048 366113.66 3766942.00 0.00049
366213.66 3766942.00 0.00050 366313.66 3766942.00 0.00051
366413.66 3766942.00 0.00050 366513.66 3766942.00 0.00046
366613.66 3766942.00 0.00038 366713.66 3766942.00 0.00030
364213.66 3765642.00 0.00003 364413.66 3765642.00 0.00003
364613.66 3765642.00 0.00003 364813.66 3765642.00 0.00003
365013.66 3765642.00 0.00009 365213.66 3765642.00 0.00011
365413.66 3765642.00 0.00014 365613.66 3765642.00 0.00015
365813.66 3765642.00 0.00012 366013.66 3765642.00 0.00010
366213.66 3765642.00 0.00009 366413.66 3765642.00 0.00008
366613.66 3765642.00 0.00007 366813.66 3765642.00 0.00006
367013.66 3765642.00 0.00006 364213.66 3765842.00 0.00006
364413.66 3765842.00 0.00006 364613.66 3765842.00 0.00006
364813.66 3765842.00 0.00006 365013.66 3765842.00 0.00016
365213.66 3765842.00 0.00021 365413.66 3765842.00 0.00025
365613.66 3765842.00 0.00018 365813.66 3765842.00 0.00014
366013.66 3765842.00 0.00012 366213.66 3765842.00 0.00011
366413.66 3765842.00 0.00010 366613.66 3765842.00 0.00009
366813.66 3765842.00 0.00008 367013.66 3765842.00 0.00007
364213.66 3766042.00 0.00010 364413.66 3766042.00 0.00013
366813.66 3766042.00 0.00011 367013.66 3766042.00 0.00010
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NOX IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
364213.66 3766242.00 0.00015 364413.66 3766242.00 0.00024
366813.66 3766242.00 0.00014 367013.66 3766242.00 0.00011
364213.66 3766442.00 0.00015 364413.66 3766442.00 0.00021
366813.66 3766442.00 0.00017 367013.66 3766442.00 0.00013
364213.66 3766642.00 0.00011 364413.66 3766642.00 0.00016
366813.66 3766642.00 0.00022 367013.66 3766642.00 0.00016
364213.66 3766842.00 0.00009 364413.66 3766842.00 0.00011
366813.66 3766842.00 0.00023 367013.66 3766842.00 0.00016
364213.66 3767042.00 0.00007 364413.66 3767042.00 0.00008
364613.66 3767042.00 0.00010 364813.66 3767042.00 0.00013
365013.66 3767042.00 0.00019 365213.66 3767042.00 0.00020
365413.66 3767042.00 0.00024 365613.66 3767042.00 0.00032
365813.66 3767042.00 0.00034 366013.66 3767042.00 0.00036
366213.66 3767042.00 0.00038 366413.66 3767042.00 0.00036
366613.66 3767042.00 0.00031 366813.66 3767042.00 0.00022
367013.66 3767042.00 0.00015 364213.66 3767242.00 0.00006
364413.66 3767242.00 0.00006 364613.66 3767242.00 0.00008
364813.66 3767242.00 0.00010 365013.66 3767242.00 0.00013
365213.66 3767242.00 0.00014 365413.66 3767242.00 0.00015
365613.66 3767242.00 0.00020 365813.66 3767242.00 0.00023
366013.66 3767242.00 0.00024 366213.66 3767242.00 0.00025
366413.66 3767242.00 0.00024 366613.66 3767242.00 0.00022
366813.66 3767242.00 0.00019 367013.66 3767242.00 0.00015
364749.41 3766145.50 0.00047 365164.66 3766254.25 0.00144
365136.59 3766369.25 0.00313 364719.78 3766265.75 0.00085
366491.12 3766752.50 0.00292 366496.31 3766728.25 0.00163
365453.47 3766452.00 0.00156 365450.00 3766474.50 0.00319
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NOX IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
364763.69 3766123.25 0.02175 (81011604) 364877.00 3766157.50 0.06616 (81022121)
364996.62 3766189.25 0.01620 (81010912) 365152.53 3766233.75 0.02173 (81120524)
365186.06 3766252.75 0.01945 (81120520) 364813.56 3766040.75 0.01347 (81112503)
364906.91 3766067.00 0.01381 (81120705) 365017.50 3766096.00 0.01779 (81072306)
365171.56 3766136.75 0.01570 (81022109) 364901.47 3765939.25 0.01226 (81111906)
364943.16 3765956.50 0.01302 (81020802) 365049.19 3765981.75 0.01349 (81122222)
365196.03 3766026.25 0.01371 (81091906) 365319.28 3766299.00 0.01592 (81070605)
365341.03 3766259.00 0.01518 (81061523) 365370.97 3766205.50 0.01400 (81091624)
365416.25 3766100.50 0.01166 (81061805) 365711.59 3766502.00 0.01638 (81021804)
366498.19 3766709.25 0.00911 (81091324) 365730.53 3766430.25 0.00687 (81090923)
366513.31 3766637.25 0.00401 (81101323) 365475.88 3766363.75 0.01149 (81062502)
365509.72 3766271.00 0.01088 (81061523) 365760.62 3766338.75 0.00668 (81080902)
366539.66 3766543.25 0.00300 (81101801) 364713.66 3766142.00 0.02268 (81042822)
364733.66 3766142.00 0.02365 (81082024) 364753.66 3766142.00 0.02454 (81061124)
364773.66 3766142.00 0.02519 (81061124) 364793.66 3766142.00 0.02509 (81011604)
364813.66 3766142.00 0.02357 (81061204) 364833.66 3766142.00 0.02532 (81031404)
364853.66 3766142.00 0.03521 (81020802) 364873.66 3766142.00 0.04306 (81122302)
364893.66 3766142.00 0.03752 (81010323) 364913.66 3766142.00 0.02740 (81100806)
364933.66 3766142.00 0.02019 (81032021) 364953.66 3766142.00 0.01841 (81060703)
364973.66 3766142.00 0.01789 (81112805) 364993.66 3766142.00 0.01808 (81100107)
365013.66 3766142.00 0.01837 (81061406) 365033.66 3766142.00 0.01785 (81011113)
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365053.66	3766142.00	0.01816	(81111909)	NoOp.POU.txt	365073.66	3766142.00	0.01853	(81011106)
365093.66	3766142.00	0.01864	(81092405)		365113.66	3766142.00	0.01836	(81031707)
365133.66	3766142.00	0.01775	(81090609)		365153.66	3766142.00	0.01687	(81060103)
365173.66	3766142.00	0.01584	(81121624)		365193.66	3766142.00	0.01473	(81060806)
365213.66	3766142.00	0.01450	(81061422)		365233.66	3766142.00	0.01455	(81061422)
365253.66	3766142.00	0.01463	(81061605)		365273.66	3766142.00	0.01461	(81071224)
365293.66	3766142.00	0.01444	(81040420)		365313.66	3766142.00	0.01422	(81110121)
365333.66	3766142.00	0.01409	(81061504)		365353.66	3766142.00	0.01354	(81061504)
365373.66	3766142.00	0.01302	(81030821)		365393.66	3766142.00	0.01264	(81071403)
365413.66	3766142.00	0.01222	(81071403)		365433.66	3766142.00	0.01171	(81022101)
365453.66	3766142.00	0.01129	(81051802)		365473.66	3766142.00	0.01084	(81050424)
365493.66	3766142.00	0.01046	(81111324)		365513.66	3766142.00	0.01006	(81111324)
365533.66	3766142.00	0.00969	(81121422)		365553.66	3766142.00	0.00933	(81051006)
365573.66	3766142.00	0.00902	(81061505)		365593.66	3766142.00	0.00872	(81061505)
365613.66	3766142.00	0.00840	(81061505)		365633.66	3766142.00	0.00810	(81061803)
365653.66	3766142.00	0.00781	(81110221)		365673.66	3766142.00	0.00754	(81110221)
365693.66	3766142.00	0.00728	(81062602)		365713.66	3766142.00	0.00703	(81050924)
365733.66	3766142.00	0.00681	(81071801)		365753.66	3766142.00	0.00659	(81071801)
365773.66	3766142.00	0.00638	(81071305)		365793.66	3766142.00	0.00619	(81091624)

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***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 103

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

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760, L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN MICROGRAMS/M**3				**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365813.66	3766142.00	0.00600	(81091624)	365833.66	3766142.00	0.00581	(81072104)
365853.66	3766142.00	0.00564	(81060823)	365873.66	3766142.00	0.00548	(81061701)
365893.66	3766142.00	0.00533	(81061701)	365913.66	3766142.00	0.00519	(81061701)
365933.66	3766142.00	0.00505	(81061701)	365953.66	3766142.00	0.00491	(81061701)
365973.66	3766142.00	0.00477	(81061701)	365993.66	3766142.00	0.00464	(81061801)
366013.66	3766142.00	0.00452	(81061801)	366033.66	3766142.00	0.00440	(81061801)
366053.66	3766142.00	0.00429	(81082124)	366073.66	3766142.00	0.00419	(81082124)
366093.66	3766142.00	0.00409	(81082124)	366113.66	3766142.00	0.00399	(81082124)
366133.66	3766142.00	0.00390	(81082124)	366153.66	3766142.00	0.00381	(81103120)
366173.66	3766142.00	0.00373	(81103120)	366193.66	3766142.00	0.00364	(81103120)
366213.66	3766142.00	0.00356	(81091724)	366233.66	3766142.00	0.00349	(81091724)
366253.66	3766142.00	0.00341	(81091724)	366273.66	3766142.00	0.00334	(81091724)
366293.66	3766142.00	0.00327	(81080223)	366313.66	3766142.00	0.00321	(81080223)
366333.66	3766142.00	0.00314	(81080223)	366353.66	3766142.00	0.00308	(81071903)
366373.66	3766142.00	0.00302	(81071903)	366393.66	3766142.00	0.00297	(81071903)
366413.66	3766142.00	0.00291	(81071903)	366433.66	3766142.00	0.00286	(81071903)
366453.66	3766142.00	0.00280	(81071903)	366473.66	3766142.00	0.00275	(81071903)
366493.66	3766142.00	0.00271	(81021602)	364713.66	3766162.00	0.02349	(81070324)
364733.66	3766162.00	0.02484	(81070324)	364753.66	3766162.00	0.02665	(81042822)
364773.66	3766162.00	0.02861	(81082024)	364793.66	3766162.00	0.03044	(81111120)
364813.66	3766162.00	0.03258	(81061124)	364833.66	3766162.00	0.03362	(81112919)
364853.66	3766162.00	0.05160	(81111906)	364873.66	3766162.00	0.07882	(81042021)
364893.66	3766162.00	0.05087	(81110921)	364913.66	3766162.00	0.03058	(81022604)
364933.66	3766162.00	0.02126	(81101723)	364953.66	3766162.00	0.01819	(81010809)
364973.66	3766162.00	0.01920	(81011215)	364993.66	3766162.00	0.01934	(81111910)
365013.66	3766162.00	0.01939	(81090611)	365033.66	3766162.00	0.01937	(81010411)
365053.66	3766162.00	0.01913	(81090308)	365073.66	3766162.00	0.01795	(81070207)
365093.66	3766162.00	0.01849	(81120704)	365113.66	3766162.00	0.01883	(81090609)
365133.66	3766162.00	0.01855	(81020906)	365153.66	3766162.00	0.01780	(81100808)
365173.66	3766162.00	0.01663	(81071006)	365193.66	3766162.00	0.01560	(81082305)
365213.66	3766162.00	0.01442	(81051606)	365233.66	3766162.00	0.01450	(81071224)
365253.66	3766162.00	0.01484	(81082104)	365273.66	3766162.00	0.01510	(81061504)
365293.66	3766162.00	0.01494	(81061504)	365313.66	3766162.00	0.01443	(81100103)
365333.66	3766162.00	0.01421	(81071403)	365353.66	3766162.00	0.01374	(81071403)
365373.66	3766162.00	0.01326	(81051802)	365393.66	3766162.00	0.01279	(81051802)
365413.66	3766162.00	0.01236	(81111324)	365433.66	3766162.00	0.01190	(81121422)
365453.66	3766162.00	0.01144	(81121422)	365473.66	3766162.00	0.01107	(81061505)
365493.66	3766162.00	0.01070	(81061505)	365513.66	3766162.00	0.01028	(81061803)
365533.66	3766162.00	0.00988	(81061803)	365553.66	3766162.00	0.00951	(81110221)
365573.66	3766162.00	0.00914	(81062602)	365593.66	3766162.00	0.00879	(81062602)

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***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 104

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

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760, L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN MICROGRAMS/M**3				**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365613.66	3766162.00	0.00848	(81071801)	365633.66	3766162.00	0.00817	(81071801)
365653.66	3766162.00	0.00789	(81091624)	365673.66	3766162.00	0.00762	(81091624)
365693.66	3766162.00	0.00735	(81091624)	365713.66	3766162.00	0.00710	(81061701)
365733.66	3766162.00	0.00688	(81061701)	365753.66	3766162.00	0.00667	(81061701)
365773.66	3766162.00	0.00646	(81061701)	365793.66	3766162.00	0.00625	(81061701)
365813.66	3766162.00	0.00604	(81061701)	365833.66	3766162.00	0.00585	(81061801)
365853.66	3766162.00	0.00567	(81061801)	365873.66	3766162.00	0.00550	(81082124)
365893.66	3766162.00	0.00535	(81082124)	365913.66	3766162.00	0.00520	(81082124)
365933.66	3766162.00	0.00505	(81082124)	365953.66	3766162.00	0.00491	(81103120)
365973.66	3766162.00	0.00478	(81103120)	365993.66	3766162.00	0.00466	(81103120)
366013.66	3766162.00	0.00454	(81091724)	366033.66	3766162.00	0.00442	(81091724)
366053.66	3766162.00	0.00431	(81091724)	366073.66	3766162.00	0.00420	(81080223)
366093.66	3766162.00	0.00410	(81080223)	366113.66	3766162.00	0.00400	(81071903)
366133.66	3766162.00	0.00391	(81071903)	366153.66	3766162.00	0.00382	(81071903)
366173.66	3766162.00	0.00373	(81071903)	366193.66	3766162.00	0.00365	(81071903)
366213.66	3766162.00	0.00357	(81071903)	366233.66	3766162.00	0.00349	(81021602)
366253.66	3766162.00	0.00342	(81021602)	366273.66	3766162.00	0.00335	(81021602)
366293.66	3766162.00	0.00328	(81021602)	366313.66	3766162.00	0.00321	(81062403)
366333.66	3766162.00	0.00315	(81062403)	366353.66	3766162.00	0.00309	(81062403)
366373.66	3766162.00	0.00303	(81062403)	366393.66	3766162.00	0.00297	(81062403)
366413.66	3766162.00	0.00292	(81062403)	366433.66	3766162.00	0.00287	(81062403)
366453.66	3766162.00	0.00281	(81062403)	366473.66	3766162.00	0.00276	(81082204)
366493.66	3766162.00	0.00272	(81061603)	364713.66	3766182.00	0.02308	(81082001)
364733.66	3766182.00	0.02487	(81082001)	364753.66	3766182.00	0.02661	(81070324)
364773.66	3766182.00	0.02974	(81070324)	364793.66	3766182.00	0.03304	(81070324)
364813.66	3766182.00	0.03873	(81042822)	364833.66	3766182.00	0.04883	(81111120)
364853.66	3766182.00	0.07139	(81061124)	364873.66	3766182.00	0.08577	(81111121)

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364893.66 3766182.00 0.05229 (81101723) NOxOp.POU.txt 364913.66 3766182.00 0.03001 (81040420)
364933.66 3766182.00 0.02097 (81012603) 364953.66 3766182.00 0.01907 (81030607)
364973.66 3766182.00 0.01775 (81011215) 364993.66 3766182.00 0.01751 (81111910)
365013.66 3766182.00 0.01776 (81090611) 365033.66 3766182.00 0.01860 (81122411)
365053.66 3766182.00 0.01918 (81011711) 365073.66 3766182.00 0.01949 (81022210)
365093.66 3766182.00 0.01838 (81112816) 365113.66 3766182.00 0.01881 (81022109)
365133.66 3766182.00 0.01908 (81060806) 365153.66 3766182.00 0.01867 (81082305)
365173.66 3766182.00 0.01771 (81051606) 365193.66 3766182.00 0.01647 (81091007)
365213.66 3766182.00 0.01512 (81092709) 365233.66 3766182.00 0.01514 (81061504)
365253.66 3766182.00 0.01504 (81100103) 365273.66 3766182.00 0.01527 (81071403)
365293.66 3766182.00 0.01494 (81022101) 365313.66 3766182.00 0.01469 (81051802)
365333.66 3766182.00 0.01435 (81111324) 365353.66 3766182.00 0.01393 (81121422)
365373.66 3766182.00 0.01356 (81061505) 365393.66 3766182.00 0.01319 (81061505)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365413.66	3766182.00	0.01270	(81061803)	365433.66	3766182.00	0.01219	(81110221)
365453.66	3766182.00	0.01172	(81110221)	365473.66	3766182.00	0.01124	(81062602)
365493.66	3766182.00	0.01082	(81071801)	365513.66	3766182.00	0.01040	(81091624)
365533.66	3766182.00	0.01001	(81091624)	365553.66	3766182.00	0.00961	(81091624)
365573.66	3766182.00	0.00928	(81061701)	365593.66	3766182.00	0.00895	(81061701)
365613.66	3766182.00	0.00862	(81061701)	365633.66	3766182.00	0.00830	(81061701)
365653.66	3766182.00	0.00798	(81061701)	365673.66	3766182.00	0.00768	(81061801)
365693.66	3766182.00	0.00740	(81061801)	365713.66	3766182.00	0.00715	(81082124)
365733.66	3766182.00	0.00691	(81082124)	365753.66	3766182.00	0.00668	(81103120)
365773.66	3766182.00	0.00647	(81103120)	365793.66	3766182.00	0.00626	(81091724)
365813.66	3766182.00	0.00607	(81091724)	365833.66	3766182.00	0.00588	(81091724)
365853.66	3766182.00	0.00570	(81080223)	365873.66	3766182.00	0.00553	(81080223)
365893.66	3766182.00	0.00537	(81071903)	365913.66	3766182.00	0.00522	(81071903)
365933.66	3766182.00	0.00507	(81071903)	365953.66	3766182.00	0.00493	(81071903)
365973.66	3766182.00	0.00479	(81021602)	365993.66	3766182.00	0.00467	(81021602)
366013.66	3766182.00	0.00455	(81062403)	366033.66	3766182.00	0.00443	(81062403)
366053.66	3766182.00	0.00432	(81062403)	366073.66	3766182.00	0.00422	(81062403)
366093.66	3766182.00	0.00412	(81062403)	366113.66	3766182.00	0.00402	(81062403)
366133.66	3766182.00	0.00392	(81062403)	366153.66	3766182.00	0.00383	(81061603)
366173.66	3766182.00	0.00374	(81061603)	366193.66	3766182.00	0.00366	(81061603)
366213.66	3766182.00	0.00358	(81061603)	366233.66	3766182.00	0.00350	(81061603)
366253.66	3766182.00	0.00343	(81061603)	366273.66	3766182.00	0.00336	(81081603)
366293.66	3766182.00	0.00329	(81081603)	366313.66	3766182.00	0.00322	(81081603)
366333.66	3766182.00	0.00316	(81081603)	366353.66	3766182.00	0.00310	(81081603)
366373.66	3766182.00	0.00304	(81081603)	366393.66	3766182.00	0.00298	(81081603)
366413.66	3766182.00	0.00292	(81081603)	366433.66	3766182.00	0.00287	(81081603)
366453.66	3766182.00	0.00281	(81111705)	366473.66	3766182.00	0.00276	(81050623)
366493.66	3766182.00	0.00272	(81050623)	366513.66	3766202.00	0.02225	(81061305)
366533.66	3766202.00	0.02397	(81102001)	366553.66	3766202.00	0.02609	(81111020)
366573.66	3766202.00	0.02872	(81111022)	366593.66	3766202.00	0.03269	(81082001)
366613.66	3766202.00	0.03881	(81082001)	366633.66	3766202.00	0.05290	(81070324)
366653.66	3766202.00	0.06429	(81031523)	366673.66	3766202.00	0.05007	(81041020)
366693.66	3766202.00	0.04757	(81090224)	366713.66	3766202.00	0.02835	(81122903)
366733.66	3766202.00	0.02007	(81032620)	366753.66	3766202.00	0.01755	(81112809)
366773.66	3766202.00	0.01545	(81010809)	366793.66	3766202.00	0.01291	(81010912)
366813.66	3766202.00	0.01394	(81120314)	366833.66	3766202.00	0.01715	(81122210)
366853.66	3766202.00	0.01816	(81122412)	366873.66	3766202.00	0.01889	(81112816)
366893.66	3766202.00	0.01887	(81122110)	366913.66	3766202.00	0.01922	(81011216)
366933.66	3766202.00	0.01965	(81120603)	366953.66	3766202.00	0.01960	(81011108)
366973.66	3766202.00	0.01869	(81031107)	366993.66	3766202.00	0.01731	(81110503)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365213.66	3766202.00	0.01590	(81011103)	365233.66	3766202.00	0.01500	(81051802)
365253.66	3766202.00	0.01531	(81111324)	365273.66	3766202.00	0.01541	(81061505)
365293.66	3766202.00	0.01551	(81061505)	365313.66	3766202.00	0.01521	(81061803)
365333.66	3766202.00	0.01480	(81110221)	365353.66	3766202.00	0.01430	(81062602)
365373.66	3766202.00	0.01386	(81071801)	365393.66	3766202.00	0.01339	(81091624)
365413.66	3766202.00	0.01291	(81061701)	365433.66	3766202.00	0.01248	(81061701)
365453.66	3766202.00	0.01200	(81061701)	365473.66	3766202.00	0.01151	(81061701)
365493.66	3766202.00	0.01101	(81061701)	365513.66	3766202.00	0.01052	(81061801)
365533.66	3766202.00	0.01010	(81082124)	365553.66	3766202.00	0.00970	(81103120)
365573.66	3766202.00	0.00933	(81103120)	365593.66	3766202.00	0.00898	(81091724)
365613.66	3766202.00	0.00864	(81091724)	365633.66	3766202.00	0.00831	(81080223)
365653.66	3766202.00	0.00800	(81071903)	365673.66	3766202.00	0.00772	(81071903)
365693.66	3766202.00	0.00744	(81071903)	365713.66	3766202.00	0.00718	(81071903)
365733.66	3766202.00	0.00693	(81062403)	365753.66	3766202.00	0.00671	(81062403)
365773.66	3766202.00	0.00650	(81062403)	365793.66	3766202.00	0.00629	(81062403)
365813.66	3766202.00	0.00609	(81062403)	365833.66	3766202.00	0.00590	(81062403)
365853.66	3766202.00	0.00572	(81061603)	365873.66	3766202.00	0.00555	(81061603)
365893.66	3766202.00	0.00539	(81061603)	365913.66	3766202.00	0.00524	(81061603)
365933.66	3766202.00	0.00509	(81081603)	365953.66	3766202.00	0.00495	(81081603)
365973.66	3766202.00	0.00481	(81081603)	365993.66	3766202.00	0.00468	(81081603)
366013.66	3766202.00	0.00456	(81081603)	366033.66	3766202.00	0.00444	(81081603)
366053.66	3766202.00	0.00433	(81081603)	366073.66	3766202.00	0.00422	(81071322)
366093.66	3766202.00	0.00412	(81071322)	366113.66	3766202.00	0.00402	(81071322)
366133.66	3766202.00	0.00393	(81071322)	366153.66	3766202.00	0.00384	(81071322)
366173.66	3766202.00	0.00375	(81071322)	366193.66	3766202.00	0.00367	(81071322)
366213.66	3766202.00	0.00359	(81071322)	366233.66	3766202.00	0.00351	(81071322)
366253.66	3766202.00	0.00344	(81071322)	366273.66	3766202.00	0.00337	(81071322)
366293.66	3766202.00	0.00330	(81071322)	366313.66	3766202.00	0.00323	(81071322)
366333.66	3766202.00	0.00317	(81071322)	366353.66	3766202.00	0.00310	(81071322)
366373.66	3766202.00	0.00304	(81091903)	366393.66	3766202.00	0.00299	(81091903)
366413.66	3766202.00	0.00293	(81091903)	366433.66	3766202.00	0.00288	(81091903)
366453.66	3766202.00	0.00283	(81091903)	366473.66	3766202.00	0.00278	(81091903)
366493.66	3766202.00	0.00273	(81091903)	366513.66	3766222.00	0.02117	(81042821)

364733.66 3766222.00 0.02275 (81042821) NOxOp.POU.txt 364753.66 3766222.00 0.02469 (81081922)
364773.66 3766222.00 0.02737 (81083103) 364793.66 3766222.00 0.03157 (81083103)
364813.66 3766222.00 0.03923 (81061305) 364833.66 3766222.00 0.05543 (81111020)
364853.66 3766222.00 0.05500 (81041702) 364873.66 3766222.00 0.06153 (81081002)
364893.66 3766222.00 0.04428 (81050419) 364913.66 3766222.00 0.02644 (81010124)
364933.66 3766222.00 0.01947 (81121910) 364953.66 3766222.00 0.01880 (81020712)
364973.66 3766222.00 0.01553 (81042911) 364993.66 3766222.00 0.01010 (81010823)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365013.66	3766222.00	0.00862	(81071124)	365033.66	3766222.00	0.01324	(81032615)
365053.66	3766222.00	0.01658	(81122113)	365073.66	3766222.00	0.01972	(81122112)
365093.66	3766222.00	0.02072	(81112815)	365113.66	3766222.00	0.02050	(81010509)
365133.66	3766222.00	0.02090	(81010805)	365153.66	3766222.00	0.02085	(81031509)
365173.66	3766222.00	0.01969	(81033007)	365193.66	3766222.00	0.01810	(81112410)
365213.66	3766222.00	0.01651	(81120524)	365233.66	3766222.00	0.01563	(81110221)
365253.66	3766222.00	0.01596	(81091624)	365273.66	3766222.00	0.01617	(81061701)
365293.66	3766222.00	0.01607	(81061701)	365313.66	3766222.00	0.01572	(81061701)
365333.66	3766222.00	0.01520	(81061701)	365353.66	3766222.00	0.01459	(81082124)
365373.66	3766222.00	0.01410	(81103120)	365393.66	3766222.00	0.01358	(81091724)
365413.66	3766222.00	0.01304	(81091724)	365433.66	3766222.00	0.01251	(81071903)
365453.66	3766222.00	0.01200	(81071903)	365473.66	3766222.00	0.01150	(81062403)
365493.66	3766222.00	0.01105	(81062403)	365513.66	3766222.00	0.01061	(81062403)
365533.66	3766222.00	0.01018	(81062403)	365553.66	3766222.00	0.00978	(81061603)
365573.66	3766222.00	0.00940	(81061603)	365593.66	3766222.00	0.00903	(81061603)
365613.66	3766222.00	0.00868	(81081603)	365633.66	3766222.00	0.00836	(81081603)
365653.66	3766222.00	0.00804	(81081603)	365673.66	3766222.00	0.00775	(81081603)
365693.66	3766222.00	0.00748	(81071322)	365713.66	3766222.00	0.00722	(81071322)
365733.66	3766222.00	0.00698	(81071322)	365753.66	3766222.00	0.00675	(81071322)
365773.66	3766222.00	0.00653	(81071322)	365793.66	3766222.00	0.00632	(81071322)
365813.66	3766222.00	0.00612	(81071322)	365833.66	3766222.00	0.00593	(81071322)
365853.66	3766222.00	0.00574	(81071322)	365873.66	3766222.00	0.00557	(81071322)
365893.66	3766222.00	0.00540	(81071322)	365913.66	3766222.00	0.00525	(81091903)
365933.66	3766222.00	0.00510	(81091903)	365953.66	3766222.00	0.00496	(81091903)
365973.66	3766222.00	0.00482	(81091903)	365993.66	3766222.00	0.00470	(81070504)
366013.66	3766222.00	0.00457	(81070504)	366033.66	3766222.00	0.00446	(81070504)
366053.66	3766222.00	0.00434	(81070504)	366073.66	3766222.00	0.00424	(81070504)
366093.66	3766222.00	0.00413	(81070504)	366113.66	3766222.00	0.00404	(81070504)
366133.66	3766222.00	0.00394	(81070504)	366153.66	3766222.00	0.00385	(81070504)
366173.66	3766222.00	0.00376	(81070504)	366193.66	3766222.00	0.00368	(81070504)
366213.66	3766222.00	0.00360	(81070504)	366233.66	3766222.00	0.00352	(81070504)
366253.66	3766222.00	0.00344	(81070504)	366273.66	3766222.00	0.00337	(81070504)
366293.66	3766222.00	0.00330	(81070504)	366313.66	3766222.00	0.00323	(81070504)
366333.66	3766222.00	0.00317	(81082102)	366353.66	3766222.00	0.00311	(81082102)
366373.66	3766222.00	0.00305	(81082102)	366393.66	3766222.00	0.00299	(81082102)
366413.66	3766222.00	0.00294	(81082102)	366433.66	3766222.00	0.00288	(81082102)
366453.66	3766222.00	0.00283	(81082102)	366473.66	3766222.00	0.00278	(81082102)
366493.66	3766222.00	0.00273	(81082102)	364713.66	3766242.00	0.01943	(81091723)
364733.66	3766242.00	0.02066	(81091723)	364753.66	3766242.00	0.02219	(81091723)
364773.66	3766242.00	0.02439	(81101921)	364793.66	3766242.00	0.02812	(81101921)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364813.66	3766242.00	0.03604	(81101921)	364833.66	3766242.00	0.05687	(81050521)
364853.66	3766242.00	0.06276	(81011020)	364873.66	3766242.00	0.05798	(81101022)
364893.66	3766242.00	0.03677	(81072021)	364913.66	3766242.00	0.02381	(81072602)
364933.66	3766242.00	0.01965	(81020710)	364953.66	3766242.00	0.01728	(81042908)
364973.66	3766242.00	0.01150	(81052623)	364993.66	3766242.00	0.00991	(81042822)
365013.66	3766242.00	0.01010	(81101508)	365033.66	3766242.00	0.00837	(81101924)
365053.66	3766242.00	0.01365	(81103011)	365073.66	3766242.00	0.01863	(81122111)
365093.66	3766242.00	0.02155	(81011115)	365113.66	3766242.00	0.02287	(81020907)
365133.66	3766242.00	0.02340	(81060201)	365153.66	3766242.00	0.02202	(81121205)
365173.66	3766242.00	0.02041	(81062903)	365193.66	3766242.00	0.01866	(81092704)
365213.66	3766242.00	0.01691	(81031108)	365233.66	3766242.00	0.01611	(81062403)
365253.66	3766242.00	0.01631	(81062403)	365273.66	3766242.00	0.01629	(81061603)
365293.66	3766242.00	0.01605	(81061603)	365313.66	3766242.00	0.01574	(81071322)
365333.66	3766242.00	0.01532	(81071322)	365353.66	3766242.00	0.01483	(81071322)
365373.66	3766242.00	0.01429	(81071322)	365393.66	3766242.00	0.01374	(81071322)
365413.66	3766242.00	0.01318	(81071322)	365433.66	3766242.00	0.01263	(81071322)
365453.66	3766242.00	0.01212	(81070504)	365473.66	3766242.00	0.01163	(81070504)
365493.66	3766242.00	0.01115	(81070504)	365513.66	3766242.00	0.01069	(81070504)
365533.66	3766242.00	0.01026	(81070504)	365553.66	3766242.00	0.00984	(81070504)
365573.66	3766242.00	0.00945	(81070504)	365593.66	3766242.00	0.00908	(81070504)
365613.66	3766242.00	0.00873	(81061424)	365633.66	3766242.00	0.00840	(81061424)
365653.66	3766242.00	0.00809	(81061424)	365673.66	3766242.00	0.00780	(81061424)
365693.66	3766242.00	0.00752	(81061424)	365713.66	3766242.00	0.00726	(81061424)
365733.66	3766242.00	0.00701	(81061424)	365753.66	3766242.00	0.00678	(81061424)
365773.66	3766242.00	0.00656	(81061424)	365793.66	3766242.00	0.00634	(81061424)
365813.66	3766242.00	0.00614	(81061424)	365833.66	3766242.00	0.00595	(81061424)
365853.66	3766242.00	0.00577	(81061424)	365873.66	3766242.00	0.00560	(81061424)
365893.66	3766242.00	0.00543	(81061424)	365913.66	3766242.00	0.00527	(81061424)
365933.66	3766242.00	0.00513	(81061424)	365953.66	3766242.00	0.00498	(81061424)
365973.66	3766242.00	0.00485	(81061424)	365993.66	3766242.00	0.00472	(81061424)
366013.66	3766242.00	0.00459	(81061424)	366033.66	3766242.00	0.00447	(81061424)
366053.66	3766242.00	0.00436	(81061424)	366073.66	3766242.00	0.00425	(81061424)
366093.66	3766242.00	0.00415	(81061424)	366113.66	3766242.00	0.00405	(81061424)
366133.66	3766242.00	0.00395	(81061424)	366153.66	3766242.00	0.00386	(81061424)
366173.66	3766242.00	0.00377	(81061424)	366193.66	3766242.00	0.00369	(81061424)
366213.66	3766242.00	0.00360	(81061424)	366233.66	3766242.00	0.00353	(81061424)
366253.66	3766242.00	0.00345	(81061424)	366273.66	3766242.00	0.00338	(81061424)
366293.66	3766242.00	0.00331	(81061424)	366313.66	3766242.00	0.00324	(81061424)
366333.66	3766242.00	0.00318	(81061424)	366353.66	3766242.00	0.00312	(81061424)

366373.66 3766242.00 0.00306 (81061424) NoOp.POU.txt 366393.66 3766242.00 0.00300 (81061424)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 109
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
** CONC OF NOX IN MICROGRAMS/M**3							
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366413.66	3766242.00	0.00294	(81061424)	366433.66	3766242.00	0.00289	(81061424)
366453.66	3766242.00	0.00284	(81061424)	366473.66	3766242.00	0.00279	(81061424)
366493.66	3766242.00	0.00274	(81061424)	364713.66	3766262.00	0.01758	(81060501)
364733.66	3766262.00	0.01812	(81060501)	364753.66	3766262.00	0.01859	(81060501)
364773.66	3766262.00	0.01896	(81060501)	364793.66	3766262.00	0.02294	(81081101)
364813.66	3766262.00	0.03534	(81041304)	364833.66	3766262.00	0.05713	(81082520)
364853.66	3766262.00	0.05117	(81121103)	364873.66	3766262.00	0.04463	(81050721)
364893.66	3766262.00	0.02998	(81041824)	364913.66	3766262.00	0.02113	(81062704)
364933.66	3766262.00	0.01927	(81010911)	364953.66	3766262.00	0.01662	(81061407)
364973.66	3766262.00	0.01088	(81011806)	364993.66	3766262.00	0.01052	(81102806)
365013.66	3766262.00	0.01054	(81092305)	365033.66	3766262.00	0.00959	(81082002)
365053.66	3766262.00	0.01184	(81042811)	365073.66	3766262.00	0.01893	(81112511)
365093.66	3766262.00	0.02180	(81060709)	365113.66	3766262.00	0.02298	(81060709)
365133.66	3766262.00	0.02258	(81062907)	365153.66	3766262.00	0.02191	(81092805)
365173.66	3766262.00	0.02051	(81092805)	365193.66	3766262.00	0.01881	(81042601)
365213.66	3766262.00	0.01706	(81042601)	365233.66	3766262.00	0.01665	(81061523)
365253.66	3766262.00	0.01681	(81061523)	365273.66	3766262.00	0.01672	(81061523)
365293.66	3766262.00	0.01644	(81061523)	365313.66	3766262.00	0.01604	(81061523)
365333.66	3766262.00	0.01555	(81061523)	365353.66	3766262.00	0.01501	(81061523)
365373.66	3766262.00	0.01444	(81061523)	365393.66	3766262.00	0.01386	(81061523)
365413.66	3766262.00	0.01329	(81061523)	365433.66	3766262.00	0.01273	(81061523)
365453.66	3766262.00	0.01220	(81061523)	365473.66	3766262.00	0.01168	(81061523)
365493.66	3766262.00	0.01118	(81061523)	365513.66	3766262.00	0.01071	(81061523)
365533.66	3766262.00	0.01027	(81061523)	365553.66	3766262.00	0.00985	(81090224)
365573.66	3766262.00	0.00946	(81090224)	365593.66	3766262.00	0.00909	(81090224)
365613.66	3766262.00	0.00874	(81090224)	365633.66	3766262.00	0.00841	(81090224)
365653.66	3766262.00	0.00810	(81090224)	365673.66	3766262.00	0.00780	(81090224)
365693.66	3766262.00	0.00752	(81090224)	365713.66	3766262.00	0.00726	(81090224)
365733.66	3766262.00	0.00701	(81090224)	365753.66	3766262.00	0.00677	(81090224)
365773.66	3766262.00	0.00655	(81090224)	365793.66	3766262.00	0.00633	(81090224)
365813.66	3766262.00	0.00613	(81090224)	365833.66	3766262.00	0.00594	(81090224)
365853.66	3766262.00	0.00576	(81090224)	365873.66	3766262.00	0.00559	(81090224)
365893.66	3766262.00	0.00542	(81090224)	365913.66	3766262.00	0.00526	(81090224)
365933.66	3766262.00	0.00512	(81090224)	365953.66	3766262.00	0.00497	(81090224)
365973.66	3766262.00	0.00484	(81090224)	365993.66	3766262.00	0.00471	(81090224)
366013.66	3766262.00	0.00458	(81090224)	366033.66	3766262.00	0.00446	(81090224)
366053.66	3766262.00	0.00435	(81090224)	366073.66	3766262.00	0.00424	(81090224)
366093.66	3766262.00	0.00414	(81090224)	366113.66	3766262.00	0.00404	(81090224)
366133.66	3766262.00	0.00394	(81090224)	366153.66	3766262.00	0.00385	(81090224)
366173.66	3766262.00	0.00377	(81090224)	366193.66	3766262.00	0.00368	(81090224)

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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 110
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***							
** CONC OF NOX IN MICROGRAMS/M**3							
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366213.66	3766262.00	0.00360	(81090224)	366233.66	3766262.00	0.00352	(81090224)
366253.66	3766262.00	0.00345	(81090224)	366273.66	3766262.00	0.00338	(81090224)
366293.66	3766262.00	0.00331	(81090224)	366313.66	3766262.00	0.00324	(81090224)
366333.66	3766262.00	0.00318	(81090224)	366353.66	3766262.00	0.00311	(81090224)
366373.66	3766262.00	0.00305	(81090224)	366393.66	3766262.00	0.00300	(81090224)
366413.66	3766262.00	0.00294	(81090224)	366433.66	3766262.00	0.00289	(81040606)
366453.66	3766262.00	0.00284	(81040606)	366473.66	3766262.00	0.00279	(81012520)
366493.66	3766262.00	0.00274	(81012520)	364713.66	3766282.00	0.01592	(81091622)
364733.66	3766282.00	0.01599	(81091622)	364753.66	3766282.00	0.01577	(81091622)
364773.66	3766282.00	0.01670	(81022308)	364793.66	3766282.00	0.02216	(81041304)
364813.66	3766282.00	0.03071	(81012003)	364833.66	3766282.00	0.03901	(81012523)
364853.66	3766282.00	0.04005	(81062404)	364873.66	3766282.00	0.03168	(81091620)
364893.66	3766282.00	0.02395	(81041720)	364913.66	3766282.00	0.01963	(81071706)
364933.66	3766282.00	0.01856	(81012514)	364953.66	3766282.00	0.01698	(81012514)
364973.66	3766282.00	0.01298	(81031412)	364993.66	3766282.00	0.00878	(81080802)
365013.66	3766282.00	0.00857	(81011009)	365033.66	3766282.00	0.00864	(81061602)
365053.66	3766282.00	0.01546	(81041213)	365073.66	3766282.00	0.02043	(81050916)
365093.66	3766282.00	0.02188	(81042809)	365113.66	3766282.00	0.02154	(81010310)
365133.66	3766282.00	0.02160	(81012417)	365153.66	3766282.00	0.02128	(81021409)
365173.66	3766282.00	0.02017	(81102605)	365193.66	3766282.00	0.01862	(81062307)
365213.66	3766282.00	0.01694	(81100707)	365233.66	3766282.00	0.01651	(81110119)
365253.66	3766282.00	0.01667	(81080324)	365273.66	3766282.00	0.01665	(81080324)
365293.66	3766282.00	0.01638	(81080324)	365313.66	3766282.00	0.01600	(81071124)
365333.66	3766282.00	0.01552	(81071124)	365353.66	3766282.00	0.01497	(81071124)
365373.66	3766282.00	0.01442	(81072604)	365393.66	3766282.00	0.01387	(81072604)
365413.66	3766282.00	0.01331	(81072604)	365433.66	3766282.00	0.01275	(81072604)
365453.66	3766282.00	0.01220	(81091422)	365473.66	3766282.00	0.01168	(81060323)
365493.66	3766282.00	0.01119	(81072724)	365513.66	3766282.00	0.01073	(81062503)
365533.66	3766282.00	0.01030	(81062503)	365553.66	3766282.00	0.00989	(81062503)
365573.66	3766282.00	0.00950	(81062503)	365593.66	3766282.00	0.00913	(81062503)
365613.66	3766282.00	0.00878	(81062503)	365633.66	3766282.00	0.00844	(81062503)
365653.66	3766282.00	0.00812	(81062503)	365673.66	3766282.00	0.00782	(81062503)
365693.66	3766282.00	0.00754	(81062503)	365713.66	3766282.00	0.00727	(81062503)
365733.66	3766282.00	0.00701	(81062503)	365753.66	3766282.00	0.00677	(81062503)
365773.66	3766282.00	0.00654	(81101001)	365793.66	3766282.00	0.00633	(81101001)
365813.66	3766282.00	0.00613	(81061523)	365833.66	3766282.00	0.00594	(81061523)
365853.66	3766282.00	0.00577	(81061523)	365873.66	3766282.00	0.00559	(81061523)
365893.66	3766282.00	0.00543	(81061523)	365913.66	3766282.00	0.00528	(81061523)
365933.66	3766282.00	0.00513	(81061523)	365953.66	3766282.00	0.00499	(81061523)
365973.66	3766282.00	0.00485	(81061523)	365993.66	3766282.00	0.00472	(81061523)

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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 111

NoxOp.POU.txt

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

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX		IN MICROGRAMS/M**3				**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366013.66	3766282.00	0.00460	(81061523)	366033.66	3766282.00	0.00448	(81061523)
366053.66	3766282.00	0.00437	(81061523)	366073.66	3766282.00	0.00426	(81061523)
366093.66	3766282.00	0.00415	(81061523)	366113.66	3766282.00	0.00405	(81061523)
366133.66	3766282.00	0.00396	(81061523)	366153.66	3766282.00	0.00387	(81061523)
366173.66	3766282.00	0.00378	(81061523)	366193.66	3766282.00	0.00369	(81061523)
366213.66	3766282.00	0.00361	(81061523)	366233.66	3766282.00	0.00353	(81061523)
366253.66	3766282.00	0.00346	(81061523)	366273.66	3766282.00	0.00339	(81061523)
366293.66	3766282.00	0.00332	(81061523)	366313.66	3766282.00	0.00325	(81061523)
366333.66	3766282.00	0.00319	(81061523)	366353.66	3766282.00	0.00312	(81061523)
366373.66	3766282.00	0.00306	(81061523)	366393.66	3766282.00	0.00301	(81061523)
366413.66	3766282.00	0.00295	(81061523)	366433.66	3766282.00	0.00290	(81061523)
366453.66	3766282.00	0.00284	(81061523)	366473.66	3766282.00	0.00280	(81042122)
366493.66	3766282.00	0.00275	(81042122)	364713.66	3766302.00	0.01479	(81092520)
364733.66	3766302.00	0.01470	(81092520)	364753.66	3766302.00	0.01444	(81092722)
364773.66	3766302.00	0.01550	(81102107)	364793.66	3766302.00	0.01946	(81050521)
364813.66	3766302.00	0.02405	(81082520)	364833.66	3766302.00	0.02732	(81021524)
364853.66	3766302.00	0.02712	(81112420)	364873.66	3766302.00	0.02352	(81120102)
364893.66	3766302.00	0.01933	(81041120)	364913.66	3766302.00	0.01932	(81061608)
364933.66	3766302.00	0.01943	(81061208)	364953.66	3766302.00	0.01746	(81031610)
364973.66	3766302.00	0.01562	(81040610)	364993.66	3766302.00	0.01333	(81022713)
365013.66	3766302.00	0.01123	(81031011)	365033.66	3766302.00	0.01428	(81040812)
365053.66	3766302.00	0.01768	(81032916)	365073.66	3766302.00	0.02032	(81011414)
365093.66	3766302.00	0.02100	(81052118)	365113.66	3766302.00	0.02049	(81060116)
365133.66	3766302.00	0.02104	(81100917)	365153.66	3766302.00	0.02069	(81091207)
365173.66	3766302.00	0.01965	(81112219)	365193.66	3766302.00	0.01820	(81032119)
365213.66	3766302.00	0.01662	(81010917)	365233.66	3766302.00	0.01662	(81071503)
365253.66	3766302.00	0.01671	(81072006)	365273.66	3766302.00	0.01664	(81072006)
365293.66	3766302.00	0.01649	(81091823)	365313.66	3766302.00	0.01610	(81091823)
365333.66	3766302.00	0.01559	(81070605)	365353.66	3766302.00	0.01501	(81110119)
365373.66	3766302.00	0.01447	(81110119)	365393.66	3766302.00	0.01387	(81110119)
365413.66	3766302.00	0.01329	(81080902)	365433.66	3766302.00	0.01274	(81092923)
365453.66	3766302.00	0.01220	(81092923)	365473.66	3766302.00	0.01171	(81080324)
365493.66	3766302.00	0.01123	(81080324)	365513.66	3766302.00	0.01075	(81080324)
365533.66	3766302.00	0.01031	(81071101)	365553.66	3766302.00	0.00989	(81071101)
365573.66	3766302.00	0.00950	(81071124)	365593.66	3766302.00	0.00912	(81071124)
365613.66	3766302.00	0.00877	(81071124)	365633.66	3766302.00	0.00843	(81091703)
365653.66	3766302.00	0.00811	(81091703)	365673.66	3766302.00	0.00781	(81072604)
365693.66	3766302.00	0.00754	(81072604)	365713.66	3766302.00	0.00728	(81072604)
365733.66	3766302.00	0.00702	(81072604)	365753.66	3766302.00	0.00679	(81072604)
365773.66	3766302.00	0.00656	(81072604)	365793.66	3766302.00	0.00634	(81091422)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX		IN MICROGRAMS/M**3				**	
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365813.66	3766302.00	0.00614	(81091422)	365833.66	3766302.00	0.00594	(81060323)
365853.66	3766302.00	0.00576	(81060323)	365873.66	3766302.00	0.00559	(81060323)
365893.66	3766302.00	0.00542	(81072724)	365913.66	3766302.00	0.00527	(81072724)
365933.66	3766302.00	0.00512	(81072724)	365953.66	3766302.00	0.00497	(81072724)
365973.66	3766302.00	0.00484	(81072724)	365993.66	3766302.00	0.00471	(81062503)
366013.66	3766302.00	0.00459	(81062503)	366033.66	3766302.00	0.00447	(81062503)
366053.66	3766302.00	0.00436	(81062503)	366073.66	3766302.00	0.00425	(81062503)
366093.66	3766302.00	0.00415	(81062503)	366113.66	3766302.00	0.00405	(81062503)
366133.66	3766302.00	0.00395	(81062503)	366153.66	3766302.00	0.00386	(81062503)
366173.66	3766302.00	0.00377	(81062503)	366193.66	3766302.00	0.00369	(81062503)
366213.66	3766302.00	0.00361	(81062503)	366233.66	3766302.00	0.00353	(81062503)
366253.66	3766302.00	0.00345	(81103022)	366273.66	3766302.00	0.00338	(81103022)
366293.66	3766302.00	0.00331	(81103022)	366313.66	3766302.00	0.00325	(81103022)
366333.66	3766302.00	0.00318	(81103022)	366353.66	3766302.00	0.00312	(81101001)
366373.66	3766302.00	0.00306	(81101001)	366393.66	3766302.00	0.00301	(81101001)
366413.66	3766302.00	0.00295	(81101001)	366433.66	3766302.00	0.00290	(81101001)
366453.66	3766302.00	0.00285	(81101001)	366473.66	3766302.00	0.00280	(81101001)
366493.66	3766302.00	0.00275	(81101001)	364713.66	3766322.00	0.01432	(81070403)
364733.66	3766322.00	0.01431	(81070403)	364753.66	3766322.00	0.01430	(81070724)
364773.66	3766322.00	0.01406	(81070802)	364793.66	3766322.00	0.01634	(81010706)
364813.66	3766322.00	0.01883	(81102024)	364833.66	3766322.00	0.02032	(81041521)
364853.66	3766322.00	0.02008	(81021405)	364873.66	3766322.00	0.01864	(81012304)
364893.66	3766322.00	0.01873	(81123009)	364913.66	3766322.00	0.01879	(81012803)
364933.66	3766322.00	0.01953	(81082009)	364953.66	3766322.00	0.01953	(81010711)
364973.66	3766322.00	0.01812	(81050809)	364993.66	3766322.00	0.01751	(81020314)
365013.66	3766322.00	0.01640	(81051511)	365033.66	3766322.00	0.01752	(81010515)
365053.66	3766322.00	0.01945	(81010114)	365073.66	3766322.00	0.02029	(81093012)
365093.66	3766322.00	0.02034	(81111215)	365113.66	3766322.00	0.02006	(81032917)
365133.66	3766322.00	0.02051	(81123015)	365153.66	3766322.00	0.02005	(81042422)
365173.66	3766322.00	0.01898	(81060209)	365193.66	3766322.00	0.01760	(81092718)
365213.66	3766322.00	0.01613	(81062207)	365233.66	3766322.00	0.01672	(81082523)
365253.66	3766322.00	0.01710	(81061423)	365273.66	3766322.00	0.01678	(81061423)
365293.66	3766322.00	0.01640	(81062502)	365313.66	3766322.00	0.01603	(81071503)
365333.66	3766322.00	0.01548	(81071503)	365353.66	3766322.00	0.01491	(81070304)
365373.66	3766322.00	0.01439	(81072006)	365393.66	3766322.00	0.01379	(81072006)
365413.66	3766322.00	0.01328	(81091823)	365433.66	3766322.00	0.01277	(81091823)
365453.66	3766322.00	0.01222	(81091823)	365473.66	3766322.00	0.01171	(81070605)
365493.66	3766322.00	0.01119	(81070605)	365513.66	3766322.00	0.01073	(81110119)
365533.66	3766322.00	0.01030	(81110119)	365553.66	3766322.00	0.00988	(81110119)
365573.66	3766322.00	0.00946	(81110119)	365593.66	3766322.00	0.00909	(81080902)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365613.66	3766322.00	0.00875	(81080902)	365633.66	3766322.00	0.00841	(81092923)
365653.66	3766322.00	0.00809	(81092923)	365673.66	3766322.00	0.00780	(81080324)
365693.66	3766322.00	0.00753	(81080324)	365713.66	3766322.00	0.00727	(81080324)
365733.66	3766322.00	0.00701	(81080324)	365753.66	3766322.00	0.00677	(81071101)
365773.66	3766322.00	0.00655	(81071101)	365793.66	3766322.00	0.00634	(81071101)
365813.66	3766322.00	0.00613	(81071124)	365833.66	3766322.00	0.00595	(81071124)
365853.66	3766322.00	0.00576	(81071124)	365873.66	3766322.00	0.00559	(81071124)
365893.66	3766322.00	0.00542	(81072402)	365913.66	3766322.00	0.00527	(81091703)
365933.66	3766322.00	0.00512	(81091703)	365953.66	3766322.00	0.00497	(81091703)
365973.66	3766322.00	0.00483	(81072604)	365993.66	3766322.00	0.00471	(81072604)
366013.66	3766322.00	0.00459	(81072604)	366033.66	3766322.00	0.00447	(81072604)
366053.66	3766322.00	0.00436	(81072604)	366073.66	3766322.00	0.00425	(81072604)
366093.66	3766322.00	0.00415	(81072604)	366113.66	3766322.00	0.00405	(81091422)
366133.66	3766322.00	0.00395	(81091422)	366153.66	3766322.00	0.00386	(81091422)
366173.66	3766322.00	0.00377	(81091422)	366193.66	3766322.00	0.00369	(81060323)
366213.66	3766322.00	0.00361	(81060323)	366233.66	3766322.00	0.00353	(81060323)
366253.66	3766322.00	0.00346	(81060323)	366273.66	3766322.00	0.00339	(81072724)
366293.66	3766322.00	0.00332	(81072724)	366313.66	3766322.00	0.00325	(81072724)
366333.66	3766322.00	0.00319	(81072724)	366353.66	3766322.00	0.00313	(81072724)
366373.66	3766322.00	0.00307	(81062503)	366393.66	3766322.00	0.00301	(81062503)
366413.66	3766322.00	0.00296	(81062503)	366433.66	3766322.00	0.00291	(81062503)
366453.66	3766322.00	0.00286	(81062503)	366473.66	3766322.00	0.00281	(81062503)
366493.66	3766322.00	0.00276	(81062503)	366513.66	3766342.00	0.01391	(81071222)
364733.66	3766342.00	0.01414	(81060423)	364753.66	3766342.00	0.01418	(81101920)
364773.66	3766342.00	0.01375	(81102721)	364793.66	3766342.00	0.01360	(81012021)
364813.66	3766342.00	0.01502	(81010505)	364833.66	3766342.00	0.01599	(81100407)
364853.66	3766342.00	0.01723	(81123009)	364873.66	3766342.00	0.01823	(81100907)
364893.66	3766342.00	0.01874	(81042509)	364913.66	3766342.00	0.01873	(81041709)
364933.66	3766342.00	0.01877	(81042209)	364953.66	3766342.00	0.01944	(81091308)
364973.66	3766342.00	0.01925	(81013010)	364993.66	3766342.00	0.01936	(81051518)
365013.66	3766342.00	0.01887	(81012814)	365033.66	3766342.00	0.01955	(81052016)
365053.66	3766342.00	0.01958	(81122315)	365073.66	3766342.00	0.01975	(81100117)
365093.66	3766342.00	0.01925	(81050213)	365113.66	3766342.00	0.01982	(81060111)
365133.66	3766342.00	0.01984	(81092701)	365153.66	3766342.00	0.01925	(81080819)
365173.66	3766342.00	0.01817	(81051406)	365193.66	3766342.00	0.01686	(81052910)
365213.66	3766342.00	0.01599	(81082505)	365233.66	3766342.00	0.01643	(81082623)
365253.66	3766342.00	0.01688	(81061703)	365273.66	3766342.00	0.01646	(81071724)
365293.66	3766342.00	0.01640	(81082523)	365313.66	3766342.00	0.01601	(81061423)
365333.66	3766342.00	0.01562	(81061423)	365353.66	3766342.00	0.01490	(81061423)
365373.66	3766342.00	0.01433	(81062502)	365393.66	3766342.00	0.01373	(81071503)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365413.66	3766342.00	0.01323	(81071503)	365433.66	3766342.00	0.01263	(81071503)
365453.66	3766342.00	0.01211	(81100822)	365473.66	3766342.00	0.01160	(81072006)
365493.66	3766342.00	0.01114	(81072006)	365513.66	3766342.00	0.01066	(81091324)
365533.66	3766342.00	0.01023	(81082006)	365553.66	3766342.00	0.00985	(81091823)
365573.66	3766342.00	0.00947	(81091823)	365593.66	3766342.00	0.00909	(81091823)
365613.66	3766342.00	0.00874	(81070605)	365633.66	3766342.00	0.00840	(81070605)
365653.66	3766342.00	0.00807	(81060402)	365673.66	3766342.00	0.00779	(81110119)
365693.66	3766342.00	0.00752	(81110119)	365713.66	3766342.00	0.00725	(81110119)
365733.66	3766342.00	0.00699	(81110119)	365753.66	3766342.00	0.00674	(81080902)
365773.66	3766342.00	0.00653	(81080902)	365793.66	3766342.00	0.00632	(81080902)
365813.66	3766342.00	0.00612	(81092923)	365833.66	3766342.00	0.00593	(81092923)
365853.66	3766342.00	0.00574	(81072204)	365873.66	3766342.00	0.00558	(81072204)
365893.66	3766342.00	0.00541	(81080324)	365913.66	3766342.00	0.00526	(81080324)
365933.66	3766342.00	0.00511	(81080324)	365953.66	3766342.00	0.00497	(81080324)
365973.66	3766342.00	0.00483	(81080324)	365993.66	3766342.00	0.00471	(81071101)
366013.66	3766342.00	0.00458	(81071101)	366033.66	3766342.00	0.00447	(81071101)
366053.66	3766342.00	0.00435	(81072803)	366073.66	3766342.00	0.00425	(81071124)
366093.66	3766342.00	0.00414	(81071124)	366113.66	3766342.00	0.00405	(81071124)
366133.66	3766342.00	0.00395	(81071124)	366153.66	3766342.00	0.00386	(81072402)
366173.66	3766342.00	0.00377	(81091703)	366193.66	3766342.00	0.00369	(81091703)
366213.66	3766342.00	0.00361	(81091703)	366233.66	3766342.00	0.00353	(81091703)
366253.66	3766342.00	0.00346	(81111402)	366273.66	3766342.00	0.00339	(81072604)
366293.66	3766342.00	0.00332	(81072604)	366313.66	3766342.00	0.00326	(81072604)
366333.66	3766342.00	0.00320	(81072604)	366353.66	3766342.00	0.00314	(81072604)
366373.66	3766342.00	0.00308	(81072604)	366393.66	3766342.00	0.00302	(81091422)
366413.66	3766342.00	0.00297	(81091422)	366433.66	3766342.00	0.00292	(81091422)
366453.66	3766342.00	0.00286	(81110922)	366473.66	3766342.00	0.00282	(81110922)
366493.66	3766342.00	0.00277	(81060323)	364713.66	3766362.00	0.01359	(81102721)
364733.66	3766362.00	0.01385	(81120319)	364753.66	3766362.00	0.01389	(81092521)
364773.66	3766362.00	0.01399	(81061823)	364793.66	3766362.00	0.01383	(81082122)
364813.66	3766362.00	0.01408	(81011410)	364833.66	3766362.00	0.01531	(81041008)
364853.66	3766362.00	0.01651	(81060506)	364873.66	3766362.00	0.01759	(81021609)
364893.66	3766362.00	0.01825	(81090511)	364913.66	3766362.00	0.01867	(81102612)
364933.66	3766362.00	0.01854	(81012813)	364953.66	3766362.00	0.01835	(81052309)
364973.66	3766362.00	0.01900	(81072409)	364993.66	3766362.00	0.01923	(81111611)
365013.66	3766362.00	0.01931	(81090207)	365033.66	3766362.00	0.01926	(81062419)
365053.66	3766362.00	0.01899	(81042610)	365073.66	3766362.00	0.01865	(81050214)
365093.66	3766362.00	0.01913	(81090118)	365113.66	3766362.00	0.01930	(81062808)
365133.66	3766362.00	0.01905	(81111413)	365153.66	3766362.00	0.01830	(81091518)
365173.66	3766362.00	0.01723	(81090219)	365193.66	3766362.00	0.01603	(81062810)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365213.66	3766362.00	0.01575	(81072605)	365233.66	3766362.00	0.01624	(81070505)

365253.66	3766362.00	0.01645	(81082602)	NoxOp.POU.txt	365273.66	3766362.00	0.01621	(81091505)
365293.66	3766362.00	0.01611	(81082623)		365313.66	3766362.00	0.01586	(81061703)
365333.66	3766362.00	0.01518	(81071724)		365353.66	3766362.00	0.01478	(81082523)
365373.66	3766362.00	0.01421	(81082523)		365393.66	3766362.00	0.01375	(81061423)
365413.66	3766362.00	0.01322	(81061423)		365433.66	3766362.00	0.01255	(81061423)
365453.66	3766362.00	0.01203	(81062502)		365473.66	3766362.00	0.01154	(81062502)
365493.66	3766362.00	0.01107	(81071503)		365513.66	3766362.00	0.01063	(81071503)
365533.66	3766362.00	0.01017	(81091506)		365553.66	3766362.00	0.00977	(81100822)
365573.66	3766362.00	0.00937	(81070304)		365593.66	3766362.00	0.00902	(81072006)
365613.66	3766362.00	0.00868	(81072006)		365633.66	3766362.00	0.00834	(81091324)
365653.66	3766362.00	0.00803	(81082006)		365673.66	3766362.00	0.00775	(81091823)
365693.66	3766362.00	0.00749	(81091823)		365713.66	3766362.00	0.00723	(81091823)
365733.66	3766362.00	0.00698	(81070605)		365753.66	3766362.00	0.00675	(81070605)
365773.66	3766362.00	0.00652	(81070605)		365793.66	3766362.00	0.00630	(81110821)
365813.66	3766362.00	0.00610	(81060402)		365833.66	3766362.00	0.00592	(81110119)
365853.66	3766362.00	0.00574	(81110119)		365873.66	3766362.00	0.00557	(81110119)
365893.66	3766362.00	0.00540	(81110119)		365913.66	3766362.00	0.00524	(81110119)
365933.66	3766362.00	0.00509	(81011721)		365953.66	3766362.00	0.00496	(81080902)
365973.66	3766362.00	0.00483	(81080902)		365993.66	3766362.00	0.00470	(81080902)
366013.66	3766362.00	0.00458	(81092923)		366033.66	3766362.00	0.00446	(81092923)
366053.66	3766362.00	0.00435	(81072204)		366073.66	3766362.00	0.00424	(81072204)
366093.66	3766362.00	0.00414	(81072204)		366113.66	3766362.00	0.00404	(81080324)
366133.66	3766362.00	0.00395	(81080324)		366153.66	3766362.00	0.00386	(81080324)
366173.66	3766362.00	0.00378	(81080324)		366193.66	3766362.00	0.00369	(81071101)
366213.66	3766362.00	0.00361	(81071101)		366233.66	3766362.00	0.00354	(81071101)
366253.66	3766362.00	0.00347	(81071101)		366273.66	3766362.00	0.00340	(81072803)
366293.66	3766362.00	0.00333	(81071124)		366313.66	3766362.00	0.00327	(81071124)
366333.66	3766362.00	0.00320	(81071124)		366353.66	3766362.00	0.00314	(81071124)
366373.66	3766362.00	0.00309	(81072402)		366393.66	3766362.00	0.00303	(81091703)
366413.66	3766362.00	0.00298	(81091703)		366433.66	3766362.00	0.00292	(81091703)
366453.66	3766362.00	0.00287	(81091703)		366473.66	3766362.00	0.00282	(81111402)
366493.66	3766362.00	0.00278	(81111402)		364713.66	3766382.00	0.01357	(81061823)
364733.66	3766382.00	0.01368	(81061823)		364753.66	3766382.00	0.01407	(81082122)
364773.66	3766382.00	0.01404	(81082422)		364793.66	3766382.00	0.01386	(81062501)
364813.66	3766382.00	0.01361	(81070723)		364833.66	3766382.00	0.01455	(81052810)
364853.66	3766382.00	0.01569	(81053104)		364873.66	3766382.00	0.01672	(81082207)
364893.66	3766382.00	0.01765	(81052508)		364913.66	3766382.00	0.01828	(81102124)
364933.66	3766382.00	0.01857	(81111222)		364953.66	3766382.00	0.01868	(81051519)
364973.66	3766382.00	0.01847	(81041914)		364993.66	3766382.00	0.01843	(81012802)

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**MODELOPTS: CONC

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
 L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
 L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365013.66	3766382.00	0.01814	(81030410)	365033.66	3766382.00	0.01805	(81051123)
365053.66	3766382.00	0.01855	(81041722)	365073.66	3766382.00	0.01869	(81082508)
365093.66	3766382.00	0.01880	(81020909)	365113.66	3766382.00	0.01860	(81081107)
365133.66	3766382.00	0.01805	(81110619)	365153.66	3766382.00	0.01723	(81060219)
365173.66	3766382.00	0.01622	(81072519)	365193.66	3766382.00	0.01511	(81092701)
365213.66	3766382.00	0.01551	(81080323)	365233.66	3766382.00	0.01630	(81061705)
365253.66	3766382.00	0.01606	(81072605)	365273.66	3766382.00	0.01604	(81070505)
365293.66	3766382.00	0.01587	(81082602)	365313.66	3766382.00	0.01543	(81082505)
365333.66	3766382.00	0.01491	(81091604)	365353.66	3766382.00	0.01456	(81082623)
365373.66	3766382.00	0.01411	(81061703)	365393.66	3766382.00	0.01343	(81071724)
365413.66	3766382.00	0.01293	(81082523)	365433.66	3766382.00	0.01247	(81082523)
365453.66	3766382.00	0.01189	(81082702)	365473.66	3766382.00	0.01152	(81061423)
365493.66	3766382.00	0.01105	(81061423)	365513.66	3766382.00	0.01051	(81061423)
365533.66	3766382.00	0.01009	(81062502)	365553.66	3766382.00	0.00971	(81062502)
365573.66	3766382.00	0.00932	(81090501)	365593.66	3766382.00	0.00898	(81071503)
365613.66	3766382.00	0.00864	(81071503)	365633.66	3766382.00	0.00830	(81091506)
365653.66	3766382.00	0.00800	(81100822)	365673.66	3766382.00	0.00771	(81070304)
365693.66	3766382.00	0.00743	(81072006)	365713.66	3766382.00	0.00718	(81072006)
365733.66	3766382.00	0.00694	(81072006)	365753.66	3766382.00	0.00670	(81091324)
365773.66	3766382.00	0.00648	(81082006)	365793.66	3766382.00	0.00628	(81082006)
365813.66	3766382.00	0.00609	(81091823)	365833.66	3766382.00	0.00591	(81091823)
365853.66	3766382.00	0.00573	(81091823)	365873.66	3766382.00	0.00555	(81070605)
365893.66	3766382.00	0.00540	(81070605)	365913.66	3766382.00	0.00524	(81070605)
365933.66	3766382.00	0.00509	(81070605)	365953.66	3766382.00	0.00495	(81060402)
365973.66	3766382.00	0.00482	(81060402)	365993.66	3766382.00	0.00469	(81110119)
366013.66	3766382.00	0.00457	(81110119)	366033.66	3766382.00	0.00446	(81110119)
366053.66	3766382.00	0.00434	(81110119)	366073.66	3766382.00	0.00423	(81110119)
366093.66	3766382.00	0.00413	(81011721)	366113.66	3766382.00	0.00404	(81080902)
366133.66	3766382.00	0.00395	(81080902)	366153.66	3766382.00	0.00386	(81080902)
366173.66	3766382.00	0.00378	(81092923)	366193.66	3766382.00	0.00370	(81092923)
366213.66	3766382.00	0.00362	(81092923)	366233.66	3766382.00	0.00354	(81072204)
366253.66	3766382.00	0.00347	(81072204)	366273.66	3766382.00	0.00340	(81072204)
366293.66	3766382.00	0.00334	(81080324)	366313.66	3766382.00	0.00327	(81080324)
366333.66	3766382.00	0.00321	(81080324)	366353.66	3766382.00	0.00315	(81080324)
366373.66	3766382.00	0.00309	(81071101)	366393.66	3766382.00	0.00304	(81071101)
366413.66	3766382.00	0.00299	(81071101)	366433.66	3766382.00	0.00294	(81071101)
366453.66	3766382.00	0.00289	(81071101)	366473.66	3766382.00	0.00284	(81072803)
366493.66	3766382.00	0.00279	(81071124)	364713.66	3766402.00	0.01346	(81082122)
364733.66	3766402.00	0.01370	(81082422)	364753.66	3766402.00	0.01391	(81062501)
364773.66	3766402.00	0.01396	(81070723)	364793.66	3766402.00	0.01405	(81070424)

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**MODELOPTS: CONC

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
 L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
 L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364813.66	3766402.00	0.01394	(81070323)	364833.66	3766402.00	0.01371	(81053107)
364853.66	3766402.00	0.01476	(81082207)	364873.66	3766402.00	0.01577	(81083107)
364893.66	3766402.00	0.01668	(81030512)	364913.66	3766402.00	0.01744	(81052904)
364933.66	3766402.00	0.01799	(81040109)	364953.66	3766402.00	0.01832	(81053005)
364973.66	3766402.00	0.01847	(81092908)	364993.66	3766402.00	0.01851	(81102401)
365013.66	3766402.00	0.01852	(81101008)	365033.66	3766402.00	0.01852	(81072907)
365053.66	3766402.00	0.01848	(81022018)	365073.66	3766402.00	0.01835	(81092022)

365093.66	3766402.00	0.01806	(81011017)	NoxOp.POU.txt	365113.66	3766402.00	0.01759	(81052602)
365133.66	3766402.00	0.01692	(81122020)		365153.66	3766402.00	0.01609	(81110619)
365173.66	3766402.00	0.01516	(81040723)		365193.66	3766402.00	0.01485	(81061723)
365213.66	3766402.00	0.01560	(81082622)		365233.66	3766402.00	0.01590	(81082621)
365253.66	3766402.00	0.01573	(81071123)		365273.66	3766402.00	0.01589	(81061705)
365293.66	3766402.00	0.01539	(81072605)		365313.66	3766402.00	0.01511	(81070505)
365333.66	3766402.00	0.01474	(81082602)		365353.66	3766402.00	0.01419	(81082505)
365373.66	3766402.00	0.01369	(81091505)		365393.66	3766402.00	0.01321	(81090902)
365413.66	3766402.00	0.01279	(81082623)		365433.66	3766402.00	0.01233	(81061703)
365453.66	3766402.00	0.01175	(81071724)		365473.66	3766402.00	0.01127	(81070121)
365493.66	3766402.00	0.01089	(81082523)		365513.66	3766402.00	0.01043	(81082702)
365533.66	3766402.00	0.01002	(81061423)		365553.66	3766402.00	0.00968	(81061423)
365573.66	3766402.00	0.00930	(81061423)		365593.66	3766402.00	0.00888	(81080122)
365613.66	3766402.00	0.00855	(81090923)		365633.66	3766402.00	0.00825	(81062502)
365653.66	3766402.00	0.00794	(81062502)		365673.66	3766402.00	0.00766	(81090501)
365693.66	3766402.00	0.00740	(81071503)		365713.66	3766402.00	0.00715	(81071503)
365733.66	3766402.00	0.00689	(81091506)		365753.66	3766402.00	0.00667	(81100822)
365773.66	3766402.00	0.00645	(81070304)		365793.66	3766402.00	0.00624	(81070304)
365813.66	3766402.00	0.00605	(81072006)		365833.66	3766402.00	0.00587	(81072006)
365853.66	3766402.00	0.00569	(81091324)		365873.66	3766402.00	0.00552	(81091324)
365893.66	3766402.00	0.00536	(81082006)		365913.66	3766402.00	0.00522	(81082006)
365933.66	3766402.00	0.00507	(81082006)		365953.66	3766402.00	0.00494	(81091823)
365973.66	3766402.00	0.00482	(81091823)		365993.66	3766402.00	0.00469	(81091823)
366013.66	3766402.00	0.00457	(81070605)		366033.66	3766402.00	0.00446	(81070605)
366053.66	3766402.00	0.00434	(81070605)		366073.66	3766402.00	0.00424	(81110821)
366093.66	3766402.00	0.00414	(81060402)		366113.66	3766402.00	0.00404	(81060402)
366133.66	3766402.00	0.00395	(81110119)		366153.66	3766402.00	0.00387	(81110119)
366173.66	3766402.00	0.00378	(81110119)		366193.66	3766402.00	0.00370	(81110119)
366213.66	3766402.00	0.00362	(81110119)		366233.66	3766402.00	0.00355	(81011721)
366253.66	3766402.00	0.00348	(81011721)		366273.66	3766402.00	0.00341	(81080902)
366293.66	3766402.00	0.00335	(81080902)		366313.66	3766402.00	0.00328	(81080902)
366333.66	3766402.00	0.00322	(81092923)		366353.66	3766402.00	0.00316	(81092923)
366373.66	3766402.00	0.00311	(81092923)		366393.66	3766402.00	0.00305	(81072204)

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

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760, L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN MICROGRAMS/M**3				**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366413.66	3766402.00	0.00300	(81072204)	366433.66	3766402.00	0.00295	(81072204)
366453.66	3766402.00	0.00290	(81080324)	366473.66	3766402.00	0.00285	(81080324)
366493.66	3766402.00	0.00281	(81080324)	366513.66	3766402.00	0.01323	(81081921)
366533.66	3766422.00	0.01339	(81092724)	366553.66	3766422.00	0.01381	(81070723)
366573.66	3766422.00	0.01404	(81070323)	366593.66	3766422.00	0.01399	(81061602)
366613.66	3766422.00	0.01382	(81081103)	366633.66	3766422.00	0.01339	(81051303)
366653.66	3766422.00	0.01378	(81083107)	366673.66	3766422.00	0.01470	(81041608)
366693.66	3766422.00	0.01556	(81090510)	366713.66	3766422.00	0.01632	(81011709)
366733.66	3766422.00	0.01693	(81102603)	366753.66	3766422.00	0.01741	(81081808)
366773.66	3766422.00	0.01772	(81090610)	366793.66	3766422.00	0.01788	(81081905)
366813.66	3766422.00	0.01793	(81101008)	366833.66	3766422.00	0.01786	(81072208)
366853.66	3766422.00	0.01769	(81112117)	366873.66	3766422.00	0.01739	(81051506)
366893.66	3766422.00	0.01696	(81010718)	366913.66	3766422.00	0.01640	(81010309)
366933.66	3766422.00	0.01571	(81070919)	366953.66	3766422.00	0.01493	(81100111)
366973.66	3766422.00	0.01411	(81070603)	367033.66	3766422.00	0.01483	(81071422)
367013.66	3766422.00	0.01507	(81061301)	367073.66	3766422.00	0.01540	(81082502)
367053.66	3766422.00	0.01548	(81082423)	367113.66	3766422.00	0.01529	(81080323)
367093.66	3766422.00	0.01511	(81061705)	367153.66	3766422.00	0.01485	(81061705)
367133.66	3766422.00	0.01431	(81072605)	367193.66	3766422.00	0.01392	(81070505)
367173.66	3766422.00	0.01344	(81082602)	367233.66	3766422.00	0.01300	(81082602)
367213.66	3766422.00	0.01252	(81082505)	367273.66	3766422.00	0.01200	(81091604)
367253.66	3766422.00	0.01157	(81090902)	367313.66	3766422.00	0.01118	(81082623)
367293.66	3766422.00	0.01076	(81061703)	367353.66	3766422.00	0.01028	(81071724)
367333.66	3766422.00	0.00987	(81070121)	367393.66	3766422.00	0.00953	(81082523)
367373.66	3766422.00	0.00918	(81082523)	367433.66	3766422.00	0.00880	(81081404)
367413.66	3766422.00	0.00850	(81061423)	367473.66	3766422.00	0.00823	(81061423)
367453.66	3766422.00	0.00791	(81061423)	367513.66	3766422.00	0.00759	(81080122)
367493.66	3766422.00	0.00734	(81090923)	367553.66	3766422.00	0.00710	(81062502)
367533.66	3766422.00	0.00686	(81062502)	367593.66	3766422.00	0.00663	(81090501)
367573.66	3766422.00	0.00642	(81071503)	367633.66	3766422.00	0.00623	(81071503)
367613.66	3766422.00	0.00603	(81071503)	367673.66	3766422.00	0.00584	(81091506)
367653.66	3766422.00	0.00568	(81100822)	367713.66	3766422.00	0.00551	(81070304)
367693.66	3766422.00	0.00535	(81070304)	367753.66	3766422.00	0.00520	(81072006)
367733.66	3766422.00	0.00507	(81072006)	367793.66	3766422.00	0.00493	(81072006)
367773.66	3766422.00	0.00480	(81091324)	367833.66	3766422.00	0.00467	(81110104)
367813.66	3766422.00	0.00456	(81082006)	367873.66	3766422.00	0.00445	(81082006)
367853.66	3766422.00	0.00434	(81082006)	367913.66	3766422.00	0.00424	(81091823)
367893.66	3766422.00	0.00415	(81091823)	367953.66	3766422.00	0.00405	(81091823)
367933.66	3766422.00	0.00396	(81070605)	367993.66	3766422.00	0.00388	(81070605)
367973.66	3766422.00	0.00379	(81070605)	368033.66	3766422.00	0.00371	(81070605)

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

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760, L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN MICROGRAMS/M**3				**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366213.66	3766422.00	0.00363	(81110821)	366233.66	3766422.00	0.00356	(81060402)
366253.66	3766422.00	0.00349	(81060402)	366273.66	3766422.00	0.00343	(81110119)
366293.66	3766422.00	0.00336	(81110119)	366313.66	3766422.00	0.00330	(81110119)
366333.66	3766422.00	0.00324	(81110119)	366353.66	3766422.00	0.00318	(81110119)
366373.66	3766422.00	0.00312	(81011721)	366393.66	3766422.00	0.00307	(81011721)
366413.66	3766422.00	0.00302	(81080902)	366433.66	3766422.00	0.00297	(81080902)
366453.66	3766422.00	0.00292	(81080902)	366473.66	3766422.00	0.00287	(81092923)
366493.66	3766422.00	0.00283	(81092923)	366513.66	3766422.00	0.01306	(81070723)
366533.66	3766422.00	0.01341	(81070424)	366553.66	3766422.00	0.01379	(81070323)
366573.66	3766422.00	0.01370	(81101005)	366593.66	3766422.00	0.01373	(81091222)
366613.66	3766422.00	0.01373	(81111919)	366633.66	3766422.00	0.01365	(81061304)
366653.66	3766422.00	0.01382	(81082521)	366673.66	3766422.00	0.01362	(81041306)
366693.66	3766422.00	0.01439	(81102808)	366713.66	3766422.00	0.01509	(81041006)

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364933.66 3766442.00 0.01569 (81052502) NOxOp.POU.txt 364933.66 3766442.00 0.01614 (81062805)
364973.66 3766442.00 0.01650 (81052905) 364993.66 3766442.00 0.01670 (81080908)
365013.66 3766442.00 0.01675 (81101008) 365033.66 3766442.00 0.01668 (81062806)
365053.66 3766442.00 0.01647 (81102118) 365073.66 3766442.00 0.01612 (81060708)
365093.66 3766442.00 0.01568 (81102815) 365113.66 3766442.00 0.01513 (81090808)
365133.66 3766442.00 0.01450 (81092406) 365153.66 3766442.00 0.01380 (81060624)
365173.66 3766442.00 0.01462 (81061622) 365193.66 3766442.00 0.01465 (81070603)
365213.66 3766442.00 0.01496 (81071422) 365233.66 3766442.00 0.01503 (81061301)
365253.66 3766442.00 0.01514 (81061723) 365273.66 3766442.00 0.01507 (81082622)
365293.66 3766442.00 0.01481 (81082621) 365313.66 3766442.00 0.01430 (81080323)
365333.66 3766442.00 0.01410 (81061705) 365353.66 3766442.00 0.01360 (81061705)
365373.66 3766442.00 0.01312 (81080602) 365393.66 3766442.00 0.01447 (81042102)
365413.66 3766442.00 0.01672 (81012706) 365433.66 3766442.00 0.01776 (81030308)
365453.66 3766442.00 0.01549 (81021003) 365473.66 3766442.00 0.01390 (81050607)
365493.66 3766442.00 0.01281 (81112923) 365513.66 3766442.00 0.01208 (81011604)
365533.66 3766442.00 0.01156 (81111807) 365553.66 3766442.00 0.01108 (81032003)
365573.66 3766442.00 0.01051 (81011202) 365593.66 3766442.00 0.00974 (81011201)
365613.66 3766442.00 0.00896 (81112922) 365633.66 3766442.00 0.00827 (81012024)
365653.66 3766442.00 0.00782 (81082702) 365673.66 3766442.00 0.00754 (81071902)
365693.66 3766442.00 0.00732 (81061423) 365713.66 3766442.00 0.00709 (81061423)
365733.66 3766442.00 0.00683 (81061423) 365753.66 3766442.00 0.00659 (81080122)
365773.66 3766442.00 0.00639 (81090923) 365793.66 3766442.00 0.00619 (81062502)
365813.66 3766442.00 0.00601 (81062502) 365833.66 3766442.00 0.00583 (81090501)
365853.66 3766442.00 0.00566 (81090501) 365873.66 3766442.00 0.00550 (81071503)
365893.66 3766442.00 0.00535 (81071503) 365913.66 3766442.00 0.00520 (81062524)
365933.66 3766442.00 0.00506 (81091506) 365953.66 3766442.00 0.00493 (81100822)
365973.66 3766442.00 0.00480 (81070304) 365993.66 3766442.00 0.00468 (81070304)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366013.66	3766442.00	0.00456	(81100605)	366033.66	3766442.00	0.00446	(81072006)
366053.66	3766442.00	0.00435	(81072006)	366073.66	3766442.00	0.00425	(81091324)
366093.66	3766442.00	0.00415	(81091324)	366113.66	3766442.00	0.00406	(81101801)
366133.66	3766442.00	0.00397	(81082006)	366153.66	3766442.00	0.00389	(81082006)
366173.66	3766442.00	0.00381	(81091823)	366193.66	3766442.00	0.00373	(81091823)
366213.66	3766442.00	0.00366	(81091823)	366233.66	3766442.00	0.00358	(81091823)
366253.66	3766442.00	0.00352	(81070605)	366273.66	3766442.00	0.00345	(81070605)
366293.66	3766442.00	0.00338	(81070605)	366313.66	3766442.00	0.00332	(81110821)
366333.66	3766442.00	0.00326	(81110821)	366353.66	3766442.00	0.00320	(81060402)
366373.66	3766442.00	0.00315	(81060402)	366393.66	3766442.00	0.00309	(81110119)
366413.66	3766442.00	0.00304	(81110119)	366433.66	3766442.00	0.00299	(81110119)
366453.66	3766442.00	0.00294	(81110119)	366473.66	3766442.00	0.00289	(81110119)
366493.66	3766442.00	0.00285	(81011721)	366513.66	3766442.00	0.01279	(81070323)
366533.66	3766442.00	0.01317	(81061602)	366553.66	3766442.00	0.01330	(81101005)
366573.66	3766442.00	0.01352	(81091222)	366593.66	3766442.00	0.01361	(81111919)
366613.66	3766442.00	0.01374	(81061304)	366633.66	3766442.00	0.01405	(81082521)
366653.66	3766442.00	0.01371	(81062422)	366673.66	3766442.00	0.01346	(81093019)
366693.66	3766442.00	0.01357	(81061624)	366713.66	3766442.00	0.01382	(81102603)
366733.66	3766442.00	0.01437	(81112406)	366753.66	3766442.00	0.01481	(81091408)
366773.66	3766442.00	0.01514	(81093022)	366793.66	3766442.00	0.01532	(81123113)
366813.66	3766442.00	0.01538	(81041808)	366833.66	3766442.00	0.01531	(81071108)
366853.66	3766442.00	0.01511	(81042119)	366873.66	3766442.00	0.01479	(81042219)
366893.66	3766442.00	0.01438	(81120217)	366913.66	3766442.00	0.01389	(81010718)
366933.66	3766442.00	0.01369	(81082522)	366953.66	3766442.00	0.01403	(81070722)
366973.66	3766442.00	0.01436	(81091820)	367033.66	3766442.00	0.01473	(81061622)
367013.66	3766442.00	0.01467	(81070603)	367073.66	3766442.00	0.01472	(81070622)
367053.66	3766442.00	0.01459	(81073121)	367113.66	3766442.00	0.01453	(81061723)
367093.66	3766442.00	0.01426	(81091706)	367153.66	3766442.00	0.01400	(81082423)
367133.66	3766442.00	0.01367	(81082621)	367193.66	3766442.00	0.01316	(81071123)
367173.66	3766442.00	0.01294	(81061705)	367233.66	3766442.00	0.01453	(81112921)
367213.66	3766442.00	0.01884	(81030204)	367273.66	3766442.00	0.02718	(81110908)
367253.66	3766442.00	0.02912	(81020723)	367313.66	3766442.00	0.02605	(81012706)
367293.66	3766442.00	0.02304	(81082024)	367353.66	3766442.00	0.02003	(81021003)
367333.66	3766442.00	0.01791	(81112923)	367393.66	3766442.00	0.01636	(81040305)
367373.66	3766442.00	0.01531	(81110108)	367433.66	3766442.00	0.01399	(81011202)
367413.66	3766442.00	0.01242	(81101901)	367473.66	3766442.00	0.01112	(81030122)
367453.66	3766442.00	0.01005	(81012024)	367513.66	3766442.00	0.00918	(81111906)
367493.66	3766442.00	0.00846	(81092506)	367553.66	3766442.00	0.00795	(81122507)
367533.66	3766442.00	0.00751	(81122703)	367593.66	3766442.00	0.00712	(81022122)
367573.66	3766442.00	0.00677	(81032103)	367633.66	3766442.00	0.00645	(81040102)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365813.66	3766462.00	0.00615	(81020423)	365833.66	3766462.00	0.00584	(81061605)
365853.66	3766462.00	0.00567	(81090923)	365873.66	3766462.00	0.00551	(81062502)
365893.66	3766462.00	0.00536	(81062502)	365913.66	3766462.00	0.00521	(81090501)
365933.66	3766462.00	0.00507	(81090501)	365953.66	3766462.00	0.00495	(81071503)
365973.66	3766462.00	0.00483	(81071503)	365993.66	3766462.00	0.00470	(81062524)
366013.66	3766462.00	0.00458	(81091506)	366033.66	3766462.00	0.00448	(81091506)
366053.66	3766462.00	0.00437	(81070304)	366073.66	3766462.00	0.00427	(81070304)
366093.66	3766462.00	0.00417	(81101323)	366113.66	3766462.00	0.00409	(81072006)
366133.66	3766462.00	0.00400	(81072006)	366153.66	3766462.00	0.00392	(81072006)
366173.66	3766462.00	0.00384	(81091324)	366193.66	3766462.00	0.00376	(81110104)
366213.66	3766462.00	0.00368	(81101801)	366233.66	3766462.00	0.00361	(81082006)
366253.66	3766462.00	0.00354	(81082006)	366273.66	3766462.00	0.00348	(81091823)
366293.66	3766462.00	0.00342	(81091823)	366313.66	3766462.00	0.00336	(81091823)
366333.66	3766462.00	0.00329	(81091823)	366353.66	3766462.00	0.00324	(81070605)
366373.66	3766462.00	0.00318	(81070605)	366393.66	3766462.00	0.00313	(81070605)
366413.66	3766462.00	0.00307	(81110821)	366433.66	3766462.00	0.00302	(81110821)
366453.66	3766462.00	0.00297	(81060402)	366473.66	3766462.00	0.00293	(81060402)
366493.66	3766462.00	0.00288	(81110119)	366513.66	3766462.00	0.01245	(81061602)
366533.66	3766462.00	0.01282	(81081103)	366553.66	3766462.00	0.01310	(81082321)

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364773.66 3766482.00 0.01321 (81111919) NOxOp.POU.txt 364793.66 3766482.00 0.01349 (81061304)
364813.66 3766482.00 0.01380 (81082521) 364833.66 3766482.00 0.01386 (81062422)
364853.66 3766482.00 0.01369 (81060424) 364873.66 3766482.00 0.01385 (81082121)
364893.66 3766482.00 0.01347 (81021721) 364913.66 3766482.00 0.01325 (81062522)
364933.66 3766482.00 0.01330 (81082421) 364953.66 3766482.00 0.01349 (81092908)
364973.66 3766482.00 0.01377 (81022407) 364993.66 3766482.00 0.01394 (81041309)
365013.66 3766482.00 0.01399 (81041808) 365033.66 3766482.00 0.01393 (81082808)
365053.66 3766482.00 0.01376 (81042522) 365073.66 3766482.00 0.01349 (81081820)
365093.66 3766482.00 0.01343 (81061704) 365113.66 3766482.00 0.01357 (81070522)
365133.66 3766482.00 0.01381 (81082701) 365153.66 3766482.00 0.01415 (81070422)
365173.66 3766482.00 0.01421 (81100719) 365193.66 3766482.00 0.01439 (81062323)
365213.66 3766482.00 0.01449 (81070502) 365233.66 3766482.00 0.01436 (81070603)
365253.66 3766482.00 0.01427 (81081022) 365273.66 3766482.00 0.01406 (81021324)
365293.66 3766482.00 0.01379 (81070303) 365313.66 3766482.00 0.01359 (81082502)
365333.66 3766482.00 0.01333 (81082622) 365353.66 3766482.00 0.01295 (81082621)
365373.66 3766482.00 0.01248 (81080323) 365393.66 3766482.00 0.01208 (81071123)
365413.66 3766482.00 0.01336 (81012903) 365433.66 3766482.00 0.01663 (81080924)
365453.66 3766482.00 0.02183 (81083103) 365473.66 3766482.00 0.02234 (81012306)
365493.66 3766482.00 0.02653 (81070505) 365513.66 3766482.00 0.02739 (81032807)
365533.66 3766482.00 0.02834 (81070324) 365553.66 3766482.00 0.02814 (81042822)
365573.66 3766482.00 0.02687 (81102323) 365593.66 3766482.00 0.02459 (81011924)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365613.66	3766482.00	0.02033	(81032003)	365633.66	3766482.00	0.01714	(81122006)
365653.66	3766482.00	0.01471	(81042723)	365673.66	3766482.00	0.01292	(81012024)
365693.66	3766482.00	0.01154	(81102202)	365713.66	3766482.00	0.01059	(81030802)
365733.66	3766482.00	0.00980	(81012521)	365753.66	3766482.00	0.00912	(81050801)
365773.66	3766482.00	0.00853	(81111723)	365793.66	3766482.00	0.00800	(81103023)
365813.66	3766482.00	0.00750	(81122620)	365833.66	3766482.00	0.00700	(81121405)
365853.66	3766482.00	0.00652	(81022802)	365873.66	3766482.00	0.00607	(81031705)
365893.66	3766482.00	0.00566	(81050424)	365913.66	3766482.00	0.00529	(81011005)
365933.66	3766482.00	0.00513	(81090923)	365953.66	3766482.00	0.00500	(81062502)
365973.66	3766482.00	0.00488	(81062502)	365993.66	3766482.00	0.00476	(81090501)
366013.66	3766482.00	0.00464	(81090501)	366033.66	3766482.00	0.00453	(81071503)
366053.66	3766482.00	0.00443	(81071503)	366073.66	3766482.00	0.00433	(81062524)
366093.66	3766482.00	0.00423	(81091506)	366113.66	3766482.00	0.00414	(81091506)
366133.66	3766482.00	0.00405	(81070304)	366153.66	3766482.00	0.00397	(81070304)
366173.66	3766482.00	0.00388	(81101323)	366193.66	3766482.00	0.00381	(81072006)
366213.66	3766482.00	0.00373	(81072006)	366233.66	3766482.00	0.00366	(81072006)
366253.66	3766482.00	0.00359	(81091324)	366273.66	3766482.00	0.00352	(81110104)
366293.66	3766482.00	0.00346	(81110104)	366313.66	3766482.00	0.00340	(81082006)
366333.66	3766482.00	0.00334	(81082006)	366353.66	3766482.00	0.00328	(81082006)
366373.66	3766482.00	0.00322	(81091823)	366393.66	3766482.00	0.00317	(81091823)
366413.66	3766482.00	0.00312	(81091823)	366433.66	3766482.00	0.00306	(81091024)
366453.66	3766482.00	0.00302	(81070605)	366473.66	3766482.00	0.00297	(81070605)
366493.66	3766482.00	0.00292	(81070605)	366473.66	3766502.00	0.01220	(81081103)
364733.66	3766502.00	0.01253	(81082321)	364753.66	3766502.00	0.01268	(81021402)
364773.66	3766502.00	0.01302	(81061304)	364793.66	3766502.00	0.01336	(81110120)
364813.66	3766502.00	0.01358	(81082503)	364833.66	3766502.00	0.01366	(81060424)
364853.66	3766502.00	0.01359	(81093019)	364873.66	3766502.00	0.01393	(81061624)
364893.66	3766502.00	0.01387	(81070423)	364913.66	3766502.00	0.01362	(81100122)
364933.66	3766502.00	0.01351	(81092921)	364953.66	3766502.00	0.01367	(81082021)
364973.66	3766502.00	0.01352	(81082722)	364993.66	3766502.00	0.01317	(81121022)
365013.66	3766502.00	0.01336	(81080221)	365033.66	3766502.00	0.01361	(81061522)
365053.66	3766502.00	0.01349	(81081002)	365073.66	3766502.00	0.01358	(81081622)
365093.66	3766502.00	0.01359	(81110820)	365113.66	3766502.00	0.01393	(81061704)
365133.66	3766502.00	0.01378	(81082701)	365153.66	3766502.00	0.01425	(81082522)
365173.66	3766502.00	0.01411	(81070422)	365193.66	3766502.00	0.01405	(81070824)
365213.66	3766502.00	0.01425	(81061622)	365233.66	3766502.00	0.01409	(81070502)
365253.66	3766502.00	0.01385	(81070603)	365273.66	3766502.00	0.01367	(81062523)
365293.66	3766502.00	0.01343	(81021324)	365313.66	3766502.00	0.01309	(81061301)
365333.66	3766502.00	0.01289	(81061723)	365353.66	3766502.00	0.01253	(81082622)
365373.66	3766502.00	0.01216	(81082423)	365393.66	3766502.00	0.01183	(81082621)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365413.66	3766502.00	0.01136	(81080323)	365433.66	3766502.00	0.01102	(81071123)
365453.66	3766502.00	0.01273	(81102504)	365473.66	3766502.00	0.01497	(81031906)
365493.66	3766502.00	0.01805	(81041906)	365513.66	3766502.00	0.02222	(81042701)
365533.66	3766502.00	0.02781	(81070405)	365553.66	3766502.00	0.03473	(81012306)
365573.66	3766502.00	0.03353	(81121924)	365593.66	3766502.00	0.03370	(81013123)
365613.66	3766502.00	0.03192	(81022806)	365633.66	3766502.00	0.02802	(81020323)
365653.66	3766502.00	0.02799	(81011202)	365673.66	3766502.00	0.02246	(81070401)
365693.66	3766502.00	0.01854	(81061504)	365713.66	3766502.00	0.01612	(81061504)
365733.66	3766502.00	0.01428	(81061504)	365753.66	3766502.00	0.01280	(81121405)
365773.66	3766502.00	0.01161	(81100103)	365793.66	3766502.00	0.01055	(81060324)
365813.66	3766502.00	0.00957	(81022421)	365833.66	3766502.00	0.00867	(81121422)
365853.66	3766502.00	0.00788	(81021504)	365873.66	3766502.00	0.00719	(81102003)
365893.66	3766502.00	0.00659	(81050924)	365913.66	3766502.00	0.00607	(81041402)
365933.66	3766502.00	0.00562	(81042106)	365953.66	3766502.00	0.00522	(81080101)
365973.66	3766502.00	0.00500	(81090923)	365993.66	3766502.00	0.00487	(81062502)
366013.66	3766502.00	0.00476	(81062502)	366033.66	3766502.00	0.00464	(81062502)
366053.66	3766502.00	0.00453	(81090501)	366073.66	3766502.00	0.00442	(81090501)
366093.66	3766502.00	0.00433	(81071503)	366113.66	3766502.00	0.00423	(81071503)
366133.66	3766502.00	0.00414	(81062524)	366153.66	3766502.00	0.00405	(81062524)
366173.66	3766502.00	0.00397	(81091506)	366193.66	3766502.00	0.00389	(81100822)
366213.66	3766502.00	0.00381	(81070304)	366233.66	3766502.00	0.00373	(81070304)
366253.66	3766502.00	0.00366	(81101323)	366273.66	3766502.00	0.00359	(81072006)
366293.66	3766502.00	0.00353	(81072006)	366313.66	3766502.00	0.00346	(81072006)
366333.66	3766502.00	0.00340	(81091324)	366353.66	3766502.00	0.00334	(81110104)
366373.66	3766502.00	0.00328	(81110104)	366393.66	3766502.00	0.00322	(81082006)

366413.66 3766502.00 0.00317 (81082006) NoxOp.POU.txt 366433.66 3766502.00 0.00312 (81082006)
 366453.66 3766502.00 0.00307 (81091823) 366473.66 3766502.00 0.00302 (81091823)
 366493.66 3766502.00 0.00297 (81091823) 364713.66 3766522.00 0.01188 (81082321)
 364733.66 3766522.00 0.01209 (81021402) 364753.66 3766522.00 0.01244 (81061304)
 364773.66 3766522.00 0.01278 (81110120) 364793.66 3766522.00 0.01306 (81082521)
 364813.66 3766522.00 0.01323 (81091806) 364833.66 3766522.00 0.01341 (81093019)
 364853.66 3766522.00 0.01374 (81061624) 364873.66 3766522.00 0.01348 (81061303)
 364893.66 3766522.00 0.01362 (81070423) 364913.66 3766522.00 0.01349 (81062923)
 364933.66 3766522.00 0.01365 (81040523) 364953.66 3766522.00 0.01375 (81061822)
 364973.66 3766522.00 0.01365 (81061222) 364993.66 3766522.00 0.01349 (81092121)
 365013.66 3766522.00 0.01365 (81080221) 365033.66 3766522.00 0.01391 (81061522)
 365053.66 3766522.00 0.01377 (81091620) 365073.66 3766522.00 0.01373 (81081421)
 365093.66 3766522.00 0.01377 (81091922) 365113.66 3766522.00 0.01415 (81061704)
 365133.66 3766522.00 0.01388 (81070522) 365153.66 3766522.00 0.01390 (81082701)
 365173.66 3766522.00 0.01383 (81082806) 365193.66 3766522.00 0.01389 (81070722)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
 L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
 L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365213.66	3766522.00	0.01374	(81091820)	365233.66	3766522.00	0.01385	(81061622)
365253.66	3766522.00	0.01352	(81070502)	365273.66	3766522.00	0.01323	(81070603)
365293.66	3766522.00	0.01301	(81062523)	365313.66	3766522.00	0.01277	(81071422)
365333.66	3766522.00	0.01243	(81061301)	365353.66	3766522.00	0.01215	(81061723)
365373.66	3766522.00	0.01179	(81081422)	365393.66	3766522.00	0.01151	(81082622)
365413.66	3766522.00	0.01114	(81082621)	365433.66	3766522.00	0.01075	(81091924)
365453.66	3766522.00	0.01033	(81071123)	365473.66	3766522.00	0.01048	(81020919)
365493.66	3766522.00	0.01197	(81070606)	365513.66	3766522.00	0.01395	(81020919)
365533.66	3766522.00	0.01670	(81020919)	365553.66	3766522.00	0.02075	(81020919)
365573.66	3766522.00	0.02688	(81032802)	365593.66	3766522.00	0.02989	(81040322)
365613.66	3766522.00	0.03484	(81083103)	365633.66	3766522.00	0.03925	(81112921)
365653.66	3766522.00	0.04144	(81082001)	365673.66	3766522.00	0.03968	(81011204)
365693.66	3766522.00	0.03335	(81101508)	365713.66	3766522.00	0.03097	(81050306)
365733.66	3766522.00	0.02540	(81010619)	365753.66	3766522.00	0.02179	(81072023)
365773.66	3766522.00	0.01819	(81072104)	365793.66	3766522.00	0.01526	(81061701)
365813.66	3766522.00	0.01298	(81112120)	365833.66	3766522.00	0.01122	(81052201)
365853.66	3766522.00	0.00984	(81071903)	365873.66	3766522.00	0.00875	(81112623)
365893.66	3766522.00	0.00786	(81120902)	365913.66	3766522.00	0.00712	(81062403)
365933.66	3766522.00	0.00651	(81071205)	365953.66	3766522.00	0.00601	(81071205)
365973.66	3766522.00	0.00559	(81110704)	365993.66	3766522.00	0.00523	(81110622)
366013.66	3766522.00	0.00500	(81090923)	366033.66	3766522.00	0.00485	(81062502)
366053.66	3766522.00	0.00473	(81062502)	366073.66	3766522.00	0.00461	(81062502)
366093.66	3766522.00	0.00449	(81090501)	366113.66	3766522.00	0.00439	(81090501)
366133.66	3766522.00	0.00428	(81071503)	366153.66	3766522.00	0.00419	(81071503)
366173.66	3766522.00	0.00410	(81071503)	366193.66	3766522.00	0.00401	(81062524)
366213.66	3766522.00	0.00392	(81062524)	366233.66	3766522.00	0.00384	(81091506)
366253.66	3766522.00	0.00376	(81100822)	366273.66	3766522.00	0.00369	(81070304)
366293.66	3766522.00	0.00362	(81070304)	366313.66	3766522.00	0.00355	(81101323)
366333.66	3766522.00	0.00348	(81100605)	366353.66	3766522.00	0.00342	(81072006)
366373.66	3766522.00	0.00336	(81072006)	366393.66	3766522.00	0.00330	(81091324)
366413.66	3766522.00	0.00324	(81091324)	366433.66	3766522.00	0.00319	(81110104)
366453.66	3766522.00	0.00313	(81101801)	366473.66	3766522.00	0.00308	(81082006)
366493.66	3766522.00	0.00303	(81082006)	366513.66	3766542.00	0.01147	(81041621)
366533.66	3766542.00	0.01182	(81061304)	366553.66	3766542.00	0.01212	(81110120)
366573.66	3766542.00	0.01257	(81082521)	366593.66	3766542.00	0.01261	(81051824)
366613.66	3766542.00	0.01283	(81061903)	366633.66	3766542.00	0.01317	(81082121)
366653.66	3766542.00	0.01327	(81061624)	366673.66	3766542.00	0.01352	(81070423)
366693.66	3766542.00	0.01351	(81062522)	366713.66	3766542.00	0.01368	(81082421)
366733.66	3766542.00	0.01354	(81040523)	366753.66	3766542.00	0.01350	(81061822)
366773.66	3766542.00	0.01367	(81091904)	366793.66	3766542.00	0.01360	(81061502)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
 L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
 L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365013.66	3766542.00	0.01369	(81080221)	365033.66	3766542.00	0.01392	(81061522)
365053.66	3766542.00	0.01380	(81091620)	365073.66	3766542.00	0.01367	(81081421)
365093.66	3766542.00	0.01371	(81091621)	365113.66	3766542.00	0.01362	(81100622)
365133.66	3766542.00	0.01358	(81080322)	365153.66	3766542.00	0.01347	(81110719)
365173.66	3766542.00	0.01375	(81082522)	365193.66	3766542.00	0.01357	(81070422)
365213.66	3766542.00	0.01334	(81100719)	365233.66	3766542.00	0.01329	(81091820)
365253.66	3766542.00	0.01329	(81061622)	365273.66	3766542.00	0.01291	(81082601)
365293.66	3766542.00	0.01258	(81070603)	365313.66	3766542.00	0.01233	(81062523)
365333.66	3766542.00	0.01209	(81071422)	365353.66	3766542.00	0.01173	(81061301)
365373.66	3766542.00	0.01142	(81091523)	365393.66	3766542.00	0.01114	(81082502)
365413.66	3766542.00	0.01084	(81082622)	365433.66	3766542.00	0.01048	(81082423)
365453.66	3766542.00	0.01020	(81082621)	365473.66	3766542.00	0.00982	(81080323)
365493.66	3766542.00	0.00949	(81071123)	365513.66	3766542.00	0.01014	(81042107)
365533.66	3766542.00	0.01144	(81122919)	365553.66	3766542.00	0.01303	(81120924)
365573.66	3766542.00	0.01493	(81082101)	365593.66	3766542.00	0.01719	(81083102)
365613.66	3766542.00	0.02005	(81110523)	365633.66	3766542.00	0.02326	(81123024)
365653.66	3766542.00	0.02887	(81080602)	365673.66	3766542.00	0.03729	(81070505)
365693.66	3766542.00	0.04324	(81082323)	365713.66	3766542.00	0.04459	(81090902)
365733.66	3766542.00	0.04179	(81070121)	365753.66	3766542.00	0.03630	(81062502)
365773.66	3766542.00	0.03116	(81110119)	365793.66	3766542.00	0.02395	(81112518)
365813.66	3766542.00	0.01917	(81110922)	365833.66	3766542.00	0.01579	(81103022)
365853.66	3766542.00	0.01328	(81111924)	365873.66	3766542.00	0.01229	(81112922)
365893.66	3766542.00	0.01184	(81122804)	365913.66	3766542.00	0.01012	(81111007)
365933.66	3766542.00	0.00804	(81071404)	365953.66	3766542.00	0.00737	(81082402)
365973.66	3766542.00	0.00679	(81082102)	365993.66	3766542.00	0.00628	(81070504)
366013.66	3766542.00	0.00585	(81050705)	366033.66	3766542.00	0.00548	(81111024)
366053.66	3766542.00	0.00514	(81111024)	366073.66	3766542.00	0.00495	(81062502)
366093.66	3766542.00	0.00480	(81062502)	366113.66	3766542.00	0.00466	(81062502)
366133.66	3766542.00	0.00453	(81090501)	366153.66	3766542.00	0.00441	(81090501)
366173.66	3766542.00	0.00430	(81090501)	366193.66	3766542.00	0.00420	(81071503)
366213.66	3766542.00	0.00410	(81071503)	366233.66	3766542.00	0.00401	(81071503)

366253.66 3766542.00 0.00392 (81062524) NOxOp.POU.txt 366273.66 3766542.00 0.00383 (81091506)
366293.66 3766542.00 0.00375 (81091506) 366313.66 3766542.00 0.00368 (81100822)
366333.66 3766542.00 0.00360 (81070304) 366353.66 3766542.00 0.00353 (81070304)
366373.66 3766542.00 0.00346 (81101323) 366393.66 3766542.00 0.00340 (81100605)
366413.66 3766542.00 0.00334 (81072006) 366433.66 3766542.00 0.00328 (81072006)
366453.66 3766542.00 0.00322 (81072006) 366473.66 3766542.00 0.00317 (81091324)
366493.66 3766542.00 0.00311 (81091324) 364713.66 3766562.00 0.01119 (81061304)
364733.66 3766562.00 0.01152 (81091623) 364753.66 3766562.00 0.01198 (81082521)
364773.66 3766562.00 0.01212 (81062422) 364793.66 3766562.00 0.01235 (81060424)
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364813.66	3766562.00	0.01251	(81111907)	364833.66	3766562.00	0.01301	(81061624)
364853.66	3766562.00	0.01288	(81061303)	364873.66	3766562.00	0.01315	(81070423)
364893.66	3766562.00	0.01316	(81100122)	364913.66	3766562.00	0.01332	(81092921)
364933.66	3766562.00	0.01346	(81082021)	364953.66	3766562.00	0.01346	(81092519)
364973.66	3766562.00	0.01354	(81062404)	364993.66	3766562.00	0.01353	(81061502)
365013.66	3766562.00	0.01355	(81080221)	365033.66	3766562.00	0.01373	(81061522)
365053.66	3766562.00	0.01373	(81061623)	365073.66	3766562.00	0.01349	(81021821)
365093.66	3766562.00	0.01342	(81081622)	365113.66	3766562.00	0.01338	(81110820)
365133.66	3766562.00	0.01363	(81061704)	365153.66	3766562.00	0.01334	(81070522)
365173.66	3766562.00	0.01327	(81082701)	365193.66	3766562.00	0.01311	(81082806)
365213.66	3766562.00	0.01296	(81070422)	365233.66	3766562.00	0.01277	(81100719)
365253.66	3766562.00	0.01265	(81091820)	365273.66	3766562.00	0.01263	(81061622)
365293.66	3766562.00	0.01226	(81082601)	365313.66	3766562.00	0.01191	(81070603)
365333.66	3766562.00	0.01166	(81082703)	365353.66	3766562.00	0.01142	(81071422)
365373.66	3766562.00	0.01106	(81073121)	365393.66	3766562.00	0.01077	(81070303)
365413.66	3766562.00	0.01053	(81061723)	365433.66	3766562.00	0.01019	(81091706)
365453.66	3766562.00	0.00992	(81082622)	365473.66	3766562.00	0.00959	(81082423)
365493.66	3766562.00	0.00929	(81060921)	365513.66	3766562.00	0.00896	(81080323)
365533.66	3766562.00	0.00875	(81071123)	365553.66	3766562.00	0.00939	(81051302)
365573.66	3766562.00	0.01018	(81030406)	365593.66	3766562.00	0.01107	(81111401)
365613.66	3766562.00	0.01214	(81051621)	365633.66	3766562.00	0.01344	(81010708)
365653.66	3766562.00	0.01503	(81032523)	365673.66	3766562.00	0.01747	(81051320)
365693.66	3766562.00	0.02140	(81081506)	365713.66	3766562.00	0.02789	(81091023)
365733.66	3766562.00	0.03475	(81070505)	365753.66	3766562.00	0.04092	(81081020)
365773.66	3766562.00	0.03680	(81091604)	365793.66	3766562.00	0.03226	(81070322)
365813.66	3766562.00	0.02814	(81082523)	365833.66	3766562.00	0.02788	(81020723)
365853.66	3766562.00	0.03000	(81042822)	365873.66	3766562.00	0.01882	(81110119)
365893.66	3766562.00	0.02555	(81031205)	365913.66	3766562.00	0.01913	(81103121)
365933.66	3766562.00	0.01284	(81020503)	365953.66	3766562.00	0.01050	(81012520)
365973.66	3766562.00	0.00932	(81071404)	365993.66	3766562.00	0.00834	(81112002)
366013.66	3766562.00	0.00752	(81040606)	366033.66	3766562.00	0.00683	(81011703)
366053.66	3766562.00	0.00625	(81042122)	366073.66	3766562.00	0.00579	(81122006)
366093.66	3766562.00	0.00539	(81040306)	366113.66	3766562.00	0.00514	(81062502)
366133.66	3766562.00	0.00495	(81090501)	366153.66	3766562.00	0.00479	(81090501)
366173.66	3766562.00	0.00464	(81090501)	366193.66	3766562.00	0.00450	(81090501)
366213.66	3766562.00	0.00437	(81071503)	366233.66	3766562.00	0.00425	(81071503)
366253.66	3766562.00	0.00415	(81071503)	366273.66	3766562.00	0.00404	(81071503)
366293.66	3766562.00	0.00395	(81062524)	366313.66	3766562.00	0.00385	(81062524)
366333.66	3766562.00	0.00377	(81091506)	366353.66	3766562.00	0.00369	(81091506)
366373.66	3766562.00	0.00361	(81100822)	366393.66	3766562.00	0.00354	(81070304)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366413.66	3766562.00	0.00347	(81070304)	366433.66	3766562.00	0.00340	(81101323)
366453.66	3766562.00	0.00334	(81100605)	366473.66	3766562.00	0.00328	(81072006)
366493.66	3766562.00	0.00322	(81072006)	364713.66	3766582.00	0.01092	(81091623)
364733.66	3766582.00	0.01134	(81082521)	364753.66	3766582.00	0.01153	(81062422)
364773.66	3766582.00	0.01176	(81060424)	364793.66	3766582.00	0.01200	(81093019)
364813.66	3766582.00	0.01231	(81082121)	364833.66	3766582.00	0.01241	(81021721)
364853.66	3766582.00	0.01268	(81070423)	364873.66	3766582.00	0.01278	(81062522)
364893.66	3766582.00	0.01283	(81062923)	364913.66	3766582.00	0.01302	(81080903)
364933.66	3766582.00	0.01325	(81082021)	364953.66	3766582.00	0.01316	(81090922)
364973.66	3766582.00	0.01327	(81062404)	364993.66	3766582.00	0.01331	(81061502)
365013.66	3766582.00	0.01329	(81080221)	365033.66	3766582.00	0.01339	(81061522)
365053.66	3766582.00	0.01352	(81061623)	365073.66	3766582.00	0.01314	(81042121)
365093.66	3766582.00	0.01319	(81081622)	365113.66	3766582.00	0.01311	(81091801)
365133.66	3766582.00	0.01316	(81061704)	365153.66	3766582.00	0.01292	(81080322)
365173.66	3766582.00	0.01272	(81110719)	365193.66	3766582.00	0.01281	(81082522)
365213.66	3766582.00	0.01250	(81070422)	365233.66	3766582.00	0.01245	(81070722)
365253.66	3766582.00	0.01217	(81070824)	365273.66	3766582.00	0.01201	(81062323)
365293.66	3766582.00	0.01195	(81061622)	365313.66	3766582.00	0.01162	(81082601)
365333.66	3766582.00	0.01127	(81070603)	365353.66	3766582.00	0.01103	(81082703)
365373.66	3766582.00	0.01077	(81071422)	365393.66	3766582.00	0.01044	(81081405)
365413.66	3766582.00	0.01015	(81061301)	365433.66	3766582.00	0.00992	(81061723)
365453.66	3766582.00	0.00962	(81082502)	365473.66	3766582.00	0.00938	(81082622)
365493.66	3766582.00	0.00906	(81082423)	365513.66	3766582.00	0.00883	(81082621)
365533.66	3766582.00	0.00852	(81080323)	365553.66	3766582.00	0.00826	(81020921)
365573.66	3766582.00	0.00820	(81071123)	365593.66	3766582.00	0.00829	(81061705)
365613.66	3766582.00	0.00878	(81041305)	365633.66	3766582.00	0.00941	(81032806)
365653.66	3766582.00	0.01012	(81021402)	365673.66	3766582.00	0.01116	(81011918)
365693.66	3766582.00	0.01251	(81090101)	365713.66	3766582.00	0.01438	(81081506)
365733.66	3766582.00	0.01730	(81081506)	365753.66	3766582.00	0.02108	(81092003)
365773.66	3766582.00	0.02474	(81072605)	365793.66	3766582.00	0.02736	(81080503)
365813.66	3766582.00	0.02941	(81082323)	365833.66	3766582.00	0.03103	(81031823)
365853.66	3766582.00	0.03145	(81082623)	365873.66	3766582.00	0.03079	(81060801)
365893.66	3766582.00	0.04881	(81012902)	365913.66	3766582.00	0.05099	(81072006)
365933.66	3766582.00	0.02533	(81070605)	365953.66	3766582.00	0.02020	(81080902)
365973.66	3766582.00	0.01544	(81102805)	365993.66	3766582.00	0.01299	(81112919)
366013.66	3766582.00	0.01140	(81111008)	366033.66	3766582.00	0.00994	(81042007)
366053.66	3766582.00	0.00880	(81122321)	366073.66	3766582.00	0.00790	(81011205)

366093.66 3766582.00 0.00717 (81011202) NOxOp.POU.txt 366113.66 3766582.00 0.00656 (81022805)
366133.66 3766582.00 0.00604 (81101901) 366153.66 3766582.00 0.00559 (81052106)
366173.66 3766582.00 0.00520 (81071503) 366193.66 3766582.00 0.00499 (81071503)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NOX IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
366213.66 3766582.00 0.00480 (81071503) 366233.66 3766582.00 0.00464 (81071503)
366253.66 3766582.00 0.00449 (81071503) 366273.66 3766582.00 0.00436 (81071503)
366293.66 3766582.00 0.00423 (81071503) 366313.66 3766582.00 0.00412 (81071503)
366333.66 3766582.00 0.00401 (81062524) 366353.66 3766582.00 0.00391 (81062524)
366373.66 3766582.00 0.00382 (81091506) 366393.66 3766582.00 0.00373 (81091506)
366413.66 3766582.00 0.00365 (81100822) 366433.66 3766582.00 0.00357 (81070304)
366453.66 3766582.00 0.00350 (81070304) 366473.66 3766582.00 0.00342 (81070304)
366493.66 3766582.00 0.00336 (81101323) 364713.66 3766602.00 0.01070 (81082521)
364733.66 3766602.00 0.01090 (81082503) 364753.66 3766602.00 0.01112 (81091806)
364773.66 3766602.00 0.01134 (81061903) 364793.66 3766602.00 0.01157 (81082121)
364813.66 3766602.00 0.01197 (81061624) 364833.66 3766602.00 0.01198 (81061303)
364853.66 3766602.00 0.01228 (81070423) 364873.66 3766602.00 0.01239 (81100122)
364893.66 3766602.00 0.01262 (81082421) 364913.66 3766602.00 0.01266 (81040523)
364933.66 3766602.00 0.01282 (81061822) 364953.66 3766602.00 0.01288 (81082722)
364973.66 3766602.00 0.01288 (81091520) 364993.66 3766602.00 0.01299 (81061502)
365013.66 3766602.00 0.01295 (81080221) 365033.66 3766602.00 0.01296 (81061522)
365053.66 3766602.00 0.01317 (81061623) 365073.66 3766602.00 0.01285 (81081002)
365093.66 3766602.00 0.01277 (81081421) 365113.66 3766602.00 0.01271 (81091621)
365133.66 3766602.00 0.01261 (81100622) 365153.66 3766602.00 0.01261 (81061704)
365173.66 3766602.00 0.01245 (81070522) 365193.66 3766602.00 0.01235 (81082701)
365213.66 3766602.00 0.01223 (81082522) 365233.66 3766602.00 0.01205 (81070422)
365253.66 3766602.00 0.01177 (81082106) 365273.66 3766602.00 0.01160 (81070824)
365293.66 3766602.00 0.01141 (81062323) 365313.66 3766602.00 0.01126 (81061622)
365333.66 3766602.00 0.01098 (81082601) 365353.66 3766602.00 0.01065 (81070603)
365373.66 3766602.00 0.01043 (81082703) 365393.66 3766602.00 0.01015 (81090622)
365413.66 3766602.00 0.00989 (81021324) 365433.66 3766602.00 0.00962 (81061301)
365453.66 3766602.00 0.00935 (81091523) 365473.66 3766602.00 0.00911 (81082502)
365493.66 3766602.00 0.00883 (81091706) 365513.66 3766602.00 0.00860 (81082622)
365533.66 3766602.00 0.00834 (81082423) 365553.66 3766602.00 0.00811 (81082621)
365573.66 3766602.00 0.00789 (81080323) 365593.66 3766602.00 0.00773 (81031224)
365613.66 3766602.00 0.00777 (81071123) 365633.66 3766602.00 0.00790 (81090624)
365653.66 3766602.00 0.00817 (81061705) 365673.66 3766602.00 0.00851 (81061705)
365693.66 3766602.00 0.00904 (81091721) 365713.66 3766602.00 0.00989 (81091721)
365733.66 3766602.00 0.01111 (81091721) 365753.66 3766602.00 0.01268 (81091721)
365773.66 3766602.00 0.01454 (81081506) 365793.66 3766602.00 0.01644 (81090322)
365813.66 3766602.00 0.01797 (81081004) 365833.66 3766602.00 0.01926 (81070505)
365853.66 3766602.00 0.02068 (81082602) 365873.66 3766602.00 0.02229 (81081020)
365893.66 3766602.00 0.02311 (81082505) 365913.66 3766602.00 0.02263 (81091604)
365933.66 3766602.00 0.03025 (81091604) 365953.66 3766602.00 0.02946 (81071724)
365973.66 3766602.00 0.02556 (81081404) 365993.66 3766602.00 0.02154 (81022523)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF NOX IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
366013.66 3766602.00 0.01956 (81122004) 366033.66 3766602.00 0.01790 (81011205)
366053.66 3766602.00 0.01521 (81122321) 366073.66 3766602.00 0.01262 (81011205)
366093.66 3766602.00 0.01084 (81101206) 366113.66 3766602.00 0.00952 (81030605)
366133.66 3766602.00 0.00845 (81011202) 366153.66 3766602.00 0.00759 (81040306)
366173.66 3766602.00 0.00688 (81022522) 366193.66 3766602.00 0.00638 (81050824)
366213.66 3766602.00 0.00595 (81082104) 366233.66 3766602.00 0.00558 (81110121)
366253.66 3766602.00 0.00525 (81021804) 366273.66 3766602.00 0.00497 (81020224)
366293.66 3766602.00 0.00472 (81100103) 366313.66 3766602.00 0.00452 (81071503)
366333.66 3766602.00 0.00437 (81062524) 366353.66 3766602.00 0.00424 (81062524)
366373.66 3766602.00 0.00411 (81062524) 366393.66 3766602.00 0.00400 (81091506)
366413.66 3766602.00 0.00390 (81091506) 366433.66 3766602.00 0.00380 (81091506)
366453.66 3766602.00 0.00371 (81100822) 366473.66 3766602.00 0.00363 (81070304)
366493.66 3766602.00 0.00355 (81070304) 364713.66 3766622.00 0.01029 (81082503)
364733.66 3766622.00 0.01046 (81051824) 364753.66 3766622.00 0.01071 (81051822)
364773.66 3766622.00 0.01095 (81111907) 364793.66 3766622.00 0.01132 (81061624)
364813.66 3766622.00 0.01144 (81021721) 364833.66 3766622.00 0.01167 (81070423)
364853.66 3766622.00 0.01177 (81062522) 364873.66 3766622.00 0.01182 (81041902)
364893.66 3766622.00 0.01212 (81092921) 364913.66 3766622.00 0.01210 (81040523)
364933.66 3766622.00 0.01235 (81061822) 364953.66 3766622.00 0.01250 (81082722)
364973.66 3766622.00 0.01246 (81091520) 364993.66 3766622.00 0.01260 (81061502)
365013.66 3766622.00 0.01255 (81080221) 365033.66 3766622.00 0.01251 (81092320)
365053.66 3766622.00 0.01271 (81061623) 365073.66 3766622.00 0.01249 (81081002)
365093.66 3766622.00 0.01243 (81081421) 365113.66 3766622.00 0.01233 (81091621)
365133.66 3766622.00 0.01220 (81110820) 365153.66 3766622.00 0.01233 (81061704)
365173.66 3766622.00 0.01198 (81080322) 365193.66 3766622.00 0.01179 (81110719)
365213.66 3766622.00 0.01174 (81082522) 365233.66 3766622.00 0.01156 (81082806)
365253.66 3766622.00 0.01138 (81082221) 365273.66 3766622.00 0.01120 (81100719)
365293.66 3766622.00 0.01102 (81091820) 365313.66 3766622.00 0.01079 (81062323)
365333.66 3766622.00 0.01060 (81061622) 365353.66 3766622.00 0.01038 (81082601)
365373.66 3766622.00 0.01007 (81090221) 365393.66 3766622.00 0.00986 (81082703)
365413.66 3766622.00 0.00960 (81070622) 365433.66 3766622.00 0.00935 (81021324)
365453.66 3766622.00 0.00909 (81061301) 365473.66 3766622.00 0.00884 (81082921)
365493.66 3766622.00 0.00863 (81061723) 365513.66 3766622.00 0.00837 (81081422)
365533.66 3766622.00 0.00816 (81082622) 365553.66 3766622.00 0.00790 (81082423)
365573.66 3766622.00 0.00771 (81082621) 365593.66 3766622.00 0.00750 (81091924)
365613.66 3766622.00 0.00737 (81080323) 365633.66 3766622.00 0.00731 (81031224)
365653.66 3766622.00 0.00738 (81071123) 365673.66 3766622.00 0.00751 (81090624)
365693.66 3766622.00 0.00774 (81061705) 365713.66 3766622.00 0.00808 (81061705)
365733.66 3766622.00 0.00858 (81061705) 365753.66 3766622.00 0.00931 (81061705)
365773.66 3766622.00 0.01025 (81091721) 365793.66 3766622.00 0.01137 (81091721)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

NoxOp.POU.txt

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365813.66	3766622.00	0.01253	(81081506)	365833.66	3766622.00	0.01351	(81100922)
365853.66	3766622.00	0.01431	(81071802)	365873.66	3766622.00	0.01496	(81070505)
365893.66	3766622.00	0.01545	(81080503)	365913.66	3766622.00	0.01580	(81081020)
365933.66	3766622.00	0.01649	(81081406)	365953.66	3766622.00	0.01861	(81081406)
365973.66	3766622.00	0.02094	(81091505)	365993.66	3766622.00	0.02477	(81100406)
366013.66	3766622.00	0.02727	(81111020)	366033.66	3766622.00	0.02844	(81100404)
366053.66	3766622.00	0.02759	(81040107)	366073.66	3766622.00	0.02489	(81101508)
366093.66	3766622.00	0.02122	(81042807)	366113.66	3766622.00	0.01751	(81112919)
366133.66	3766622.00	0.01444	(81042007)	366153.66	3766622.00	0.01211	(81110108)
366173.66	3766622.00	0.01039	(81020224)	366193.66	3766622.00	0.00923	(81120306)
366213.66	3766622.00	0.00830	(81041301)	366233.66	3766622.00	0.00757	(81030824)
366253.66	3766622.00	0.00695	(81050424)	366273.66	3766622.00	0.00644	(81060301)
366293.66	3766622.00	0.00601	(81111324)	366313.66	3766622.00	0.00563	(81022601)
366333.66	3766622.00	0.00530	(81011005)	366353.66	3766622.00	0.00502	(81121422)
366373.66	3766622.00	0.00476	(81103106)	366393.66	3766622.00	0.00453	(81101702)
366413.66	3766622.00	0.00432	(81120824)	366433.66	3766622.00	0.00416	(81100822)
366453.66	3766622.00	0.00404	(81100822)	366473.66	3766622.00	0.00393	(81070304)
366493.66	3766622.00	0.00383	(81070304)	366513.66	3766642.00	0.00989	(81050521)
366473.66	3766642.00	0.01018	(81060424)	366453.66	3766642.00	0.01042	(81093019)
364773.66	3766642.00	0.01069	(81082121)	364793.66	3766642.00	0.01088	(81061624)
364813.66	3766642.00	0.01102	(81061303)	364833.66	3766642.00	0.01131	(81070423)
364853.66	3766642.00	0.01139	(81062522)	364873.66	3766642.00	0.01154	(81062923)
364893.66	3766642.00	0.01170	(81021524)	364913.66	3766642.00	0.01185	(81082021)
364933.66	3766642.00	0.01183	(81121020)	364953.66	3766642.00	0.01202	(81082722)
364973.66	3766642.00	0.01198	(81091520)	364993.66	3766642.00	0.01218	(81061502)
365013.66	3766642.00	0.01213	(81080221)	365033.66	3766642.00	0.01209	(81092320)
365053.66	3766642.00	0.01220	(81061623)	365073.66	3766642.00	0.01205	(81091620)
365093.66	3766642.00	0.01197	(81081721)	365113.66	3766642.00	0.01188	(81081622)
365133.66	3766642.00	0.01182	(81091801)	365153.66	3766642.00	0.01168	(81061704)
365173.66	3766642.00	0.01152	(81021422)	365193.66	3766642.00	0.01147	(81070522)
365213.66	3766642.00	0.01136	(81082701)	365233.66	3766642.00	0.01126	(81082522)
365253.66	3766642.00	0.01099	(81070422)	365273.66	3766642.00	0.01085	(81070722)
365293.66	3766642.00	0.01059	(81062821)	365313.66	3766642.00	0.01046	(81091820)
365333.66	3766642.00	0.01027	(81061622)	365353.66	3766642.00	0.00999	(81061220)
365373.66	3766642.00	0.00981	(81082601)	365393.66	3766642.00	0.00952	(81090221)
365413.66	3766642.00	0.00933	(81082703)	365433.66	3766642.00	0.00908	(81070622)
365453.66	3766642.00	0.00884	(81021324)	365473.66	3766642.00	0.00860	(81073121)
365493.66	3766642.00	0.00837	(81070303)	365513.66	3766642.00	0.00817	(81061723)
365533.66	3766642.00	0.00794	(81082502)	365553.66	3766642.00	0.00772	(81091720)
365573.66	3766642.00	0.00752	(81082724)	365593.66	3766642.00	0.00732	(81082423)

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXP0\Expo HRA\EXPohra.isc

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365613.66	3766642.00	0.00717	(81082621)	365633.66	3766642.00	0.00703	(81091924)
365653.66	3766642.00	0.00695	(81080323)	365673.66	3766642.00	0.00694	(81030719)
365693.66	3766642.00	0.00702	(81071123)	365713.66	3766642.00	0.00714	(81090624)
365733.66	3766642.00	0.00738	(81061705)	365753.66	3766642.00	0.00771	(81061705)
365773.66	3766642.00	0.00818	(81061705)	365793.66	3766642.00	0.00879	(81061705)
365813.66	3766642.00	0.00951	(81091721)	365833.66	3766642.00	0.01028	(81081506)
365853.66	3766642.00	0.01097	(81090322)	365873.66	3766642.00	0.01154	(81080602)
365893.66	3766642.00	0.01197	(81071802)	365913.66	3766642.00	0.01229	(81070505)
365933.66	3766642.00	0.01252	(81050823)	365953.66	3766642.00	0.01279	(81082602)
365973.66	3766642.00	0.01344	(81081020)	365993.66	3766642.00	0.01456	(81082323)
366013.66	3766642.00	0.01744	(81070606)	366033.66	3766642.00	0.02134	(81061223)
366053.66	3766642.00	0.02651	(81042901)	366073.66	3766642.00	0.03077	(81082623)
366093.66	3766642.00	0.03238	(81060801)	366113.66	3766642.00	0.03087	(81020421)
366133.66	3766642.00	0.02732	(81090923)	366153.66	3766642.00	0.02311	(81100822)
366173.66	3766642.00	0.01911	(81070605)	366193.66	3766642.00	0.01729	(81090504)
366213.66	3766642.00	0.01430	(81110122)	366233.66	3766642.00	0.01207	(81020305)
366253.66	3766642.00	0.01049	(81051003)	366273.66	3766642.00	0.00929	(81071824)
366293.66	3766642.00	0.00836	(81080101)	366313.66	3766642.00	0.00761	(81080202)
366333.66	3766642.00	0.00700	(81113020)	366353.66	3766642.00	0.00648	(81080202)
366373.66	3766642.00	0.00604	(81111922)	366393.66	3766642.00	0.00565	(81082124)
366413.66	3766642.00	0.00530	(81071903)	366433.66	3766642.00	0.00499	(81061603)
366453.66	3766642.00	0.00471	(81071322)	366473.66	3766642.00	0.00446	(81110204)
366493.66	3766642.00	0.00426	(81072006)	366473.66	3766662.00	0.00963	(81060424)
364733.66	3766662.00	0.00983	(81061903)	364753.66	3766662.00	0.00998	(81123020)
364773.66	3766662.00	0.01038	(81061624)	364793.66	3766662.00	0.01046	(81021721)
364813.66	3766662.00	0.01067	(81070423)	364833.66	3766662.00	0.01072	(81062522)
364853.66	3766662.00	0.01095	(81100122)	364873.66	3766662.00	0.01122	(81082421)
364893.66	3766662.00	0.01129	(81040523)	364913.66	3766662.00	0.01149	(81082021)
364933.66	3766662.00	0.01148	(81092519)	364953.66	3766662.00	0.01158	(81061222)
364973.66	3766662.00	0.01152	(81012220)	364993.66	3766662.00	0.01173	(81061502)
365013.66	3766662.00	0.01169	(81080221)	365033.66	3766662.00	0.01165	(81092320)
365053.66	3766662.00	0.01166	(81061623)	365073.66	3766662.00	0.01167	(81091620)
365093.66	3766662.00	0.01154	(81021821)	365113.66	3766662.00	0.01149	(81081622)
365133.66	3766662.00	0.01138	(81091922)	365153.66	3766662.00	0.01126	(81100622)
365173.66	3766662.00	0.01130	(81061704)	365193.66	3766662.00	0.01099	(81080322)
365213.66	3766662.00	0.01085	(81110719)	365233.66	3766662.00	0.01070	(81082522)
365253.66	3766662.00	0.01061	(81082806)	365273.66	3766662.00	0.01048	(81070422)
365293.66	3766662.00	0.01026	(81070722)	365313.66	3766662.00	0.01004	(81070824)
365333.66	3766662.00	0.00987	(81091820)	365353.66	3766662.00	0.00975	(81061622)
365373.66	3766662.00	0.00945	(81061220)	365393.66	3766662.00	0.00928	(81082601)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365413.66	3766662.00	0.00901	(81090221)	365433.66	3766662.00	0.00883	(81082703)
365453.66	3766662.00	0.00860	(81070622)	365473.66	3766662.00	0.00839	(81071422)
365493.66	3766662.00	0.00815	(81073121)	365513.66	3766662.00	0.00793	(81111622)
365533.66	3766662.00	0.00774	(81091523)	365553.66	3766662.00	0.00755	(81070702)
365573.66	3766662.00	0.00734	(81091706)	365593.66	3766662.00	0.00717	(81082622)
365613.66	3766662.00	0.00697	(81062305)	365633.66	3766662.00	0.00683	(81082621)
365653.66	3766662.00	0.00671	(81082621)	365673.66	3766662.00	0.00663	(81080323)
365693.66	3766662.00	0.00658	(81080323)	365713.66	3766662.00	0.00660	(81110822)
365733.66	3766662.00	0.00669	(81071123)	365753.66	3766662.00	0.00683	(81090624)
365773.66	3766662.00	0.00706	(81061705)	365793.66	3766662.00	0.00739	(81061705)
365813.66	3766662.00	0.00780	(81061705)	365833.66	3766662.00	0.00830	(81061705)
365853.66	3766662.00	0.00882	(81091721)	365873.66	3766662.00	0.00933	(81081506)
365893.66	3766662.00	0.00976	(81090322)	365913.66	3766662.00	0.01009	(81072605)
365933.66	3766662.00	0.01034	(81071802)	365953.66	3766662.00	0.01052	(81070505)
365973.66	3766662.00	0.01067	(81080503)	365993.66	3766662.00	0.01092	(81072005)
366013.66	3766662.00	0.01137	(81082602)	366033.66	3766662.00	0.01198	(81081020)
366053.66	3766662.00	0.01324	(81082323)	366073.66	3766662.00	0.01546	(81082323)
366093.66	3766662.00	0.01866	(81082804)	366113.66	3766662.00	0.02220	(81091505)
366133.66	3766662.00	0.02520	(81090902)	366153.66	3766662.00	0.02691	(81070322)
366173.66	3766662.00	0.02793	(81030204)	366193.66	3766662.00	0.02562	(81062102)
366213.66	3766662.00	0.03043	(81122420)	366233.66	3766662.00	0.02563	(81110104)
366253.66	3766662.00	0.02053	(81102522)	366273.66	3766662.00	0.01668	(81100505)
366293.66	3766662.00	0.01393	(81082105)	366313.66	3766662.00	0.01192	(81112002)
366333.66	3766662.00	0.01043	(81082102)	366353.66	3766662.00	0.00923	(81091601)
366373.66	3766662.00	0.00826	(81071404)	366393.66	3766662.00	0.00746	(81012520)
366413.66	3766662.00	0.00681	(81042122)	366433.66	3766662.00	0.00626	(81082105)
366453.66	3766662.00	0.00581	(81103022)	366473.66	3766662.00	0.00542	(81101705)
366493.66	3766662.00	0.00508	(81072604)	366513.66	3766662.00	0.00923	(81051822)
366533.66	3766682.00	0.00948	(81111907)	366553.66	3766682.00	0.00976	(81082121)
366573.66	3766682.00	0.00989	(81102106)	366593.66	3766682.00	0.01008	(81061303)
366613.66	3766682.00	0.01034	(81070423)	366633.66	3766682.00	0.01046	(81062522)
366653.66	3766682.00	0.01048	(81062923)	366673.66	3766682.00	0.01073	(81092921)
366693.66	3766682.00	0.01083	(81040523)	366713.66	3766682.00	0.01100	(81061822)
366733.66	3766682.00	0.01106	(81092519)	366753.66	3766682.00	0.01115	(81061222)
366773.66	3766682.00	0.01109	(81010220)	366793.66	3766682.00	0.01128	(81061502)
366813.66	3766682.00	0.01125	(81080221)	366833.66	3766682.00	0.01122	(81072603)
366853.66	3766682.00	0.01123	(81061722)	366873.66	3766682.00	0.01123	(81091620)
366893.66	3766682.00	0.01108	(81021821)	366913.66	3766682.00	0.01102	(81083122)
366933.66	3766682.00	0.01099	(81091621)	366953.66	3766682.00	0.01084	(81110820)
366973.66	3766682.00	0.01087	(81061704)	366993.66	3766682.00	0.01061	(81080322)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365213.66	3766682.00	0.01051	(81070522)	365233.66	3766682.00	0.01042	(81082701)
365253.66	3766682.00	0.01031	(81082522)	365273.66	3766682.00	0.01004	(81091223)
365293.66	3766682.00	0.00989	(81082221)	365313.66	3766682.00	0.00971	(81100719)
365333.66	3766682.00	0.00954	(81070824)	365353.66	3766682.00	0.00934	(81090702)
365373.66	3766682.00	0.00925	(81061622)	365393.66	3766682.00	0.00897	(81070502)
365413.66	3766682.00	0.00878	(81082601)	365433.66	3766682.00	0.00854	(81090221)
365453.66	3766682.00	0.00837	(81082703)	365473.66	3766682.00	0.00815	(81081022)
365493.66	3766682.00	0.00797	(81071422)	365513.66	3766682.00	0.00773	(81081405)
365533.66	3766682.00	0.00755	(81061301)	365553.66	3766682.00	0.00735	(81082921)
365573.66	3766682.00	0.00719	(81061723)	365593.66	3766682.00	0.00698	(81081422)
365613.66	3766682.00	0.00681	(81082622)	365633.66	3766682.00	0.00666	(81082724)
365653.66	3766682.00	0.00652	(81082423)	365673.66	3766682.00	0.00642	(81082621)
365693.66	3766682.00	0.00632	(81060921)	365713.66	3766682.00	0.00628	(81080323)
365733.66	3766682.00	0.00626	(81020921)	365753.66	3766682.00	0.00630	(81110822)
365773.66	3766682.00	0.00640	(81071123)	365793.66	3766682.00	0.00656	(81090624)
365813.66	3766682.00	0.00678	(81061705)	365833.66	3766682.00	0.00708	(81061705)
365853.66	3766682.00	0.00744	(81061705)	365873.66	3766682.00	0.00782	(81061705)
365893.66	3766682.00	0.00819	(81091721)	365913.66	3766682.00	0.00851	(81081506)
365933.66	3766682.00	0.00878	(81091002)	365953.66	3766682.00	0.00899	(81072605)
365973.66	3766682.00	0.00914	(81090222)	365993.66	3766682.00	0.00926	(81070505)
366013.66	3766682.00	0.00938	(81080503)	366033.66	3766682.00	0.00959	(81050823)
366053.66	3766682.00	0.00988	(81082602)	366073.66	3766682.00	0.01034	(81082602)
366093.66	3766682.00	0.01113	(81081020)	366113.66	3766682.00	0.01243	(81081020)
366133.66	3766682.00	0.01427	(81081020)	366153.66	3766682.00	0.01750	(81081020)
366173.66	3766682.00	0.02129	(81081406)	366193.66	3766682.00	0.02562	(81091505)
366213.66	3766682.00	0.02938	(81111621)	366233.66	3766682.00	0.03158	(81071724)
366253.66	3766682.00	0.03141	(81082523)	366273.66	3766682.00	0.02919	(81101906)
366293.66	3766682.00	0.02579	(81110801)	366313.66	3766682.00	0.02324	(81120204)
366333.66	3766682.00	0.01979	(81122521)	366353.66	3766682.00	0.01542	(81042703)
366373.66	3766682.00	0.01261	(81102805)	366393.66	3766682.00	0.01070	(81102805)
366413.66	3766682.00	0.00931	(81063003)	366433.66	3766682.00	0.00826	(81080902)
366453.66	3766682.00	0.00746	(81011721)	366473.66	3766682.00	0.00681	(81110119)
366493.66	3766682.00	0.00629	(81060402)	366513.66	3766702.00	0.00901	(81093019)
366533.66	3766702.00	0.00921	(81082121)	366553.66	3766702.00	0.00947	(81061624)
366573.66	3766702.00	0.00955	(81021721)	366593.66	3766702.00	0.00973	(81070423)
366613.66	3766702.00	0.00980	(81011805)	366633.66	3766702.00	0.01006	(81100122)
366653.66	3766702.00	0.01019	(81062923)	366673.66	3766702.00	0.01033	(81021524)
366693.66	3766702.00	0.01034	(81112422)	366713.66	3766702.00	0.01058	(81061822)
366733.66	3766702.00	0.01063	(81090922)	366753.66	3766702.00	0.01072	(81091904)
366773.66	3766702.00	0.01069	(81121022)	366793.66	3766702.00	0.01084	(81061502)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

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

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
365013.66 3766702.00 0.01082 (81080221) 365033.66 3766702.00 0.01080 (81072603)
365053.66 3766702.00 0.01083 (81061722) 365073.66 3766702.00 0.01076 (81061623)
365093.66 3766702.00 0.01067 (81062924) 365113.66 3766702.00 0.01065 (81081421)
365133.66 3766702.00 0.01053 (81100721) 365153.66 3766702.00 0.01046 (81091801)
365173.66 3766702.00 0.01035 (81101902) 365193.66 3766702.00 0.01027 (81061704)
365213.66 3766702.00 0.01011 (81070522) 365233.66 3766702.00 0.00995 (81110719)
365253.66 3766702.00 0.00978 (81082701) 365273.66 3766702.00 0.00972 (81082522)
365293.66 3766702.00 0.00957 (81070422) 365313.66 3766702.00 0.00942 (81070722)
365333.66 3766702.00 0.00921 (81100719) 365353.66 3766702.00 0.00904 (81091820)
365373.66 3766702.00 0.00887 (81062323) 365393.66 3766702.00 0.00877 (81061622)
365413.66 3766702.00 0.00851 (81070502) 365433.66 3766702.00 0.00832 (81082601)
365453.66 3766702.00 0.00810 (81090221) 365473.66 3766702.00 0.00794 (81082703)
365493.66 3766702.00 0.00774 (81081022) 365513.66 3766702.00 0.00757 (81071422)
365533.66 3766702.00 0.00736 (81081405) 365553.66 3766702.00 0.00718 (81061301)
365573.66 3766702.00 0.00700 (81070303) 365593.66 3766702.00 0.00684 (81061723)
365613.66 3766702.00 0.00667 (81082502) 365633.66 3766702.00 0.00650 (81091706)
365653.66 3766702.00 0.00637 (81082622) 365673.66 3766702.00 0.00623 (81062305)
365693.66 3766702.00 0.00613 (81082423) 365713.66 3766702.00 0.00606 (81082621)
365733.66 3766702.00 0.00600 (81091924) 365753.66 3766702.00 0.00597 (81080323)
365773.66 3766702.00 0.00597 (81020921) 365793.66 3766702.00 0.00603 (81110822)
365813.66 3766702.00 0.00615 (81071123) 365833.66 3766702.00 0.00631 (81090624)
365853.66 3766702.00 0.00652 (81090624) 365873.66 3766702.00 0.00679 (81061705)
365893.66 3766702.00 0.00708 (81061705) 365913.66 3766702.00 0.00735 (81061705)
365933.66 3766702.00 0.00761 (81082223) 365953.66 3766702.00 0.00782 (81030819)
365973.66 3766702.00 0.00799 (81100922) 365993.66 3766702.00 0.00812 (81072605)
366013.66 3766702.00 0.00822 (81090222) 366033.66 3766702.00 0.00832 (81070505)
366053.66 3766702.00 0.00843 (81092801) 366073.66 3766702.00 0.00858 (81080503)
366093.66 3766702.00 0.00880 (81072005) 366113.66 3766702.00 0.00916 (81082602)
366133.66 3766702.00 0.00972 (81082602) 366153.66 3766702.00 0.01055 (81082602)
366173.66 3766702.00 0.01173 (81082602) 366193.66 3766702.00 0.01329 (81082602)
366213.66 3766702.00 0.01533 (81081020) 366233.66 3766702.00 0.01787 (81081406)
366253.66 3766702.00 0.02187 (81082323) 366273.66 3766702.00 0.02599 (81091604)
366293.66 3766702.00 0.02937 (81082623) 366313.66 3766702.00 0.03113 (81060801)
366333.66 3766702.00 0.03061 (81081404) 366353.66 3766702.00 0.02564 (81101906)
366373.66 3766702.00 0.02126 (81082903) 366393.66 3766702.00 0.01755 (81121301)
366413.66 3766702.00 0.01448 (81031203) 366433.66 3766702.00 0.01219 (81091324)
366453.66 3766702.00 0.01046 (81110104) 366473.66 3766702.00 0.00917 (81101801)
366493.66 3766702.00 0.00818 (81101801) 364713.66 3766722.00 0.00866 (81123020)
3664733.66 3766722.00 0.00894 (81061624) 364753.66 3766722.00 0.00904 (81021721)
364773.66 3766722.00 0.00923 (81061303) 364793.66 3766722.00 0.00945 (81070423)

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

```

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
364813.66 3766722.00 0.00955 (81062522) 364833.66 3766722.00 0.00959 (81041902)
364853.66 3766722.00 0.00987 (81082421) 364873.66 3766722.00 0.00993 (81080903)
364893.66 3766722.00 0.01007 (81082021) 364913.66 3766722.00 0.01009 (81061822)
364933.66 3766722.00 0.01026 (81082722) 364953.66 3766722.00 0.01031 (81062404)
364973.66 3766722.00 0.01029 (81121022) 364993.66 3766722.00 0.01040 (81061502)
365013.66 3766722.00 0.01040 (81080221) 365033.66 3766722.00 0.01038 (81072603)
365053.66 3766722.00 0.01042 (81061722) 365073.66 3766722.00 0.01041 (81061623)
365093.66 3766722.00 0.01029 (81081002) 365113.66 3766722.00 0.01023 (81081421)
365133.66 3766722.00 0.01015 (81081622) 365153.66 3766722.00 0.01008 (81091922)
365173.66 3766722.00 0.00996 (81100622) 365193.66 3766722.00 0.00999 (81061704)
365213.66 3766722.00 0.00976 (81080322) 365233.66 3766722.00 0.00961 (81070522)
365253.66 3766722.00 0.00954 (81082701) 365273.66 3766722.00 0.00942 (81082522)
365293.66 3766722.00 0.00922 (81082806) 365313.66 3766722.00 0.00910 (81070422)
365333.66 3766722.00 0.00893 (81070722) 365353.66 3766722.00 0.00872 (81062821)
365373.66 3766722.00 0.00860 (81091820) 365393.66 3766722.00 0.00842 (81062323)
365413.66 3766722.00 0.00831 (81061622) 365433.66 3766722.00 0.00808 (81070502)
365453.66 3766722.00 0.00789 (81082504) 365473.66 3766722.00 0.00770 (81090221)
365493.66 3766722.00 0.00755 (81082703) 365513.66 3766722.00 0.00736 (81081623)
365533.66 3766722.00 0.00719 (81071422) 365553.66 3766722.00 0.00701 (81021324)
365573.66 3766722.00 0.00683 (81061301) 365593.66 3766722.00 0.00666 (81070303)
365613.66 3766722.00 0.00651 (81091523) 365633.66 3766722.00 0.00637 (81070702)
365653.66 3766722.00 0.00621 (81081422) 365673.66 3766722.00 0.00608 (81082622)
365693.66 3766722.00 0.00597 (81082724) 365713.66 3766722.00 0.00587 (81082423)
365733.66 3766722.00 0.00580 (81082621) 365753.66 3766722.00 0.00574 (81082621)
365773.66 3766722.00 0.00571 (81091924) 365793.66 3766722.00 0.00570 (81080323)
365813.66 3766722.00 0.00573 (81020921) 365833.66 3766722.00 0.00580 (81110822)
365853.66 3766722.00 0.00593 (81071123) 365873.66 3766722.00 0.00608 (81071123)
365893.66 3766722.00 0.00628 (81090624) 365913.66 3766722.00 0.00650 (81061705)
365933.66 3766722.00 0.00672 (81061705) 365953.66 3766722.00 0.00691 (81091721)
365973.66 3766722.00 0.00709 (81081506) 365993.66 3766722.00 0.00723 (81090322)
366013.66 3766722.00 0.00734 (81091023) 366033.66 3766722.00 0.00743 (81072605)
366053.66 3766722.00 0.00750 (81071802) 366073.66 3766722.00 0.00758 (81070505)
366093.66 3766722.00 0.00767 (81092801) 366113.66 3766722.00 0.00780 (81080503)
366133.66 3766722.00 0.00798 (81050823) 366153.66 3766722.00 0.00827 (81072005)
366173.66 3766722.00 0.00869 (81082602) 366193.66 3766722.00 0.00926 (81082602)
366213.66 3766722.00 0.01001 (81082602) 366233.66 3766722.00 0.01097 (81082602)
366253.66 3766722.00 0.01217 (81100205) 366273.66 3766722.00 0.01377 (81081020)
366293.66 3766722.00 0.01607 (81082323) 366313.66 3766722.00 0.01900 (81081406)
366333.66 3766722.00 0.02087 (81011320) 366353.66 3766722.00 0.02153 (81111219)
366373.66 3766722.00 0.02151 (81100421) 366393.66 3766722.00 0.02088 (81060621)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

```

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
366413.66 3766722.00 0.01970 (81081404) 366433.66 3766722.00 0.01810 (81110219)
366453.66 3766722.00 0.01940 (81082903) 366473.66 3766722.00 0.01579 (81062524)
366493.66 3766722.00 0.01350 (81070304) 364713.66 3766742.00 0.00847 (81082121)
364733.66 3766742.00 0.00863 (81061624) 364753.66 3766742.00 0.00871 (81021721)
364773.66 3766742.00 0.00890 (81070423) 364793.66 3766742.00 0.00897 (81011805)

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364813.66	3766742.00	0.00920	(81100122)	NoxOp.POU.txt	364833.66	3766742.00	0.00928	(81062923)
364853.66	3766742.00	0.00945	(81092921)		364873.66	3766742.00	0.00957	(81040523)
364893.66	3766742.00	0.00973	(81082021)		364913.66	3766742.00	0.00971	(81121020)
364933.66	3766742.00	0.00987	(81082722)		364953.66	3766742.00	0.00991	(81062404)
364973.66	3766742.00	0.00989	(81121022)		364993.66	3766742.00	0.00998	(81061502)
365013.66	3766742.00	0.00999	(81080221)		365033.66	3766742.00	0.00998	(81072603)
365053.66	3766742.00	0.01002	(81061522)		365073.66	3766742.00	0.01004	(81061623)
365093.66	3766742.00	0.00991	(81081002)		365113.66	3766742.00	0.00983	(81081721)
365133.66	3766742.00	0.00979	(81081622)		365153.66	3766742.00	0.00969	(81091621)
365173.66	3766742.00	0.00959	(81110820)		365193.66	3766742.00	0.00954	(81061704)
365213.66	3766742.00	0.00937	(81021422)		365233.66	3766742.00	0.00930	(81070522)
365253.66	3766742.00	0.00913	(81110719)		365273.66	3766742.00	0.00900	(81082701)
365293.66	3766742.00	0.00895	(81082522)		365313.66	3766742.00	0.00873	(81021920)
365333.66	3766742.00	0.00861	(81082221)		365353.66	3766742.00	0.00846	(81082106)
365373.66	3766742.00	0.00829	(81070824)		365393.66	3766742.00	0.00817	(81091820)
365413.66	3766742.00	0.00799	(81061121)		365433.66	3766742.00	0.00788	(81061622)
365453.66	3766742.00	0.00768	(81070502)		365473.66	3766742.00	0.00750	(81082504)
365493.66	3766742.00	0.00732	(81090221)		365513.66	3766742.00	0.00718	(81082703)
365533.66	3766742.00	0.00701	(81062523)		365553.66	3766742.00	0.00684	(81090622)
365573.66	3766742.00	0.00668	(81021324)		365593.66	3766742.00	0.00652	(81073121)
365613.66	3766742.00	0.00636	(81111622)		365633.66	3766742.00	0.00622	(81091523)
365653.66	3766742.00	0.00609	(81061723)		365673.66	3766742.00	0.00594	(81082502)
365693.66	3766742.00	0.00582	(81091706)		365713.66	3766742.00	0.00573	(81082622)
365733.66	3766742.00	0.00562	(81062305)		365753.66	3766742.00	0.00556	(81082423)
365773.66	3766742.00	0.00551	(81082621)		365793.66	3766742.00	0.00547	(81060921)
365813.66	3766742.00	0.00546	(81080323)		365833.66	3766742.00	0.00547	(81080323)
365853.66	3766742.00	0.00551	(81020921)		365873.66	3766742.00	0.00560	(81030719)
365893.66	3766742.00	0.00572	(81071123)		365913.66	3766742.00	0.00587	(81071123)
365933.66	3766742.00	0.00603	(81090624)		365953.66	3766742.00	0.00621	(81061705)
365973.66	3766742.00	0.00637	(81061705)		365993.66	3766742.00	0.00650	(81091721)
366013.66	3766742.00	0.00662	(81081506)		366033.66	3766742.00	0.00671	(81090322)
366053.66	3766742.00	0.00679	(81091023)		366073.66	3766742.00	0.00685	(81072605)
366093.66	3766742.00	0.00691	(81071802)		366113.66	3766742.00	0.00698	(81070505)
366133.66	3766742.00	0.00706	(81070505)		366153.66	3766742.00	0.00716	(81043022)
366173.66	3766742.00	0.00733	(81080503)		366193.66	3766742.00	0.00756	(81050823)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 137

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

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760, L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366213.66	3766742.00	0.00789	(81072005)	366233.66	3766742.00	0.00830	(81082602)
366253.66	3766742.00	0.00883	(81082602)	366273.66	3766742.00	0.00947	(81082602)
366293.66	3766742.00	0.01026	(81082602)	366313.66	3766742.00	0.01124	(81081020)
366333.66	3766742.00	0.01246	(81081020)	366353.66	3766742.00	0.01364	(81081406)
366373.66	3766742.00	0.01455	(81091505)	366393.66	3766742.00	0.01585	(81091604)
366413.66	3766742.00	0.01716	(81111621)	366433.66	3766742.00	0.01863	(81061703)
366453.66	3766742.00	0.01980	(81071724)	366473.66	3766742.00	0.02010	(81062402)
366493.66	3766742.00	0.01915	(81081404)	366488.66	3766742.00	0.01989	(81111120)
364738.66	3766117.00	0.02086	(81020601)	364788.66	3766117.00	0.01947	(81061204)
364838.66	3766117.00	0.02032	(81031205)	364888.66	3766117.00	0.02551	(81101503)
364938.66	3766117.00	0.01799	(81120705)	364988.66	3766117.00	0.01848	(81061420)
365038.66	3766117.00	0.01844	(81101809)	365088.66	3766117.00	0.01796	(81011106)
365138.66	3766117.00	0.01628	(81073104)	365188.66	3766117.00	0.01388	(81081804)
365238.66	3766117.00	0.01422	(81101823)	365288.66	3766117.00	0.01406	(81022201)
365338.66	3766117.00	0.01340	(81100121)	365388.66	3766117.00	0.01248	(81061504)
365438.66	3766117.00	0.01138	(81100103)	365488.66	3766117.00	0.01041	(81071403)
365538.66	3766117.00	0.00944	(81051802)	365588.66	3766117.00	0.00861	(81050424)
365638.66	3766117.00	0.00788	(81121422)	365688.66	3766117.00	0.00724	(81051006)
365738.66	3766117.00	0.00669	(81061505)	365788.66	3766117.00	0.00617	(81110221)
365838.66	3766117.00	0.00572	(81062602)	365888.66	3766117.00	0.00532	(81071801)
365938.66	3766117.00	0.00496	(81071305)	365988.66	3766117.00	0.00464	(81091624)
366038.66	3766117.00	0.00435	(81060823)	366088.66	3766117.00	0.00410	(81061701)
366138.66	3766117.00	0.00387	(81061701)	366188.66	3766117.00	0.00365	(81061701)
366238.66	3766117.00	0.00346	(81061801)	366288.66	3766117.00	0.00328	(81082124)
366338.66	3766117.00	0.00312	(81082124)	366388.66	3766117.00	0.00297	(81082003)
366438.66	3766117.00	0.00284	(81103120)	366488.66	3766117.00	0.00271	(81091724)
366538.66	3766117.00	0.00260	(81091724)	366588.66	3766117.00	0.02133	(81100404)
366638.66	3766167.00	0.00261	(81081603)	366688.66	3766217.00	0.01977	(81042821)
366738.66	3766217.00	0.00263	(81070504)	366788.66	3766267.00	0.01650	(81060501)
366838.66	3766267.00	0.00264	(81090224)	366888.66	3766317.00	0.01422	(81082022)
366938.66	3766317.00	0.00266	(81103022)	366988.66	3766367.00	0.01324	(81083102)
367038.66	3766367.00	0.00268	(81111402)	367088.66	3766417.00	0.01284	(81082422)
367138.66	3766417.00	0.00272	(81072204)	367188.66	3766467.00	0.01224	(81083104)
367238.66	3766467.00	0.00279	(81110119)	367288.66	3766517.00	0.01155	(81081103)
367338.66	3766517.00	0.00291	(81091823)	367388.66	3766567.00	0.01071	(81041621)
367438.66	3766567.00	0.00313	(81072006)	367488.66	3766617.00	0.01002	(81110120)
367538.66	3766617.00	0.00355	(81070304)	367588.66	3766667.00	0.00927	(81062422)
367638.66	3766667.00	0.00473	(81091823)	367688.66	3766717.00	0.00848	(81051822)
367738.66	3766717.00	0.00843	(81091324)	367788.66	3766767.00	0.00787	(81092721)
367838.66	3766767.00	0.00825	(81021721)	367888.66	3766767.00	0.00857	(81062522)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 138

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

INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760, L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364838.66	3766767.00	0.00897	(81082421)	364888.66	3766767.00	0.00924	(81082021)
364938.66	3766767.00	0.00938	(81061222)	364988.66	3766767.00	0.00952	(81061502)
365038.66	3766767.00	0.00948	(81092320)	365088.66	3766767.00	0.00947	(81091620)
365138.66	3766767.00	0.00930	(81081622)	365188.66	3766767.00	0.00908	(81021401)
365238.66	3766767.00	0.00883	(81080322)	365288.66	3766767.00	0.00849	(81082701)
365338.66	3766767.00	0.00826	(81070422)	365388.66	3766767.00	0.00784	(81062821)
365438.66	3766767.00	0.00751	(81061622)	365488.66	3766767.00	0.00715	(81082601)
365538.66	3766767.00	0.00675	(81082703)	365588.66	3766767.00	0.00639	(81071422)
365638.66	3766767.00	0.00602	(81061301)	365688.66	3766767.00	0.00571	(81061723)
365738.66	3766767.00	0.00543	(81091720)	365788.66	3766767.00	0.00526	(81082423)
365838.66	3766767.00	0.00518	(81060921)	365888.66	3766767.00	0.00523	(81080323)

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365938.66 3766767.00 0.00545 (81110822) NOxOp.POU.txt 365988.66 3766767.00 0.00575 (81061705)
366038.66 3766767.00 0.00602 (81091721) 366088.66 3766767.00 0.00618 (81090322)
366138.66 3766767.00 0.00630 (81081004) 366188.66 3766767.00 0.00646 (81070505)
366238.66 3766767.00 0.00681 (81080503) 366288.66 3766767.00 0.00749 (81072005)
366338.66 3766767.00 0.00857 (81082602) 366388.66 3766767.00 0.01001 (81082323)
366438.66 3766767.00 0.01118 (81011320) 366488.66 3766767.00 0.01262 (81111621)
366538.66 3766767.00 0.01238 (81071724) 364663.66 3766092.00 0.01775 (81061124)
364713.66 3766092.00 0.01832 (81011604) 364763.66 3766092.00 0.01721 (81061204)
364813.66 3766092.00 0.01409 (81011205) 364863.66 3766092.00 0.01749 (81121305)
364913.66 3766092.00 0.01607 (81012920) 364963.66 3766092.00 0.01634 (81112805)
365013.66 3766092.00 0.01760 (81091103) 365063.66 3766092.00 0.01711 (81081801)
365113.66 3766092.00 0.01574 (81102404) 365163.66 3766092.00 0.01380 (81073104)
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365313.66 3766092.00 0.01374 (81061422) 365363.66 3766092.00 0.01266 (81061605)
365413.66 3766092.00 0.01158 (81040420) 365463.66 3766092.00 0.01071 (81061504)
365513.66 3766092.00 0.00970 (81100103) 365563.66 3766092.00 0.00889 (81071403)
365613.66 3766092.00 0.00810 (81022101) 365663.66 3766092.00 0.00743 (81022421)
365713.66 3766092.00 0.00685 (81111324) 365763.66 3766092.00 0.00632 (81121422)
365813.66 3766092.00 0.00587 (81051006) 365863.66 3766092.00 0.00547 (81061505)
365913.66 3766092.00 0.00509 (81100201) 365963.66 3766092.00 0.00476 (81110221)
366013.66 3766092.00 0.00446 (81100702) 366063.66 3766092.00 0.00419 (81071801)
366113.66 3766092.00 0.00395 (81071924) 366163.66 3766092.00 0.00373 (81091624)
366213.66 3766092.00 0.00353 (81060823) 366263.66 3766092.00 0.00335 (81061701)
366313.66 3766092.00 0.00319 (81061701) 366363.66 3766092.00 0.00304 (81061701)
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366513.66 3766092.00 0.00264 (81091305) 366563.66 3766092.00 0.00254 (81082124)
364663.66 3766142.00 0.01989 (81070324) 366563.66 3766142.00 0.00255 (81021602)
364663.66 3766192.00 0.01916 (81061305) 366563.66 3766192.00 0.00257 (81071322)
364663.66 3766242.00 0.01703 (81061203) 366563.66 3766242.00 0.00258 (81061424)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364663.66	3766292.00	0.01466	(81091622)	366563.66	3766292.00	0.00260	(81061523)
364663.66	3766342.00	0.01337	(81070724)	366563.66	3766342.00	0.00262	(81072724)
364663.66	3766392.00	0.01255	(81032521)	366563.66	3766392.00	0.00265	(81072803)
364663.66	3766442.00	0.01207	(81081921)	366563.66	3766442.00	0.00270	(81080902)
364663.66	3766492.00	0.01151	(81070424)	366563.66	3766492.00	0.00279	(81110821)
364663.66	3766542.00	0.01077	(81081103)	366563.66	3766542.00	0.00294	(81082006)
364663.66	3766592.00	0.00998	(81041621)	366563.66	3766592.00	0.00322	(81072006)
364663.66	3766642.00	0.00931	(81110120)	366563.66	3766642.00	0.00383	(81100605)
364663.66	3766692.00	0.00867	(81062422)	366563.66	3766692.00	0.00552	(81082006)
364663.66	3766742.00	0.00799	(81051822)	366563.66	3766742.00	0.01024	(81062502)
364663.66	3766792.00	0.00739	(81111907)	364713.66	3766792.00	0.00774	(81102106)
364763.66	3766792.00	0.00811	(81070423)	364813.66	3766792.00	0.00834	(81062923)
364863.66	3766792.00	0.00861	(81040523)	364913.66	3766792.00	0.00885	(81092519)
364963.66	3766792.00	0.00893	(81010220)	365013.66	3766792.00	0.00905	(81080221)
365063.66	3766792.00	0.00902	(81061722)	365113.66	3766792.00	0.00891	(81042121)
365163.66	3766792.00	0.00880	(81091621)	365213.66	3766792.00	0.00861	(81061704)
365263.66	3766792.00	0.00834	(81070522)	365313.66	3766792.00	0.00809	(81082522)
365363.66	3766792.00	0.00773	(81070422)	365413.66	3766792.00	0.00740	(81070824)
365463.66	3766792.00	0.00709	(81061622)	365513.66	3766792.00	0.00673	(81082601)
365563.66	3766792.00	0.00637	(81082703)	365613.66	3766792.00	0.00603	(81071422)
365663.66	3766792.00	0.00570	(81061301)	365713.66	3766792.00	0.00541	(81061723)
365763.66	3766792.00	0.00517	(81091706)	365813.66	3766792.00	0.00500	(81062305)
365863.66	3766792.00	0.00493	(81082621)	365913.66	3766792.00	0.00496	(81080323)
365963.66	3766792.00	0.00510	(81031224)	366013.66	3766792.00	0.00533	(81090624)
366063.66	3766792.00	0.00554	(81061705)	366113.66	3766792.00	0.00567	(81030819)
366163.66	3766792.00	0.00576	(81080602)	366213.66	3766792.00	0.00587	(81090222)
366263.66	3766792.00	0.00608	(81092801)	366313.66	3766792.00	0.00648	(81080503)
366363.66	3766792.00	0.00712	(81072005)	366413.66	3766792.00	0.00796	(81100205)
366463.66	3766792.00	0.00868	(81082505)	366513.66	3766792.00	0.00924	(81091604)
366563.66	3766792.00	0.00940	(81082623)	364613.66	3766042.00	0.01420	(81113023)
364688.66	3766042.00	0.01487	(81061204)	364763.66	3766042.00	0.01422	(81011205)
364838.66	3766042.00	0.01352	(81011201)	364913.66	3766042.00	0.01268	(81111524)
364988.66	3766042.00	0.01417	(81111607)	365063.66	3766042.00	0.01382	(81090302)
365138.66	3766042.00	0.01348	(81100902)	365213.66	3766042.00	0.01375	(81071905)
365288.66	3766042.00	0.01311	(81101919)	365363.66	3766042.00	0.01182	(81110207)
365438.66	3766042.00	0.01047	(81022201)	365513.66	3766042.00	0.00925	(81050824)
365588.66	3766042.00	0.00818	(81061504)	365663.66	3766042.00	0.00721	(81100103)
365738.66	3766042.00	0.00643	(81071403)	365813.66	3766042.00	0.00573	(81051802)
365888.66	3766042.00	0.00516	(81050424)	365963.66	3766042.00	0.00467	(81121422)
366038.66	3766042.00	0.00425	(81051006)	366113.66	3766042.00	0.00390	(81061505)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
L0001749, L0001750, L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366188.66	3766042.00	0.00359	(81100201)	366263.66	3766042.00	0.00332	(81062602)
366338.66	3766042.00	0.00308	(81050924)	366413.66	3766042.00	0.00287	(81071305)
366488.66	3766042.00	0.00268	(81091624)	366563.66	3766042.00	0.00252	(81072104)
364613.66	3766117.00	0.01679	(81012706)	366563.66	3766117.00	0.00254	(81080223)
364613.66	3766192.00	0.01649	(81070405)	366563.66	3766192.00	0.00257	(81071322)
364613.66	3766267.00	0.01437	(81060501)	366563.66	3766267.00	0.00259	(81090224)
364613.66	3766342.00	0.01254	(81070403)	366563.66	3766342.00	0.00262	(81072724)
364613.66	3766417.00	0.01138	(81092521)	366563.66	3766417.00	0.00267	(81080324)
364613.66	3766492.00	0.01053	(81092724)	366563.66	3766492.00	0.00279	(81110821)
364613.66	3766567.00	0.00965	(81101005)	366563.66	3766567.00	0.00306	(81091324)
364613.66	3766642.00	0.00868	(81041621)	366563.66	3766642.00	0.00383	(81100605)
364613.66	3766717.00	0.00791	(81082521)	366563.66	3766717.00	0.00735	(81072006)
364613.66	3766792.00	0.00706	(81091806)	366563.66	3766792.00	0.00940	(81082623)
364613.66	3766867.00	0.00633	(81111907)	364688.66	3766867.00	0.00673	(81012021)
364763.66	3766867.00	0.00714	(81100122)	364838.66	3766867.00	0.00745	(81040523)
364913.66	3766867.00	0.00772	(81082722)	364988.66	3766867.00	0.00781	(81061502)
365063.66	3766867.00	0.00786	(81061722)	365138.66	3766867.00	0.00771	(81081721)

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365213.66	3766867.00	0.00750	(81110820)	365288.66	3766867.00	0.00722	(81070522)
365363.66	3766867.00	0.00691	(81082522)	365438.66	3766867.00	0.00649	(81091001)
365513.66	3766867.00	0.00609	(81062323)	365588.66	3766867.00	0.00568	(81082601)
365663.66	3766867.00	0.00527	(81063001)	365738.66	3766867.00	0.00489	(81073121)
365813.66	3766867.00	0.00459	(81061723)	365888.66	3766867.00	0.00438	(81091720)
365963.66	3766867.00	0.00429	(81082423)	366038.66	3766867.00	0.00434	(81091924)
366113.66	3766867.00	0.00448	(81030719)	366188.66	3766867.00	0.00461	(81061705)
366263.66	3766867.00	0.00467	(81030819)	366338.66	3766867.00	0.00476	(81072605)
366413.66	3766867.00	0.00497	(81070505)	366488.66	3766867.00	0.00533	(81080503)
366563.66	3766867.00	0.00571	(81070503)	364513.66	3765942.00	0.01008	(81011924)
364613.66	3765942.00	0.01098	(81122321)	364713.66	3765942.00	0.01152	(81112503)
364813.66	3765942.00	0.01215	(81122324)	364913.66	3765942.00	0.01271	(81031205)
365013.66	3765942.00	0.01314	(81122221)	365113.66	3765942.00	0.01291	(81032207)
365213.66	3765942.00	0.01227	(81022023)	365313.66	3765942.00	0.01101	(81101722)
365413.66	3765942.00	0.00961	(81101919)	365513.66	3765942.00	0.00830	(81110101)
365613.66	3765942.00	0.00715	(81101002)	365713.66	3765942.00	0.00621	(81100524)
365813.66	3765942.00	0.00542	(81080305)	365913.66	3765942.00	0.00476	(81080806)
366013.66	3765942.00	0.00422	(81100401)	366113.66	3765942.00	0.00377	(81022101)
366213.66	3765942.00	0.00339	(81051802)	366313.66	3765942.00	0.00307	(81050424)
366413.66	3765942.00	0.00281	(81121422)	366513.66	3765942.00	0.00257	(81021303)
366613.66	3765942.00	0.00238	(81061505)	366713.66	3765942.00	0.00221	(81061803)
364513.66	3766042.00	0.01236	(81111120)	366613.66	3766042.00	0.00242	(81060823)
366713.66	3766042.00	0.00224	(81061701)	364513.66	3766142.00	0.01308	(81012221)

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**MODELOPTS: CONC

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
 L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
 L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366613.66	3766142.00	0.00245	(81062403)	366713.66	3766142.00	0.00227	(81062403)
364513.66	3766242.00	0.01186	(81061203)	366613.66	3766242.00	0.00248	(81061424)
366713.66	3766242.00	0.00230	(81061424)	364513.66	3766342.00	0.01062	(81061201)
366613.66	3766342.00	0.00252	(81072724)	366713.66	3766342.00	0.00235	(81062503)
364513.66	3766442.00	0.00947	(81032521)	366613.66	3766442.00	0.00261	(81092923)
366713.66	3766442.00	0.00243	(81072204)	364513.66	3766542.00	0.00852	(81042301)
366613.66	3766542.00	0.00283	(81091823)	366713.66	3766542.00	0.00264	(81070605)
364513.66	3766642.00	0.00764	(81101005)	366613.66	3766642.00	0.00359	(81072006)
366713.66	3766642.00	0.00322	(81072006)	364513.66	3766742.00	0.00673	(81030405)
366613.66	3766742.00	0.00752	(81090501)	366713.66	3766742.00	0.00524	(81071503)
364513.66	3766842.00	0.00599	(81082521)	366613.66	3766842.00	0.00666	(81011320)
366713.66	3766842.00	0.00615	(81061703)	364513.66	3766942.00	0.00530	(81051822)
364613.66	3766942.00	0.00574	(81061624)	364713.66	3766942.00	0.00613	(81062522)
364813.66	3766942.00	0.00650	(81040523)	364913.66	3766942.00	0.00676	(81061222)
365013.66	3766942.00	0.00686	(81080221)	365113.66	3766942.00	0.00683	(81091620)
365213.66	3766942.00	0.00661	(81100801)	365313.66	3766942.00	0.00632	(81080322)
365413.66	3766942.00	0.00596	(81081003)	365513.66	3766942.00	0.00552	(81062821)
365613.66	3766942.00	0.00509	(81061622)	365713.66	3766942.00	0.00466	(81090620)
365813.66	3766942.00	0.00428	(81021324)	365913.66	3766942.00	0.00398	(81091421)
366013.66	3766942.00	0.00382	(81082622)	366113.66	3766942.00	0.00381	(81082621)
366213.66	3766942.00	0.00387	(81020921)	366313.66	3766942.00	0.00394	(81061705)
366413.66	3766942.00	0.00399	(81030819)	366513.66	3766942.00	0.00412	(81072605)
366613.66	3766942.00	0.00434	(81070505)	366713.66	3766942.00	0.00452	(81082602)
364213.66	3765642.00	0.00496	(81101206)	364413.66	3765642.00	0.00573	(81070401)
364613.66	3765642.00	0.00650	(81122324)	364813.66	3765642.00	0.00707	(81031205)
365013.66	3765642.00	0.00760	(81122221)	365213.66	3765642.00	0.00719	(81021322)
365413.66	3765642.00	0.00626	(81101819)	365613.66	3765642.00	0.00524	(81091805)
365813.66	3765642.00	0.00433	(81061802)	366013.66	3765642.00	0.00358	(81110207)
366213.66	3765642.00	0.00300	(81111723)	366413.66	3765642.00	0.00256	(81100121)
366613.66	3765642.00	0.00221	(81110121)	366813.66	3765642.00	0.00193	(81100103)
367013.66	3765642.00	0.00171	(81120106)	364213.66	3765842.00	0.00632	(81112923)
364413.66	3765842.00	0.00748	(81061204)	364613.66	3765842.00	0.00901	(81112503)
364813.66	3765842.00	0.01026	(81020804)	365013.66	3765842.00	0.01120	(81122221)
365213.66	3765842.00	0.01035	(81091602)	365413.66	3765842.00	0.00837	(81011024)
365613.66	3765842.00	0.00648	(81092005)	365813.66	3765842.00	0.00505	(81022201)
366013.66	3765842.00	0.00402	(81082104)	366213.66	3765842.00	0.00327	(81080806)
366413.66	3765842.00	0.00274	(81071403)	366613.66	3765842.00	0.00233	(81051802)
366813.66	3765842.00	0.00202	(81121524)	367013.66	3765842.00	0.00178	(81021303)
364213.66	3766042.00	0.00728	(81100404)	364413.66	3766042.00	0.01028	(81012706)
366813.66	3766042.00	0.00209	(81061701)	367013.66	3766042.00	0.00184	(81091305)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0001742, L0001743, L0001744, L0001745, L0001746, L0001747, L0001748,
 L0001751, L0001752, L0001753, L0001754, L0001755, L0001756, L0001757, L0001758, L0001759, L0001760,
 L0001761, L0001762, L0001763, L0001764, L0001765, L0001766, L0001767, L0001768, L0001769, L0001770, L0001771, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364213.66	3766242.00	0.00664	(81112423)	364413.66	3766242.00	0.00953	(81061203)
366813.66	3766242.00	0.00215	(81061424)	367013.66	3766242.00	0.00190	(81061424)
364213.66	3766442.00	0.00603	(81100105)	364413.66	3766442.00	0.00815	(81083102)
366813.66	3766442.00	0.00228	(81080324)	367013.66	3766442.00	0.00204	(81071124)
364213.66	3766642.00	0.00525	(81082422)	364413.66	3766642.00	0.00671	(81070424)
366813.66	3766642.00	0.00293	(81110104)	367013.66	3766642.00	0.00251	(81091823)
364213.66	3766842.00	0.00444	(81061602)	364413.66	3766842.00	0.00541	(81011519)
366813.66	3766842.00	0.00516	(81062402)	367013.66	3766842.00	0.00372	(81061423)
364213.66	3767042.00	0.00378	(81011519)	364413.66	3767042.00	0.00440	(81091806)
364613.66	3767042.00	0.00504	(81061303)	364813.66	3767042.00	0.00559	(81082021)
365013.66	3767042.00	0.00583	(81080221)	365213.66	3767042.00	0.00567	(81081622)
365413.66	3767042.00	0.00519	(81082701)	365613.66	3767042.00	0.00456	(81062023)
365813.66	3767042.00	0.00391	(81090620)	366013.66	3767042.00	0.00343	(81070303)
366213.66	3767042.00	0.00328	(81082724)	366413.66	3767042.00	0.00331	(81031224)
366613.66	3767042.00	0.00337	(81081506)	366813.66	3767042.00	0.00354	(81070505)
367013.66	3767042.00	0.00344	(81082804)	364213.66	3767242.00	0.00321	(81062422)
364413.66	3767242.00	0.00361	(81070402)	364613.66	3767242.00	0.00397	(81100122)
364813.66	3767242.00	0.00426	(81011822)	365013.66	3767242.00	0.00440	(81060502)
365213.66	3767242.00	0.00432	(81081501)	365413.66	3767242.00	0.00406	(81101904)
365613.66	3767242.00	0.00370	(81091223)	365813.66	3767242.00	0.00330	(81090702)
366013.66	3767242.00	0.00293	(81021523)	366213.66	3767242.00	0.00268	(81073121)
366413.66	3767242.00	0.00258	(81080823)	366613.66	3767242.00	0.00255	(81082621)
366813.66	3767242.00	0.00254	(81110822)	367013.66	3767242.00	0.00257	(81081506)

```

364749.41 3766145.50 0.02481 (81111120) NOxOp.POU.txt 365164.66 3766254.25 0.02127 (81050202)
365136.59 3766369.25 0.01861 (81060119) 364719.78 3766265.75 0.01736 (81060501)
366491.12 3766752.50 0.01712 (81071724) 366496.31 3766728.25 0.01552 (81071503)
365453.47 3766452.00 0.02612 (81031803) 365450.00 3766474.50 0.03215 (81100406)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE SUMMARY OF MAXIMUM PERIOD ( 8760 HRS) RESULTS ***

```

```

** CONC OF NOX IN MICROGRAMS/M**3 **
GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZFLAG) OF TYPE NETWORK GRID-ID
ALL 1ST HIGHEST VALUE IS 0.01731 AT ( 364873.66, 3766202.00, 0.00, 0.00) DC NA
2ND HIGHEST VALUE IS 0.01611 AT ( 364873.66, 3766242.00, 0.00, 0.00) DC NA
3RD HIGHEST VALUE IS 0.01388 AT ( 364873.66, 3766222.00, 0.00, 0.00) DC NA
4TH HIGHEST VALUE IS 0.01374 AT ( 364893.66, 3766222.00, 0.00, 0.00) DC NA
5TH HIGHEST VALUE IS 0.01345 AT ( 364893.66, 3766202.00, 0.00, 0.00) DC NA
6TH HIGHEST VALUE IS 0.01092 AT ( 364893.66, 3766242.00, 0.00, 0.00) DC NA

```

```

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

```

```

** CONC OF NOX IN MICROGRAMS/M**3 **
GROUP ID AVERAGE CONC DATE (YYMMDDHH) RECEPTOR (XR, YR, ZELEV, ZFLAG) OF TYPE NETWORK GRID-ID
ALL HIGH 1ST HIGH VALUE IS 0.08577 ON 81111121: AT ( 364873.66, 3766182.00, 0.00, 0.00) DC NA

```

```

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT

```

*** Message Summary : ISC3P Model Execution ***

```

----- Summary of Total Messages -----
A Total of 0 Fatal Error Message(s)
A Total of 1 Warning Message(s)
A Total of 1673 Informational Message(s)
A Total of 1673 Calm Hours Identified

```

```

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

```

```

***** WARNING MESSAGES *****
SO W320 858 PPARAM :Source Parameter May Be Out-of-Range for Parameter VS

```

```

*****
*** ISC3P Finishes Successfully ***
*****

```

PM10


```

**
*****
**
** ISC-PRIME Input Produced by:
** AERMOD View Ver. 6.0.0
** Lakes Environmental Software Inc.
** Date: 9/2/2009
** File: C:\AERMOD Projects\EXPO\Expo Opera\PM10\PM10op.PIN
**
*****
**
**
*****
** ISC-PRIME Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc
  MODELOPT DFAULT CONC URBAN
  AVERTIME 24 ANNUAL
  POLLUTID PM-10
  TERRHGTs FLAT
  RUNORNOT RUN
CO FINISHED
**
*****
** ISC-PRIME Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FP1
** DESCRSRC
** Length of Side = 3.66
** Emission Rate = 7.496E-09
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 364845.15, 3766207.70, 0.00, 0.50, 0.0
** 364836.91, 3766251.63, 0.00, 0.50, 3.19
** -----
** LOCATION L0002034 VOLUME 364844.819 3766209.549
** LOCATION L0002035 VOLUME 364843.556 3766216.282
** LOCATION L0002036 VOLUME 364842.294 3766223.016
** LOCATION L0002037 VOLUME 364841.031 3766229.750
** LOCATION L0002038 VOLUME 364839.769 3766236.484
** LOCATION L0002039 VOLUME 364838.506 3766243.218
** LOCATION L0002040 VOLUME 364837.243 3766249.951
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FP2
** DESCRSRC
** Length of Side = 7.32
** Emission Rate = 7.496E-09
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 364858.02, 3766207.32, 0.00, 0.50, 0.0
** 364848.87, 3766253.08, 0.00, 0.50, 6.10
** -----
** LOCATION L0002041 VOLUME 364857.313 3766210.836
** LOCATION L0002042 VOLUME 364854.740 3766223.695
** LOCATION L0002043 VOLUME 364852.166 3766236.555
** LOCATION L0002044 VOLUME 364849.593 3766249.414
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FP3
** DESCRSRC
** Length of Side = 7.32
** Emission Rate = 7.496E-09
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 364868.28, 3766213.06, 0.00, 0.50, 0.0
** 364862.99, 3766238.18, 0.00, 0.50, 4.30
** -----
** LOCATION L0002045 VOLUME 364867.532 3766216.580
** LOCATION L0002046 VOLUME 364865.641 3766225.625
** LOCATION L0002047 VOLUME 364863.749 3766234.670
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FD1
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 3.69E-07
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 4
** 364872.25, 3766178.01, 0.00, 0.50, 0.0
** 364866.96, 3766195.20, 0.00, 0.50, 4.85
** 364851.75, 3766204.46, 0.00, 0.50, 4.14
** 364839.85, 3766254.71, 0.00, 0.50, 6.00
** -----
** LOCATION L0002048 VOLUME 364871.135 3766181.643
** LOCATION L0002049 VOLUME 364868.084 3766191.607
** LOCATION L0002050 VOLUME 364862.615 3766197.896
** LOCATION L0002051 VOLUME 364855.006 3766202.521
** LOCATION L0002052 VOLUME 364849.652 3766213.355
** LOCATION L0002053 VOLUME 364846.675 3766225.918
** LOCATION L0002054 VOLUME 364843.699 3766238.480
** LOCATION L0002055 VOLUME 364840.722 3766251.043
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FD2
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 3.69E-07
** Vertical Dimension = 0.50
** SZINIT = 0.23

```

```

** Nodes = 4
** 364871.59, 3766178.01, 0.00, 0.50, 0.0
** 364866.96, 3766193.22, 0.00, 0.50, 3.87
** 364853.07, 3766204.46, 0.00, 0.50, 4.16
** 364840.51, 3766252.73, 0.00, 0.50, 5.80
** -----
LOCATION L0002056 VOLUME 364870.488 3766181.646
LOCATION L0002057 VOLUME 364868.075 3766189.604
LOCATION L0002058 VOLUME 364862.978 3766196.479
LOCATION L0002059 VOLUME 364856.025 3766202.104
LOCATION L0002060 VOLUME 364850.882 3766212.875
LOCATION L0002061 VOLUME 364847.741 3766224.938
LOCATION L0002062 VOLUME 364844.601 3766237.000
LOCATION L0002063 VOLUME 364841.460 3766249.063
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FD3
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 3.69E-07
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 364870.93, 3766178.67, 0.00, 0.50, 0.0
** 364853.07, 3766259.34, 0.00, 0.50, 6.96
** -----
LOCATION L0002064 VOLUME 364870.112 3766182.469
LOCATION L0002065 VOLUME 364866.867 3766197.082
LOCATION L0002066 VOLUME 364863.622 3766211.694
LOCATION L0002067 VOLUME 364860.378 3766226.306
LOCATION L0002068 VOLUME 364857.133 3766240.918
LOCATION L0002069 VOLUME 364853.888 3766255.531
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FD4
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 3.69E-07
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 364871.59, 3766178.67, 0.00, 0.50, 0.0
** 364854.40, 3766256.04, 0.00, 0.50, 6.65
** -----
LOCATION L0002070 VOLUME 364870.766 3766182.469
LOCATION L0002071 VOLUME 364867.660 3766196.431
LOCATION L0002072 VOLUME 364864.553 3766210.394
LOCATION L0002073 VOLUME 364861.447 3766224.356
LOCATION L0002074 VOLUME 364858.340 3766238.319
LOCATION L0002075 VOLUME 364855.234 3766252.281
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FD5
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 3.69E-07
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 4
** 364871.59, 3766177.35, 0.00, 0.50, 0.0
** 364866.96, 3766194.54, 0.00, 0.50, 4.76
** 364874.89, 3766211.07, 0.00, 0.50, 4.26
** 364868.94, 3766239.51, 0.00, 0.50, 6.77
** -----
LOCATION L0002076 VOLUME 364870.607 3766180.930
LOCATION L0002077 VOLUME 364867.955 3766190.820
LOCATION L0002078 VOLUME 364869.286 3766199.317
LOCATION L0002079 VOLUME 364873.255 3766207.567
LOCATION L0002080 VOLUME 364872.703 3766221.521
LOCATION L0002081 VOLUME 364869.718 3766235.771
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FD6
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 3.69E-07
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 4
** 364871.59, 3766179.33, 0.00, 0.50, 0.0
** 364865.64, 3766196.53, 0.00, 0.50, 4.95
** 364876.22, 3766209.75, 0.00, 0.50, 3.95
** 364868.94, 3766238.84, 0.00, 0.50, 6.95
** -----
LOCATION L0002082 VOLUME 364870.348 3766182.851
LOCATION L0002083 VOLUME 364866.871 3766192.899
LOCATION L0002084 VOLUME 364868.543 3766200.149
LOCATION L0002085 VOLUME 364873.840 3766206.774
LOCATION L0002086 VOLUME 364873.506 3766220.555
LOCATION L0002087 VOLUME 364869.865 3766235.055
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FTD1
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 1.034E-07
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 5
** 365112.27, 3766242.15, 0.00, 1.83, 0.0
** 365040.86, 3766246.78, 0.00, 1.83, 5.95
** 365038.88, 3766261.33, 0.00, 1.83, 6.81
** 365062.02, 3766271.91, 0.00, 1.83, 5.94
** 365009.12, 3766259.34, 0.00, 1.83, 6.33
** -----
LOCATION L0002088 VOLUME 365108.479 3766242.490
LOCATION L0002089 VOLUME 365095.719 3766243.294
LOCATION L0002090 VOLUME 365082.958 3766244.098
LOCATION L0002091 VOLUME 365070.198 3766244.902
LOCATION L0002092 VOLUME 365057.438 3766245.706
LOCATION L0002093 VOLUME 365044.677 3766246.510
LOCATION L0002094 VOLUME 365039.396 3766257.476
LOCATION L0002095 VOLUME 365046.997 3766265.021

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LOCATION L0002096 VOLUME 365058.575 3766270.396
LOCATION L0002097 VOLUME 365052.509 3766269.705
LOCATION L0002098 VOLUME 365039.282 3766266.518
LOCATION L0002099 VOLUME 365026.056 3766263.330
LOCATION L0002100 VOLUME 365012.829 3766260.143
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FTD2
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 1.034E-07
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 3
** 365011.77, 3766260.00, 0.00, 1.83, 0.0
** 365101.03, 3766260.66, 0.00, 1.83, 6.33
** 365110.29, 3766240.83, 0.00, 1.83, 5.12
** -----
LOCATION L0002101 VOLUME 365015.591 3766260.032
LOCATION L0002102 VOLUME 365029.196 3766260.146
LOCATION L0002103 VOLUME 365042.801 3766260.261
LOCATION L0002104 VOLUME 365056.406 3766260.375
LOCATION L0002105 VOLUME 365070.011 3766260.489
LOCATION L0002106 VOLUME 365083.616 3766260.604
LOCATION L0002107 VOLUME 365097.221 3766260.718
LOCATION L0002108 VOLUME 365104.057 3766254.208
LOCATION L0002109 VOLUME 365108.682 3766244.208
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BP1
** DESCRSRC
** Length of Side = 3.66
** Emission Rate = 2.369E-09
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 365910.40, 3766582.01, 0.00, 0.50, 0.0
** 366446.71, 3766722.39, 0.00, 0.50, 3.37
** -----
LOCATION L0002110 VOLUME 365912.175 3766582.463
LOCATION L0002111 VOLUME 365919.186 3766584.300
LOCATION L0002112 VOLUME 365926.196 3766586.136
LOCATION L0002113 VOLUME 365933.206 3766587.973
LOCATION L0002114 VOLUME 365940.216 3766589.809
LOCATION L0002115 VOLUME 365947.226 3766591.646
LOCATION L0002116 VOLUME 365954.236 3766593.482
LOCATION L0002117 VOLUME 365961.247 3766595.319
LOCATION L0002118 VOLUME 365968.257 3766597.155
LOCATION L0002119 VOLUME 365975.267 3766598.992
LOCATION L0002120 VOLUME 365982.277 3766600.828
LOCATION L0002121 VOLUME 365989.287 3766602.665
LOCATION L0002122 VOLUME 365996.298 3766604.501
LOCATION L0002123 VOLUME 366003.308 3766606.338
LOCATION L0002124 VOLUME 366010.318 3766608.174
LOCATION L0002125 VOLUME 366017.328 3766610.011
LOCATION L0002126 VOLUME 366024.338 3766611.847
LOCATION L0002127 VOLUME 366031.349 3766613.684
LOCATION L0002128 VOLUME 366038.359 3766615.520
LOCATION L0002129 VOLUME 366045.369 3766617.357
LOCATION L0002130 VOLUME 366052.379 3766619.193
LOCATION L0002131 VOLUME 366059.389 3766621.030
LOCATION L0002132 VOLUME 366066.399 3766622.866
LOCATION L0002133 VOLUME 366073.410 3766624.703
LOCATION L0002134 VOLUME 366080.420 3766626.539
LOCATION L0002135 VOLUME 366087.430 3766628.376
LOCATION L0002136 VOLUME 366094.440 3766630.212
LOCATION L0002137 VOLUME 366101.450 3766632.049
LOCATION L0002138 VOLUME 366108.461 3766633.885
LOCATION L0002139 VOLUME 366115.471 3766635.722
LOCATION L0002140 VOLUME 366122.481 3766637.558
LOCATION L0002141 VOLUME 366129.491 3766639.395
LOCATION L0002142 VOLUME 366136.501 3766641.231
LOCATION L0002143 VOLUME 366143.511 3766643.068
LOCATION L0002144 VOLUME 366150.522 3766644.904
LOCATION L0002145 VOLUME 366157.532 3766646.741
LOCATION L0002146 VOLUME 366164.542 3766648.577
LOCATION L0002147 VOLUME 366171.552 3766650.413
LOCATION L0002148 VOLUME 366178.562 3766652.250
LOCATION L0002149 VOLUME 366185.573 3766654.086
LOCATION L0002150 VOLUME 366192.583 3766655.923
LOCATION L0002151 VOLUME 366199.593 3766657.759
LOCATION L0002152 VOLUME 366206.603 3766659.596
LOCATION L0002153 VOLUME 366213.613 3766661.432
LOCATION L0002154 VOLUME 366220.624 3766663.269
LOCATION L0002155 VOLUME 366227.634 3766665.105
LOCATION L0002156 VOLUME 366234.644 3766666.942
LOCATION L0002157 VOLUME 366241.654 3766668.778
LOCATION L0002158 VOLUME 366248.664 3766670.615
LOCATION L0002159 VOLUME 366255.675 3766672.451
LOCATION L0002160 VOLUME 366262.685 3766674.288
LOCATION L0002161 VOLUME 366269.695 3766676.124
LOCATION L0002162 VOLUME 366276.705 3766677.961
LOCATION L0002163 VOLUME 366283.715 3766679.797
LOCATION L0002164 VOLUME 366290.726 3766681.634
LOCATION L0002165 VOLUME 366297.736 3766683.470
LOCATION L0002166 VOLUME 366304.746 3766685.307
LOCATION L0002167 VOLUME 366311.756 3766687.143
LOCATION L0002168 VOLUME 366318.766 3766688.980
LOCATION L0002169 VOLUME 366325.777 3766690.816
LOCATION L0002170 VOLUME 366332.787 3766692.653
LOCATION L0002171 VOLUME 366339.797 3766694.489
LOCATION L0002172 VOLUME 366346.807 3766696.326
LOCATION L0002173 VOLUME 366353.817 3766698.162
LOCATION L0002174 VOLUME 366360.828 3766699.999
LOCATION L0002175 VOLUME 366367.838 3766701.835
LOCATION L0002176 VOLUME 366374.848 3766703.672
LOCATION L0002177 VOLUME 366381.858 3766705.508
LOCATION L0002178 VOLUME 366388.868 3766707.345
LOCATION L0002179 VOLUME 366395.879 3766709.181
LOCATION L0002180 VOLUME 366402.889 3766711.018
LOCATION L0002181 VOLUME 366409.899 3766712.854
LOCATION L0002182 VOLUME 366416.909 3766714.691
LOCATION L0002183 VOLUME 366423.919 3766716.527
LOCATION L0002184 VOLUME 366430.930 3766718.364
LOCATION L0002185 VOLUME 366437.940 3766720.200
LOCATION L0002186 VOLUME 366444.950 3766722.037

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** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BP2
** DESCRSRC
** Length of Side = 3.66
** Emission Rate = 2.369E-09
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 365834.43, 3766564.98, 0.00, 0.50, 0.0
** 365480.24, 3766467.05, 0.00, 0.50, 3.38
** -----
LOCATION L0002187 VOLUME 365832.675 3766564.512
LOCATION L0002188 VOLUME 365825.662 3766562.572
LOCATION L0002189 VOLUME 365818.648 3766560.631
LOCATION L0002190 VOLUME 365811.635 3766558.691
LOCATION L0002191 VOLUME 365804.622 3766556.750
LOCATION L0002192 VOLUME 365797.609 3766554.810
LOCATION L0002193 VOLUME 365790.595 3766552.869
LOCATION L0002194 VOLUME 365783.582 3766550.929
LOCATION L0002195 VOLUME 365776.569 3766548.988
LOCATION L0002196 VOLUME 365769.556 3766547.048
LOCATION L0002197 VOLUME 365762.542 3766545.107
LOCATION L0002198 VOLUME 365755.529 3766543.167
LOCATION L0002199 VOLUME 365748.516 3766541.226
LOCATION L0002200 VOLUME 365741.503 3766539.286
LOCATION L0002201 VOLUME 365734.489 3766537.345
LOCATION L0002202 VOLUME 365727.476 3766535.405
LOCATION L0002203 VOLUME 365720.463 3766533.464
LOCATION L0002204 VOLUME 365713.450 3766531.524
LOCATION L0002205 VOLUME 365706.436 3766529.583
LOCATION L0002206 VOLUME 365699.423 3766527.643
LOCATION L0002207 VOLUME 365692.410 3766525.702
LOCATION L0002208 VOLUME 365685.397 3766523.762
LOCATION L0002209 VOLUME 365678.384 3766521.821
LOCATION L0002210 VOLUME 365671.370 3766519.881
LOCATION L0002211 VOLUME 365664.357 3766517.940
LOCATION L0002212 VOLUME 365657.344 3766516.000
LOCATION L0002213 VOLUME 365650.331 3766514.060
LOCATION L0002214 VOLUME 365643.317 3766512.119
LOCATION L0002215 VOLUME 365636.304 3766510.179
LOCATION L0002216 VOLUME 365629.291 3766508.238
LOCATION L0002217 VOLUME 365622.278 3766506.298
LOCATION L0002218 VOLUME 365615.264 3766504.357
LOCATION L0002219 VOLUME 365608.251 3766502.417
LOCATION L0002220 VOLUME 365601.238 3766500.476
LOCATION L0002221 VOLUME 365594.225 3766498.536
LOCATION L0002222 VOLUME 365587.211 3766496.595
LOCATION L0002223 VOLUME 365580.198 3766494.655
LOCATION L0002224 VOLUME 365573.185 3766492.714
LOCATION L0002225 VOLUME 365566.172 3766490.774
LOCATION L0002226 VOLUME 365559.158 3766488.833
LOCATION L0002227 VOLUME 365552.145 3766486.893
LOCATION L0002228 VOLUME 365545.132 3766484.952
LOCATION L0002229 VOLUME 365538.119 3766483.012
LOCATION L0002230 VOLUME 365531.105 3766481.071
LOCATION L0002231 VOLUME 365524.092 3766479.131
LOCATION L0002232 VOLUME 365517.079 3766477.190
LOCATION L0002233 VOLUME 365510.066 3766475.250
LOCATION L0002234 VOLUME 365503.052 3766473.309
LOCATION L0002235 VOLUME 365496.039 3766471.369
LOCATION L0002236 VOLUME 365489.026 3766469.428
LOCATION L0002237 VOLUME 365482.013 3766467.488
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BD1
** DESCRSRC
** Length of Side = 9.14
** Emission Rate = 3.272E-06
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 3
** 365460.10, 3766465.22, 0.00, 0.50, 0.0
** 365478.88, 3766474.16, 0.00, 0.50, 5.44
** 365744.44, 3766547.49, 0.00, 0.50, 8.01
** -----
LOCATION L0002238 VOLUME 365464.215 3766467.225
LOCATION L0002239 VOLUME 365474.754 3766472.275
LOCATION L0002240 VOLUME 365491.067 3766477.613
LOCATION L0002241 VOLUME 365507.665 3766482.191
LOCATION L0002242 VOLUME 365524.262 3766486.769
LOCATION L0002243 VOLUME 365540.860 3766491.347
LOCATION L0002244 VOLUME 365557.458 3766495.925
LOCATION L0002245 VOLUME 365574.055 3766500.504
LOCATION L0002246 VOLUME 365590.653 3766505.082
LOCATION L0002247 VOLUME 365607.251 3766509.660
LOCATION L0002248 VOLUME 365623.848 3766514.238
LOCATION L0002249 VOLUME 365640.446 3766518.816
LOCATION L0002250 VOLUME 365657.044 3766523.394
LOCATION L0002251 VOLUME 365673.641 3766527.972
LOCATION L0002252 VOLUME 365690.239 3766532.550
LOCATION L0002253 VOLUME 365706.837 3766537.129
LOCATION L0002254 VOLUME 365723.434 3766541.707
LOCATION L0002255 VOLUME 365740.032 3766546.285
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BD2
** DESCRSRC
** Length of Side = 9.14
** Emission Rate = 3.272E-06
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 3
** 365884.77, 3766575.04, 0.00, 0.50, 0.0
** 365845.83, 3766575.04, 0.00, 0.50, 6.93
** 365603.36, 3766509.62, 0.00, 0.50, 8.35
** -----
LOCATION L0002256 VOLUME 365880.209 3766575.000
LOCATION L0002257 VOLUME 365865.313 3766575.000
LOCATION L0002258 VOLUME 365850.416 3766575.000
LOCATION L0002259 VOLUME 365832.936 3766571.514
LOCATION L0002260 VOLUME 365815.615 3766566.835
LOCATION L0002261 VOLUME 365798.293 3766562.156
LOCATION L0002262 VOLUME 365780.972 3766557.478
LOCATION L0002263 VOLUME 365763.650 3766552.799

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LOCATION L0002264 VOLUME 365746.329 3766548.121
LOCATION L0002265 VOLUME 365729.008 3766543.442
LOCATION L0002266 VOLUME 365711.686 3766538.764
LOCATION L0002267 VOLUME 365694.365 3766534.085
LOCATION L0002268 VOLUME 365677.043 3766529.406
LOCATION L0002269 VOLUME 365659.722 3766524.728
LOCATION L0002270 VOLUME 365642.400 3766520.049
LOCATION L0002271 VOLUME 365625.079 3766515.371
LOCATION L0002272 VOLUME 365607.758 3766510.692
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BD3
** DESCRSRC
** Length of Side = 9.14
** Emission Rate = 3.272E-06
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 3
** 365896.66, 3766575.04, 0.00, 0.50, 0.0
** 365903.07, 3766588.77, 0.00, 0.50, 2.80
** 366303.94, 3766694.94, 0.00, 0.50, 8.39
** -----
LOCATION L0002273 VOLUME 365898.587 3766579.144
LOCATION L0002274 VOLUME 365901.132 3766584.606
LOCATION L0002275 VOLUME 365916.072 3766592.198
LOCATION L0002276 VOLUME 365933.502 3766596.818
LOCATION L0002277 VOLUME 365950.931 3766601.437
LOCATION L0002278 VOLUME 365968.360 3766606.057
LOCATION L0002279 VOLUME 365985.790 3766610.676
LOCATION L0002280 VOLUME 366003.219 3766615.296
LOCATION L0002281 VOLUME 366020.649 3766619.916
LOCATION L0002282 VOLUME 366038.078 3766624.535
LOCATION L0002283 VOLUME 366055.507 3766629.155
LOCATION L0002284 VOLUME 366072.937 3766633.774
LOCATION L0002285 VOLUME 366090.366 3766638.394
LOCATION L0002286 VOLUME 366107.795 3766643.013
LOCATION L0002287 VOLUME 366125.225 3766647.633
LOCATION L0002288 VOLUME 366142.654 3766652.253
LOCATION L0002289 VOLUME 366160.083 3766656.872
LOCATION L0002290 VOLUME 366177.513 3766661.492
LOCATION L0002291 VOLUME 366194.942 3766666.111
LOCATION L0002292 VOLUME 366212.371 3766670.731
LOCATION L0002293 VOLUME 366229.801 3766675.350
LOCATION L0002294 VOLUME 366247.230 3766679.970
LOCATION L0002295 VOLUME 366264.659 3766684.590
LOCATION L0002296 VOLUME 366282.089 3766689.209
LOCATION L0002297 VOLUME 366299.518 3766693.829
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BD4
** DESCRSRC
** Length of Side = 9.14
** Emission Rate = 3.272E-06
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 3
** 366486.98, 3766733.38, 0.00, 0.50, 0.0
** 366444.88, 3766730.63, 0.00, 0.50, 7.68
** 366017.47, 3766620.80, 0.00, 0.50, 8.21
** -----
LOCATION L0002298 VOLUME 366482.406 3766733.202
LOCATION L0002299 VOLUME 366465.922 3766732.125
LOCATION L0002300 VOLUME 366449.437 3766731.048
LOCATION L0002301 VOLUME 366432.206 3766727.490
LOCATION L0002302 VOLUME 366415.110 3766723.090
LOCATION L0002303 VOLUME 366398.014 3766718.690
LOCATION L0002304 VOLUME 366380.918 3766714.290
LOCATION L0002305 VOLUME 366363.821 3766709.890
LOCATION L0002306 VOLUME 366346.725 3766705.490
LOCATION L0002307 VOLUME 366329.629 3766701.090
LOCATION L0002308 VOLUME 366312.533 3766696.690
LOCATION L0002309 VOLUME 366295.436 3766692.290
LOCATION L0002310 VOLUME 366278.340 3766687.890
LOCATION L0002311 VOLUME 366261.244 3766683.490
LOCATION L0002312 VOLUME 366244.148 3766679.090
LOCATION L0002313 VOLUME 366227.051 3766674.690
LOCATION L0002314 VOLUME 366209.955 3766670.290
LOCATION L0002315 VOLUME 366192.859 3766665.890
LOCATION L0002316 VOLUME 366175.763 3766661.490
LOCATION L0002317 VOLUME 366158.666 3766657.090
LOCATION L0002318 VOLUME 366141.570 3766652.690
LOCATION L0002319 VOLUME 366124.474 3766648.290
LOCATION L0002320 VOLUME 366107.378 3766643.890
LOCATION L0002321 VOLUME 366090.281 3766639.490
LOCATION L0002322 VOLUME 366073.185 3766635.090
LOCATION L0002323 VOLUME 366056.089 3766630.690
LOCATION L0002324 VOLUME 366038.993 3766626.290
LOCATION L0002325 VOLUME 366021.896 3766621.890
** End of Line Source
LOCATION FTI POINT 365010.980 3766260.170
** Source Parameters **
SRCPARAM L0002034 1.0709E-09 0.50 3.19 0.23
SRCPARAM L0002035 1.0709E-09 0.50 3.19 0.23
SRCPARAM L0002036 1.0709E-09 0.50 3.19 0.23
SRCPARAM L0002037 1.0709E-09 0.50 3.19 0.23
SRCPARAM L0002038 1.0709E-09 0.50 3.19 0.23
SRCPARAM L0002039 1.0709E-09 0.50 3.19 0.23
SRCPARAM L0002040 1.0709E-09 0.50 3.19 0.23
SRCPARAM L0002041 1.874E-09 0.50 6.10 0.23
SRCPARAM L0002042 1.874E-09 0.50 6.10 0.23
SRCPARAM L0002043 1.874E-09 0.50 6.10 0.23
SRCPARAM L0002044 1.874E-09 0.50 6.10 0.23
SRCPARAM L0002045 2.4987E-09 0.50 4.30 0.23
SRCPARAM L0002046 2.4987E-09 0.50 4.30 0.23
SRCPARAM L0002047 2.4987E-09 0.50 4.30 0.23
SRCPARAM L0002048 4.6125E-08 0.50 4.85 0.23
SRCPARAM L0002049 4.6125E-08 0.50 4.85 0.23
SRCPARAM L0002050 4.6125E-08 0.50 4.14 0.23
SRCPARAM L0002051 4.6125E-08 0.50 4.14 0.23
SRCPARAM L0002052 4.6125E-08 0.50 6.00 0.23
SRCPARAM L0002053 4.6125E-08 0.50 6.00 0.23
SRCPARAM L0002054 4.6125E-08 0.50 6.00 0.23
SRCPARAM L0002055 4.6125E-08 0.50 6.00 0.23
SRCPARAM L0002056 4.6125E-08 0.50 3.87 0.23
SRCPARAM L0002057 4.6125E-08 0.50 3.87 0.23
SRCPARAM L0002058 4.6125E-08 0.50 4.16 0.23

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SRCPARAM L0002295 1.3088E-07 0.50 8.39 0.23
SRCPARAM L0002296 1.3088E-07 0.50 8.39 0.23
SRCPARAM L0002297 1.3088E-07 0.50 8.39 0.23
SRCPARAM L0002298 1.1686E-07 0.50 7.68 0.23
SRCPARAM L0002299 1.1686E-07 0.50 7.68 0.23
SRCPARAM L0002300 1.1686E-07 0.50 7.68 0.23
SRCPARAM L0002301 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002302 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002303 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002304 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002305 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002306 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002307 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002308 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002309 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002310 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002311 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002312 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002313 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002314 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002315 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002316 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002317 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002318 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002319 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002320 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002321 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002322 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002323 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002324 1.1686E-07 0.50 8.21 0.23
SRCPARAM L0002325 1.1686E-07 0.50 8.21 0.23
SRCPARAM FTI 7.755E-07 12.600 366.000 51.71000 0.100
SRCGROUP ALL
SO FINISHED
**
*****
** ISC-PRIME Receptor Pathway
*****
**
**
RE STARTING
** DESCRREC "RES" "Residential"
DISCCART 364763.71 3766123.21
DISCCART 364877.00 3766157.65
DISCCART 364996.63 3766189.37
DISCCART 365152.52 3766233.78
DISCCART 365186.06 3766252.81
DISCCART 364813.56 3766040.73
DISCCART 364906.91 3766067.02
DISCCART 365017.48 3766096.02
DISCCART 365171.56 3766136.80
DISCCART 364901.47 3765939.22
DISCCART 364943.16 3765956.44
DISCCART 365049.20 3765981.82
DISCCART 365196.03 3766026.23
** DESCRREC "Both" "Res"
DISCCART 365319.29 3766299.03
DISCCART 365341.04 3766259.16
DISCCART 365370.95 3766205.68
DISCCART 365416.26 3766100.55
** DESCRREC "BRES" "Bundy Residential"
DISCCART 365711.60 3766501.92
DISCCART 366498.21 3766709.29
DISCCART 365730.52 3766430.31
DISCCART 366513.30 3766637.30
DISCCART 365475.87 3766363.83
DISCCART 365509.74 3766271.00
DISCCART 365760.63 3766338.74
DISCCART 366539.65 3766543.22
** BEGIN OF NESTED GRID RECEPTORS

** Nested Grid ID = NSTD2
** Grid Count = 5
** Receptor Count = 3221
** X Origin of Bounding Box = 364713.65
** Y Origin of Bounding Box = 3766141.96
** X Size of Bounding Box = 1777.55
** Y Size of Bounding Box = 605.49
** Grid #1: Distance from Bounding Box = 25.00 Spacing = 50.00
** Grid #2: Distance from Bounding Box = 50.00 Spacing = 50.00
** Grid #3: Distance from Bounding Box = 100.00 Spacing = 75.00
** Grid #4: Distance from Bounding Box = 200.00 Spacing = 100.00
** Grid #5: Distance from Bounding Box = 500.00 Spacing = 200.00
DISCCART 364713.65 3766141.96
DISCCART 364733.65 3766141.96
DISCCART 364753.65 3766141.96
DISCCART 364773.65 3766141.96
DISCCART 364793.65 3766141.96
DISCCART 364813.65 3766141.96
DISCCART 364833.65 3766141.96
DISCCART 364853.65 3766141.96
DISCCART 364873.65 3766141.96
DISCCART 364893.65 3766141.96
DISCCART 364913.65 3766141.96
DISCCART 364933.65 3766141.96
DISCCART 364953.65 3766141.96
DISCCART 364973.65 3766141.96
DISCCART 364993.65 3766141.96
DISCCART 365013.65 3766141.96
DISCCART 365033.65 3766141.96
DISCCART 365053.65 3766141.96
DISCCART 365073.65 3766141.96
DISCCART 365093.65 3766141.96
DISCCART 365113.65 3766141.96
DISCCART 365133.65 3766141.96
DISCCART 365153.65 3766141.96
DISCCART 365173.65 3766141.96
DISCCART 365193.65 3766141.96
DISCCART 365213.65 3766141.96
DISCCART 365233.65 3766141.96
DISCCART 365253.65 3766141.96
DISCCART 365273.65 3766141.96
DISCCART 365293.65 3766141.96
DISCCART 365313.65 3766141.96
DISCCART 365333.65 3766141.96
DISCCART 365353.65 3766141.96
DISCCART 365373.65 3766141.96
DISCCART 365393.65 3766141.96

```



```

** -----
** END OF NESTED GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name SITE
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART 364749.39 3766145.41
DISCCART 365164.66 3766254.24
DISCCART 365136.58 3766369.34
DISCCART 364719.79 3766265.79
** Plant Boundary Name PLBN1
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART 366491.12 3766752.49
DISCCART 366496.30 3766728.31
DISCCART 365453.45 3766452.06
DISCCART 365450.00 3766474.51
RE FINISHED

```

```

**
*****
** ISC-PRIME Meteorology Pathway
*****

```

```

**
ME STARTING
INPUTFIL C:\AERMOD~1\METDAT~1\WESTLA.ASC
ANEMHGHT 97 METERS
SURFDATA 52158 1981
UAIRDATA 91919 1981
ME FINISHED

```

```

**
*****
** ISC-PRIME Output Pathway
*****

```

```

**
OU STARTING
RECTABLE ALLAVE 1ST 6TH
RECTABLE 24 1ST 6TH
** Auto-Generated Plotfiles
PLOTFILE 24 ALL 1ST PM100P.PR\24H1GALL.PLT
PLOTFILE 24 ALL 6TH PM100P.PR\24H6GALL.PLT
PLOTFILE ANNUAL ALL PM100P.PR\AN00GALL.PLT
OU FINISHED

```

*** Message Summary For ISC3P Model Setup ***

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

```

A Total of      0 Fatal Error Message(s)
A Total of      1 Warning Message(s)
A Total of      0 Informational Message(s)

```

```

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

```

```

***** WARNING MESSAGES *****
SO W320 858 PPARM :Source Parameter May Be Out-of-Range for Parameter VS

```

```

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

```

```

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***

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```

***
***

```

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```

**MODELOPTS: CONC          URBAN  FLAT          DEFAULT
***          MODEL SETUP OPTIONS SUMMARY          ***

```

**Intermediate Terrain Processing is Selected

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

```

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations
**Model Uses URBAN Dispersion.

```

```

**Model Uses Regulatory DEFAULT Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

```

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 293 Source(s); 1 Source Group(s); and 3254 Receptor(s)

**The Model Assumes A Pollutant Type of: PM-10

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

```

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High values for Plotting (PLOTFILE Keyword)

```

**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: Anem. Hgt. (m) = 97.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
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Emission Units = GRAMS/SEC
Output Units = MICROGRAMS/M**3

PM10op.POU.txt
; Emission Rate Unit Factor = 0.10000E+07

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
FTI	0	0.77550E-06	365011.0	3766260.0	0.0	12.60	366.00	51.71	0.10	NO	
1 *** ISC3P - VERSION 04269 ***											*** ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0002034	0	0.10709E-08	364844.8	3766209.5	0.0	0.50	3.19	0.23	
L0002035	0	0.10709E-08	364843.6	3766216.2	0.0	0.50	3.19	0.23	
L0002036	0	0.10709E-08	364842.3	3766223.0	0.0	0.50	3.19	0.23	
L0002037	0	0.10709E-08	364841.0	3766229.8	0.0	0.50	3.19	0.23	
L0002038	0	0.10709E-08	364839.8	3766236.5	0.0	0.50	3.19	0.23	
L0002039	0	0.10709E-08	364838.5	3766243.2	0.0	0.50	3.19	0.23	
L0002040	0	0.10709E-08	364837.2	3766250.0	0.0	0.50	3.19	0.23	
L0002041	0	0.18740E-08	364857.3	3766210.8	0.0	0.50	6.10	0.23	
L0002042	0	0.18740E-08	364854.7	3766223.5	0.0	0.50	6.10	0.23	
L0002043	0	0.18740E-08	364852.2	3766236.5	0.0	0.50	6.10	0.23	
L0002044	0	0.18740E-08	364849.6	3766249.5	0.0	0.50	6.10	0.23	
L0002045	0	0.24987E-08	364867.5	3766216.5	0.0	0.50	4.30	0.23	
L0002046	0	0.24987E-08	364865.6	3766225.5	0.0	0.50	4.30	0.23	
L0002047	0	0.24987E-08	364863.7	3766234.5	0.0	0.50	4.30	0.23	
L0002048	0	0.46125E-07	364871.1	3766181.5	0.0	0.50	4.85	0.23	
L0002049	0	0.46125E-07	364868.1	3766191.5	0.0	0.50	4.85	0.23	
L0002050	0	0.46125E-07	364862.6	3766197.8	0.0	0.50	4.14	0.23	
L0002051	0	0.46125E-07	364855.0	3766202.5	0.0	0.50	4.14	0.23	
L0002052	0	0.46125E-07	364849.7	3766213.2	0.0	0.50	6.00	0.23	
L0002053	0	0.46125E-07	364846.7	3766226.0	0.0	0.50	6.00	0.23	
L0002054	0	0.46125E-07	364843.7	3766238.5	0.0	0.50	6.00	0.23	
L0002055	0	0.46125E-07	364840.7	3766251.0	0.0	0.50	6.00	0.23	
L0002056	0	0.46125E-07	364870.5	3766181.5	0.0	0.50	3.87	0.23	
L0002057	0	0.46125E-07	364868.1	3766189.5	0.0	0.50	3.87	0.23	
L0002058	0	0.46125E-07	364863.0	3766196.5	0.0	0.50	4.16	0.23	
L0002059	0	0.46125E-07	364856.0	3766202.0	0.0	0.50	4.16	0.23	
L0002060	0	0.46125E-07	364850.9	3766212.8	0.0	0.50	5.80	0.23	
L0002061	0	0.46125E-07	364847.7	3766225.0	0.0	0.50	5.80	0.23	
L0002062	0	0.46125E-07	364844.6	3766237.0	0.0	0.50	5.80	0.23	
L0002063	0	0.46125E-07	364841.5	3766249.0	0.0	0.50	5.80	0.23	
L0002064	0	0.61500E-07	364870.1	3766182.5	0.0	0.50	6.96	0.23	
L0002065	0	0.61500E-07	364866.9	3766197.0	0.0	0.50	6.96	0.23	
L0002066	0	0.61500E-07	364863.6	3766211.5	0.0	0.50	6.96	0.23	
L0002067	0	0.61500E-07	364860.4	3766226.2	0.0	0.50	6.96	0.23	
L0002068	0	0.61500E-07	364857.1	3766241.0	0.0	0.50	6.96	0.23	
L0002069	0	0.61500E-07	364853.9	3766255.5	0.0	0.50	6.96	0.23	
L0002070	0	0.61500E-07	364870.8	3766182.5	0.0	0.50	6.65	0.23	
L0002071	0	0.61500E-07	364867.7	3766196.5	0.0	0.50	6.65	0.23	
L0002072	0	0.61500E-07	364864.6	3766210.2	0.0	0.50	6.65	0.23	
L0002073	0	0.61500E-07	364861.4	3766224.2	0.0	0.50	6.65	0.23	
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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0002074	0	0.61500E-07	364858.3	3766238.2	0.0	0.50	6.65	0.23	
L0002075	0	0.61500E-07	364855.2	3766252.2	0.0	0.50	6.65	0.23	
L0002076	0	0.61500E-07	364870.6	3766181.0	0.0	0.50	4.76	0.23	
L0002077	0	0.61500E-07	364868.0	3766190.8	0.0	0.50	4.76	0.23	
L0002078	0	0.61500E-07	364869.3	3766199.2	0.0	0.50	4.26	0.23	
L0002079	0	0.61500E-07	364873.2	3766207.5	0.0	0.50	4.26	0.23	
L0002080	0	0.61500E-07	364872.7	3766221.5	0.0	0.50	6.77	0.23	
L0002081	0	0.61500E-07	364869.7	3766235.8	0.0	0.50	6.77	0.23	
L0002082	0	0.61500E-07	364870.3	3766182.8	0.0	0.50	4.95	0.23	
L0002083	0	0.61500E-07	364866.9	3766192.8	0.0	0.50	4.95	0.23	
L0002084	0	0.61500E-07	364868.5	3766200.0	0.0	0.50	3.95	0.23	
L0002085	0	0.61500E-07	364873.8	3766206.8	0.0	0.50	3.95	0.23	
L0002086	0	0.61500E-07	364873.5	3766220.5	0.0	0.50	6.95	0.23	
L0002087	0	0.61500E-07	364869.9	3766235.0	0.0	0.50	6.95	0.23	
L0002088	0	0.79538E-08	365108.5	3766242.5	0.0	1.83	5.95	0.85	
L0002089	0	0.79538E-08	365095.7	3766243.2	0.0	1.83	5.95	0.85	
L0002090	0	0.79538E-08	365083.0	3766244.0	0.0	1.83	5.95	0.85	
L0002091	0	0.79538E-08	365070.2	3766245.0	0.0	1.83	5.95	0.85	
L0002092	0	0.79538E-08	365057.4	3766245.8	0.0	1.83	5.95	0.85	
L0002093	0	0.79538E-08	365044.7	3766246.5	0.0	1.83	5.95	0.85	
L0002094	0	0.79538E-08	365039.4	3766257.5	0.0	1.83	6.81	0.85	
L0002095	0	0.79538E-08	365047.0	3766265.0	0.0	1.83	5.94	0.85	
L0002096	0	0.79538E-08	365058.6	3766270.2	0.0	1.83	5.94	0.85	
L0002097	0	0.79538E-08	365052.5	3766269.8	0.0	1.83	6.33	0.85	
L0002098	0	0.79538E-08	365039.3	3766266.5	0.0	1.83	6.33	0.85	
L0002099	0	0.79538E-08	365026.1	3766263.2	0.0	1.83	6.33	0.85	
L0002100	0	0.79538E-08	365012.8	3766260.0	0.0	1.83	6.33	0.85	
L0002101	0	0.11489E-07	365015.6	3766260.0	0.0	1.83	6.33	0.85	
L0002102	0	0.11489E-07	365029.2	3766260.0	0.0	1.83	6.33	0.85	
L0002103	0	0.11489E-07	365042.8	3766260.2	0.0	1.83	6.33	0.85	
L0002104	0	0.11489E-07	365056.4	3766260.2	0.0	1.83	6.33	0.85	

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L0002105 0 0.11489E-07 365070.0 3766260.5 0.0 1.83 6.33 0.85
L0002106 0 0.11489E-07 365083.6 3766260.5 0.0 1.83 6.33 0.85
L0002107 0 0.11489E-07 365097.2 3766260.8 0.0 1.83 6.33 0.85
L0002108 0 0.11489E-07 365104.1 3766254.2 0.0 1.83 5.12 0.85
L0002109 0 0.11489E-07 365108.7 3766244.2 0.0 1.83 5.12 0.85
L0002110 0 0.30766E-10 365912.2 3766582.5 0.0 0.50 3.37 0.23
L0002111 0 0.30766E-10 365919.2 3766584.2 0.0 0.50 3.37 0.23
L0002112 0 0.30766E-10 365926.2 3766586.0 0.0 0.50 3.37 0.23
L0002113 0 0.30766E-10 365933.2 3766588.0 0.0 0.50 3.37 0.23
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0002114	0	0.30766E-10	365940.2	3766589.8	0.0	0.50	3.37	0.23	
L0002115	0	0.30766E-10	365947.2	3766591.5	0.0	0.50	3.37	0.23	
L0002116	0	0.30766E-10	365954.2	3766593.5	0.0	0.50	3.37	0.23	
L0002117	0	0.30766E-10	365961.2	3766595.2	0.0	0.50	3.37	0.23	
L0002118	0	0.30766E-10	365968.2	3766597.0	0.0	0.50	3.37	0.23	
L0002119	0	0.30766E-10	365975.2	3766599.0	0.0	0.50	3.37	0.23	
L0002120	0	0.30766E-10	365982.2	3766600.8	0.0	0.50	3.37	0.23	
L0002121	0	0.30766E-10	365989.3	3766602.5	0.0	0.50	3.37	0.23	
L0002122	0	0.30766E-10	365996.3	3766604.5	0.0	0.50	3.37	0.23	
L0002123	0	0.30766E-10	366003.3	3766606.2	0.0	0.50	3.37	0.23	
L0002124	0	0.30766E-10	366010.3	3766608.0	0.0	0.50	3.37	0.23	
L0002125	0	0.30766E-10	366017.3	3766610.0	0.0	0.50	3.37	0.23	
L0002126	0	0.30766E-10	366024.3	3766611.8	0.0	0.50	3.37	0.23	
L0002127	0	0.30766E-10	366031.3	3766613.5	0.0	0.50	3.37	0.23	
L0002128	0	0.30766E-10	366038.4	3766615.5	0.0	0.50	3.37	0.23	
L0002129	0	0.30766E-10	366045.4	3766617.2	0.0	0.50	3.37	0.23	
L0002130	0	0.30766E-10	366052.4	3766619.0	0.0	0.50	3.37	0.23	
L0002131	0	0.30766E-10	366059.4	3766621.0	0.0	0.50	3.37	0.23	
L0002132	0	0.30766E-10	366066.4	3766622.8	0.0	0.50	3.37	0.23	
L0002133	0	0.30766E-10	366073.4	3766624.8	0.0	0.50	3.37	0.23	
L0002134	0	0.30766E-10	366080.4	3766626.5	0.0	0.50	3.37	0.23	
L0002135	0	0.30766E-10	366087.4	3766628.2	0.0	0.50	3.37	0.23	
L0002136	0	0.30766E-10	366094.4	3766630.2	0.0	0.50	3.37	0.23	
L0002137	0	0.30766E-10	366101.5	3766632.0	0.0	0.50	3.37	0.23	
L0002138	0	0.30766E-10	366108.5	3766633.8	0.0	0.50	3.37	0.23	
L0002139	0	0.30766E-10	366115.5	3766635.8	0.0	0.50	3.37	0.23	
L0002140	0	0.30766E-10	366122.5	3766637.5	0.0	0.50	3.37	0.23	
L0002141	0	0.30766E-10	366129.5	3766639.2	0.0	0.50	3.37	0.23	
L0002142	0	0.30766E-10	366136.5	3766641.2	0.0	0.50	3.37	0.23	
L0002143	0	0.30766E-10	366143.5	3766643.0	0.0	0.50	3.37	0.23	
L0002144	0	0.30766E-10	366150.5	3766645.0	0.0	0.50	3.37	0.23	
L0002145	0	0.30766E-10	366157.5	3766646.8	0.0	0.50	3.37	0.23	
L0002146	0	0.30766E-10	366164.5	3766648.5	0.0	0.50	3.37	0.23	
L0002147	0	0.30766E-10	366171.6	3766650.5	0.0	0.50	3.37	0.23	
L0002148	0	0.30766E-10	366178.6	3766652.2	0.0	0.50	3.37	0.23	
L0002149	0	0.30766E-10	366185.6	3766654.0	0.0	0.50	3.37	0.23	
L0002150	0	0.30766E-10	366192.6	3766656.0	0.0	0.50	3.37	0.23	
L0002151	0	0.30766E-10	366199.6	3766657.8	0.0	0.50	3.37	0.23	
L0002152	0	0.30766E-10	366206.6	3766659.5	0.0	0.50	3.37	0.23	
L0002153	0	0.30766E-10	366213.6	3766661.5	0.0	0.50	3.37	0.23	
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0002154	0	0.30766E-10	366220.6	3766663.2	0.0	0.50	3.37	0.23	
L0002155	0	0.30766E-10	366227.6	3766665.0	0.0	0.50	3.37	0.23	
L0002156	0	0.30766E-10	366234.6	3766667.0	0.0	0.50	3.37	0.23	
L0002157	0	0.30766E-10	366241.7	3766668.8	0.0	0.50	3.37	0.23	
L0002158	0	0.30766E-10	366248.7	3766670.5	0.0	0.50	3.37	0.23	
L0002159	0	0.30766E-10	366255.7	3766672.5	0.0	0.50	3.37	0.23	
L0002160	0	0.30766E-10	366262.7	3766674.2	0.0	0.50	3.37	0.23	
L0002161	0	0.30766E-10	366269.7	3766676.0	0.0	0.50	3.37	0.23	
L0002162	0	0.30766E-10	366276.7	3766678.0	0.0	0.50	3.37	0.23	
L0002163	0	0.30766E-10	366283.7	3766679.8	0.0	0.50	3.37	0.23	
L0002164	0	0.30766E-10	366290.7	3766681.5	0.0	0.50	3.37	0.23	
L0002165	0	0.30766E-10	366297.7	3766683.5	0.0	0.50	3.37	0.23	
L0002166	0	0.30766E-10	366304.7	3766685.2	0.0	0.50	3.37	0.23	
L0002167	0	0.30766E-10	366311.8	3766687.0	0.0	0.50	3.37	0.23	
L0002168	0	0.30766E-10	366318.8	3766689.0	0.0	0.50	3.37	0.23	
L0002169	0	0.30766E-10	366325.8	3766690.8	0.0	0.50	3.37	0.23	
L0002170	0	0.30766E-10	366332.8	3766692.5	0.0	0.50	3.37	0.23	
L0002171	0	0.30766E-10	366339.8	3766694.5	0.0	0.50	3.37	0.23	
L0002172	0	0.30766E-10	366346.8	3766696.2	0.0	0.50	3.37	0.23	
L0002173	0	0.30766E-10	366353.8	3766698.0	0.0	0.50	3.37	0.23	
L0002174	0	0.30766E-10	366360.8	3766700.0	0.0	0.50	3.37	0.23	
L0002175	0	0.30766E-10	366367.8	3766701.8	0.0	0.50	3.37	0.23	
L0002176	0	0.30766E-10	366374.8	3766703.5	0.0	0.50	3.37	0.23	
L0002177	0	0.30766E-10	366381.9	3766705.5	0.0	0.50	3.37	0.23	
L0002178	0	0.30766E-10	366388.9	3766707.2	0.0	0.50	3.37	0.23	
L0002179	0	0.30766E-10	366395.9	3766709.0	0.0	0.50	3.37	0.23	
L0002180	0	0.30766E-10	366402.9	3766711.0	0.0	0.50	3.37	0.23	
L0002181	0	0.30766E-10	366409.9	3766712.8	0.0	0.50	3.37	0.23	
L0002182	0	0.30766E-10	366416.9	3766714.5	0.0	0.50	3.37	0.23	
L0002183	0	0.30766E-10	366423.9	3766716.5	0.0	0.50	3.37	0.23	
L0002184	0	0.30766E-10	366430.9	3766718.2	0.0	0.50	3.37	0.23	
L0002185	0	0.30766E-10	366437.9	3766720.2	0.0	0.50	3.37	0.23	
L0002186	0	0.30766E-10	366445.0	3766722.0	0.0	0.50	3.37	0.23	
L0002187	0	0.46451E-10	365832.7	3766564.5	0.0	0.50	3.38	0.23	
L0002188	0	0.46451E-10	365825.7	3766562.5	0.0	0.50	3.38	0.23	
L0002189	0	0.46451E-10	365818.6	3766560.5	0.0	0.50	3.38	0.23	
L0002190	0	0.46451E-10	365811.6	3766558.5	0.0	0.50	3.38	0.23	
L0002191	0	0.46451E-10	365804.6	3766556.8	0.0	0.50	3.38	0.23	
L0002192	0	0.46451E-10	365797.6	3766554.8	0.0	0.50	3.38	0.23	
L0002193	0	0.46451E-10	365790.6	3766552.8	0.0	0.50	3.38	0.23	
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0002194	0	0.46451E-10	365783.6	3766551.0	0.0	0.50	3.38	0.23	
L0002195	0	0.46451E-10	365776.6	3766549.0	0.0	0.50	3.38	0.23	
L0002196	0	0.46451E-10	365769.6	3766547.0	0.0	0.50	3.38	0.23	
L0002197	0	0.46451E-10	365762.5	3766545.0	0.0	0.50	3.38	0.23	
L0002198	0	0.46451E-10	365755.5	3766543.0	0.0	0.50	3.38	0.23	
L0002199	0	0.46451E-10	365748.5	3766541.2	0.0	0.50	3.38	0.23	
L0002200	0	0.46451E-10	365741.5	3766539.2	0.0	0.50	3.38	0.23	
L0002201	0	0.46451E-10	365734.5	3766537.2	0.0	0.50	3.38	0.23	
L0002202	0	0.46451E-10	365727.5	3766535.5	0.0	0.50	3.38	0.23	
L0002203	0	0.46451E-10	365720.5	3766533.5	0.0	0.50	3.38	0.23	
L0002204	0	0.46451E-10	365713.5	3766531.5	0.0	0.50	3.38	0.23	
L0002205	0	0.46451E-10	365706.4	3766529.5	0.0	0.50	3.38	0.23	
L0002206	0	0.46451E-10	365699.4	3766527.5	0.0	0.50	3.38	0.23	
L0002207	0	0.46451E-10	365692.4	3766525.8	0.0	0.50	3.38	0.23	
L0002208	0	0.46451E-10	365685.4	3766523.8	0.0	0.50	3.38	0.23	
L0002209	0	0.46451E-10	365678.4	3766521.8	0.0	0.50	3.38	0.23	
L0002210	0	0.46451E-10	365671.4	3766519.8	0.0	0.50	3.38	0.23	
L0002211	0	0.46451E-10	365664.4	3766518.0	0.0	0.50	3.38	0.23	
L0002212	0	0.46451E-10	365657.3	3766516.0	0.0	0.50	3.38	0.23	
L0002213	0	0.46451E-10	365650.3	3766514.0	0.0	0.50	3.38	0.23	
L0002214	0	0.46451E-10	365643.3	3766512.0	0.0	0.50	3.38	0.23	
L0002215	0	0.46451E-10	365636.3	3766510.0	0.0	0.50	3.38	0.23	
L0002216	0	0.46451E-10	365629.3	3766508.2	0.0	0.50	3.38	0.23	
L0002217	0	0.46451E-10	365622.2	3766506.2	0.0	0.50	3.38	0.23	
L0002218	0	0.46451E-10	365615.2	3766504.2	0.0	0.50	3.38	0.23	
L0002219	0	0.46451E-10	365608.2	3766502.5	0.0	0.50	3.38	0.23	
L0002220	0	0.46451E-10	365601.2	3766500.5	0.0	0.50	3.38	0.23	
L0002221	0	0.46451E-10	365594.2	3766498.5	0.0	0.50	3.38	0.23	
L0002222	0	0.46451E-10	365587.2	3766496.5	0.0	0.50	3.38	0.23	
L0002223	0	0.46451E-10	365580.2	3766494.5	0.0	0.50	3.38	0.23	
L0002224	0	0.46451E-10	365573.2	3766492.8	0.0	0.50	3.38	0.23	
L0002225	0	0.46451E-10	365566.2	3766490.8	0.0	0.50	3.38	0.23	
L0002226	0	0.46451E-10	365559.2	3766488.8	0.0	0.50	3.38	0.23	
L0002227	0	0.46451E-10	365552.1	3766486.8	0.0	0.50	3.38	0.23	
L0002228	0	0.46451E-10	365545.1	3766485.0	0.0	0.50	3.38	0.23	
L0002229	0	0.46451E-10	365538.1	3766483.0	0.0	0.50	3.38	0.23	
L0002230	0	0.46451E-10	365531.1	3766481.0	0.0	0.50	3.38	0.23	
L0002231	0	0.46451E-10	365524.1	3766479.0	0.0	0.50	3.38	0.23	
L0002232	0	0.46451E-10	365517.1	3766477.0	0.0	0.50	3.38	0.23	
L0002233	0	0.46451E-10	365510.1	3766475.2	0.0	0.50	3.38	0.23	

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**MODELOPTS: CONC

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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0002234	0	0.46451E-10	365503.1	3766473.2	0.0	0.50	3.38	0.23	
L0002235	0	0.46451E-10	365496.0	3766471.2	0.0	0.50	3.38	0.23	
L0002236	0	0.46451E-10	365489.0	3766469.5	0.0	0.50	3.38	0.23	
L0002237	0	0.46451E-10	365482.0	3766467.5	0.0	0.50	3.38	0.23	
L0002238	0	0.18178E-06	365464.2	3766467.2	0.0	0.50	5.44	0.23	
L0002239	0	0.18178E-06	365474.8	3766472.2	0.0	0.50	5.44	0.23	
L0002240	0	0.18178E-06	365491.1	3766477.5	0.0	0.50	8.01	0.23	
L0002241	0	0.18178E-06	365507.7	3766482.0	0.0	0.50	8.01	0.23	
L0002242	0	0.18178E-06	365524.2	3766486.8	0.0	0.50	8.01	0.23	
L0002243	0	0.18178E-06	365540.9	3766491.2	0.0	0.50	8.01	0.23	
L0002244	0	0.18178E-06	365557.5	3766496.0	0.0	0.50	8.01	0.23	
L0002245	0	0.18178E-06	365574.1	3766500.5	0.0	0.50	8.01	0.23	
L0002246	0	0.18178E-06	365590.7	3766505.0	0.0	0.50	8.01	0.23	
L0002247	0	0.18178E-06	365607.2	3766509.5	0.0	0.50	8.01	0.23	
L0002248	0	0.18178E-06	365623.8	3766514.2	0.0	0.50	8.01	0.23	
L0002249	0	0.18178E-06	365640.4	3766518.8	0.0	0.50	8.01	0.23	
L0002250	0	0.18178E-06	365657.0	3766523.2	0.0	0.50	8.01	0.23	
L0002251	0	0.18178E-06	365673.6	3766528.0	0.0	0.50	8.01	0.23	
L0002252	0	0.18178E-06	365690.2	3766532.5	0.0	0.50	8.01	0.23	
L0002253	0	0.18178E-06	365706.8	3766537.0	0.0	0.50	8.01	0.23	
L0002254	0	0.18178E-06	365723.4	3766541.8	0.0	0.50	8.01	0.23	
L0002255	0	0.18178E-06	365740.0	3766546.2	0.0	0.50	8.01	0.23	
L0002256	0	0.19247E-06	365880.2	3766575.0	0.0	0.50	6.93	0.23	
L0002257	0	0.19247E-06	365865.3	3766575.0	0.0	0.50	6.93	0.23	
L0002258	0	0.19247E-06	365850.4	3766575.0	0.0	0.50	6.93	0.23	
L0002259	0	0.19247E-06	365832.9	3766571.5	0.0	0.50	8.35	0.23	
L0002260	0	0.19247E-06	365815.6	3766566.8	0.0	0.50	8.35	0.23	
L0002261	0	0.19247E-06	365798.3	3766562.0	0.0	0.50	8.35	0.23	
L0002262	0	0.19247E-06	365781.0	3766557.5	0.0	0.50	8.35	0.23	
L0002263	0	0.19247E-06	365763.7	3766552.8	0.0	0.50	8.35	0.23	
L0002264	0	0.19247E-06	365746.3	3766548.0	0.0	0.50	8.35	0.23	
L0002265	0	0.19247E-06	365729.0	3766543.5	0.0	0.50	8.35	0.23	
L0002266	0	0.19247E-06	365711.7	3766538.8	0.0	0.50	8.35	0.23	
L0002267	0	0.19247E-06	365694.4	3766534.0	0.0	0.50	8.35	0.23	
L0002268	0	0.19247E-06	365677.0	3766529.5	0.0	0.50	8.35	0.23	
L0002269	0	0.19247E-06	365659.7	3766524.8	0.0	0.50	8.35	0.23	
L0002270	0	0.19247E-06	365642.4	3766520.0	0.0	0.50	8.35	0.23	
L0002271	0	0.19247E-06	365625.1	3766515.2	0.0	0.50	8.35	0.23	
L0002272	0	0.19247E-06	365607.8	3766510.5	0.0	0.50	8.35	0.23	
L0002273	0	0.13088E-06	365898.6	3766579.0	0.0	0.50	2.80	0.23	

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*** VOLUME SOURCE DATA ***

SOURCE	NUMBER PART.	EMISSION RATE (GRAMS/SEC)	X	Y	BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ	EMISSION RATE SCALAR VARY

ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	PM10op.POU.txt (METERS)	(METERS)	BY
L0002274	0	0.13088E-06	365901.1	3766584.5	0.0	0.50	2.80	0.23	
L0002275	0	0.13088E-06	365916.1	3766592.0	0.0	0.50	8.39	0.23	
L0002276	0	0.13088E-06	365933.5	3766596.8	0.0	0.50	8.39	0.23	
L0002277	0	0.13088E-06	365950.9	3766601.5	0.0	0.50	8.39	0.23	
L0002278	0	0.13088E-06	365968.4	3766606.0	0.0	0.50	8.39	0.23	
L0002279	0	0.13088E-06	365985.8	3766610.5	0.0	0.50	8.39	0.23	
L0002280	0	0.13088E-06	366003.2	3766615.2	0.0	0.50	8.39	0.23	
L0002281	0	0.13088E-06	366020.6	3766620.0	0.0	0.50	8.39	0.23	
L0002282	0	0.13088E-06	366038.1	3766624.5	0.0	0.50	8.39	0.23	
L0002283	0	0.13088E-06	366055.5	3766629.0	0.0	0.50	8.39	0.23	
L0002284	0	0.13088E-06	366072.9	3766633.8	0.0	0.50	8.39	0.23	
L0002285	0	0.13088E-06	366090.4	3766638.2	0.0	0.50	8.39	0.23	
L0002286	0	0.13088E-06	366107.8	3766643.0	0.0	0.50	8.39	0.23	
L0002287	0	0.13088E-06	366125.2	3766647.5	0.0	0.50	8.39	0.23	
L0002288	0	0.13088E-06	366142.7	3766652.2	0.0	0.50	8.39	0.23	
L0002289	0	0.13088E-06	366160.1	3766656.8	0.0	0.50	8.39	0.23	
L0002290	0	0.13088E-06	366177.5	3766661.5	0.0	0.50	8.39	0.23	
L0002291	0	0.13088E-06	366194.9	3766666.0	0.0	0.50	8.39	0.23	
L0002292	0	0.13088E-06	366212.4	3766670.8	0.0	0.50	8.39	0.23	
L0002293	0	0.13088E-06	366229.8	3766675.2	0.0	0.50	8.39	0.23	
L0002294	0	0.13088E-06	366247.2	3766680.0	0.0	0.50	8.39	0.23	
L0002295	0	0.13088E-06	366264.7	3766684.5	0.0	0.50	8.39	0.23	
L0002296	0	0.13088E-06	366282.1	3766689.2	0.0	0.50	8.39	0.23	
L0002297	0	0.13088E-06	366299.5	3766693.8	0.0	0.50	8.39	0.23	
L0002298	0	0.11686E-06	366482.4	3766733.2	0.0	0.50	7.68	0.23	
L0002299	0	0.11686E-06	366465.9	3766732.0	0.0	0.50	7.68	0.23	
L0002300	0	0.11686E-06	366449.4	3766731.0	0.0	0.50	7.68	0.23	
L0002301	0	0.11686E-06	366432.2	3766727.5	0.0	0.50	8.21	0.23	
L0002302	0	0.11686E-06	366415.1	3766723.0	0.0	0.50	8.21	0.23	
L0002303	0	0.11686E-06	366398.0	3766718.5	0.0	0.50	8.21	0.23	
L0002304	0	0.11686E-06	366380.9	3766714.2	0.0	0.50	8.21	0.23	
L0002305	0	0.11686E-06	366363.8	3766709.8	0.0	0.50	8.21	0.23	
L0002306	0	0.11686E-06	366346.7	3766705.5	0.0	0.50	8.21	0.23	
L0002307	0	0.11686E-06	366329.6	3766701.0	0.0	0.50	8.21	0.23	
L0002308	0	0.11686E-06	366312.5	3766696.5	0.0	0.50	8.21	0.23	
L0002309	0	0.11686E-06	366295.4	3766692.2	0.0	0.50	8.21	0.23	
L0002310	0	0.11686E-06	366278.3	3766687.8	0.0	0.50	8.21	0.23	
L0002311	0	0.11686E-06	366261.2	3766683.5	0.0	0.50	8.21	0.23	
L0002312	0	0.11686E-06	366244.1	3766679.0	0.0	0.50	8.21	0.23	
L0002313	0	0.11686E-06	366227.1	3766674.5	0.0	0.50	8.21	0.23	

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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0002314	0	0.11686E-06	366210.0	3766670.2	0.0	0.50	8.21	0.23	
L0002315	0	0.11686E-06	366192.9	3766665.8	0.0	0.50	8.21	0.23	
L0002316	0	0.11686E-06	366175.8	3766661.5	0.0	0.50	8.21	0.23	
L0002317	0	0.11686E-06	366158.7	3766657.0	0.0	0.50	8.21	0.23	
L0002318	0	0.11686E-06	366141.6	3766652.5	0.0	0.50	8.21	0.23	
L0002319	0	0.11686E-06	366124.5	3766648.2	0.0	0.50	8.21	0.23	
L0002320	0	0.11686E-06	366107.4	3766643.8	0.0	0.50	8.21	0.23	
L0002321	0	0.11686E-06	366090.3	3766639.5	0.0	0.50	8.21	0.23	
L0002322	0	0.11686E-06	366073.2	3766635.0	0.0	0.50	8.21	0.23	
L0002323	0	0.11686E-06	366056.1	3766630.5	0.0	0.50	8.21	0.23	
L0002324	0	0.11686E-06	366039.0	3766626.2	0.0	0.50	8.21	0.23	
L0002325	0	0.11686E-06	366021.9	3766621.8	0.0	0.50	8.21	0.23	

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*** SOURCE IDS DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDS
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PM10op.POU.txt
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L0002322, L0002323, L0002324, L0002325, FTI
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

(364763.7, 3766123.2,	0.0,	0.0);	(364877.0, 3766157.5,	0.0,	0.0);
(364996.6, 3766189.2,	0.0,	0.0);	(365152.5, 3766233.8,	0.0,	0.0);
(365186.1, 3766252.8,	0.0,	0.0);	(364813.6, 3766040.8,	0.0,	0.0);
(364906.9, 3766067.0,	0.0,	0.0);	(365017.5, 3766096.0,	0.0,	0.0);
(365171.6, 3766136.8,	0.0,	0.0);	(364901.5, 3765939.2,	0.0,	0.0);
(364943.2, 3765956.5,	0.0,	0.0);	(365049.2, 3765981.8,	0.0,	0.0);
(365196.0, 3766026.2,	0.0,	0.0);	(365319.3, 3766299.0,	0.0,	0.0);
(365341.0, 3766259.0,	0.0,	0.0);	(365371.0, 3766205.5,	0.0,	0.0);
(365416.2, 3766100.5,	0.0,	0.0);	(365711.6, 3766502.0,	0.0,	0.0);
(366498.2, 3766709.2,	0.0,	0.0);	(365730.5, 3766430.2,	0.0,	0.0);
(366513.3, 3766637.2,	0.0,	0.0);	(365475.9, 3766363.8,	0.0,	0.0);
(365509.7, 3766271.0,	0.0,	0.0);	(365760.6, 3766338.8,	0.0,	0.0);
(366539.7, 3766543.2,	0.0,	0.0);	(364713.7, 3766142.0,	0.0,	0.0);
(364733.7, 3766142.0,	0.0,	0.0);	(364753.7, 3766142.0,	0.0,	0.0);
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(364813.7, 3766142.0,	0.0,	0.0);	(364833.7, 3766142.0,	0.0,	0.0);
(364853.7, 3766142.0,	0.0,	0.0);	(364873.7, 3766142.0,	0.0,	0.0);
(364893.7, 3766142.0,	0.0,	0.0);	(364913.7, 3766142.0,	0.0,	0.0);
(364933.7, 3766142.0,	0.0,	0.0);	(364953.7, 3766142.0,	0.0,	0.0);
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(365173.7, 3766142.0,	0.0,	0.0);	(365193.7, 3766142.0,	0.0,	0.0);
(365213.7, 3766142.0,	0.0,	0.0);	(365233.7, 3766142.0,	0.0,	0.0);
(365253.7, 3766142.0,	0.0,	0.0);	(365273.7, 3766142.0,	0.0,	0.0);
(365293.7, 3766142.0,	0.0,	0.0);	(365313.7, 3766142.0,	0.0,	0.0);
(365333.7, 3766142.0,	0.0,	0.0);	(365353.7, 3766142.0,	0.0,	0.0);
(365373.7, 3766142.0,	0.0,	0.0);	(365393.7, 3766142.0,	0.0,	0.0);
(365413.7, 3766142.0,	0.0,	0.0);	(365433.7, 3766142.0,	0.0,	0.0);
(365453.7, 3766142.0,	0.0,	0.0);	(365473.7, 3766142.0,	0.0,	0.0);
(365493.7, 3766142.0,	0.0,	0.0);	(365513.7, 3766142.0,	0.0,	0.0);
(365533.7, 3766142.0,	0.0,	0.0);	(365553.7, 3766142.0,	0.0,	0.0);
(365573.7, 3766142.0,	0.0,	0.0);	(365593.7, 3766142.0,	0.0,	0.0);
(365613.7, 3766142.0,	0.0,	0.0);	(365633.7, 3766142.0,	0.0,	0.0);
(365653.7, 3766142.0,	0.0,	0.0);	(365673.7, 3766142.0,	0.0,	0.0);
(365693.7, 3766142.0,	0.0,	0.0);	(365713.7, 3766142.0,	0.0,	0.0);
(365733.7, 3766142.0,	0.0,	0.0);	(365753.7, 3766142.0,	0.0,	0.0);
(365773.7, 3766142.0,	0.0,	0.0);	(365793.7, 3766142.0,	0.0,	0.0);
(365813.7, 3766142.0,	0.0,	0.0);	(365833.7, 3766142.0,	0.0,	0.0);
(365853.7, 3766142.0,	0.0,	0.0);	(365873.7, 3766142.0,	0.0,	0.0);
(365893.7, 3766142.0,	0.0,	0.0);	(365913.7, 3766142.0,	0.0,	0.0);
(365933.7, 3766142.0,	0.0,	0.0);	(365953.7, 3766142.0,	0.0,	0.0);
(365973.7, 3766142.0,	0.0,	0.0);	(365993.7, 3766142.0,	0.0,	0.0);

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**MODELOPTS: CONC

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

(366013.7, 3766142.0,	0.0,	0.0);	(366033.7, 3766142.0,	0.0,	0.0);
(366053.7, 3766142.0,	0.0,	0.0);	(366073.7, 3766142.0,	0.0,	0.0);
(366093.7, 3766142.0,	0.0,	0.0);	(366113.7, 3766142.0,	0.0,	0.0);
(366133.7, 3766142.0,	0.0,	0.0);	(366153.7, 3766142.0,	0.0,	0.0);
(366173.7, 3766142.0,	0.0,	0.0);	(366193.7, 3766142.0,	0.0,	0.0);
(366213.7, 3766142.0,	0.0,	0.0);	(366233.7, 3766142.0,	0.0,	0.0);
(366253.7, 3766142.0,	0.0,	0.0);	(366273.7, 3766142.0,	0.0,	0.0);
(366293.7, 3766142.0,	0.0,	0.0);	(366313.7, 3766142.0,	0.0,	0.0);
(366333.7, 3766142.0,	0.0,	0.0);	(366353.7, 3766142.0,	0.0,	0.0);
(366373.7, 3766142.0,	0.0,	0.0);	(366393.7, 3766142.0,	0.0,	0.0);
(366413.7, 3766142.0,	0.0,	0.0);	(366433.7, 3766142.0,	0.0,	0.0);
(366453.7, 3766142.0,	0.0,	0.0);	(366473.7, 3766142.0,	0.0,	0.0);
(366493.7, 3766142.0,	0.0,	0.0);	(364713.7, 3766162.0,	0.0,	0.0);
(364733.7, 3766162.0,	0.0,	0.0);	(364753.7, 3766162.0,	0.0,	0.0);
(364773.7, 3766162.0,	0.0,	0.0);	(364793.7, 3766162.0,	0.0,	0.0);
(364813.7, 3766162.0,	0.0,	0.0);	(364833.7, 3766162.0,	0.0,	0.0);
(364853.7, 3766162.0,	0.0,	0.0);	(364873.7, 3766162.0,	0.0,	0.0);
(364893.7, 3766162.0,	0.0,	0.0);	(364913.7, 3766162.0,	0.0,	0.0);
(364933.7, 3766162.0,	0.0,	0.0);	(364953.7, 3766162.0,	0.0,	0.0);
(364973.7, 3766162.0,	0.0,	0.0);	(364993.7, 3766162.0,	0.0,	0.0);
(365013.7, 3766162.0,	0.0,	0.0);	(365033.7, 3766162.0,	0.0,	0.0);
(365053.7, 3766162.0,	0.0,	0.0);	(365073.7, 3766162.0,	0.0,	0.0);
(365093.7, 3766162.0,	0.0,	0.0);	(365113.7, 3766162.0,	0.0,	0.0);
(365133.7, 3766162.0,	0.0,	0.0);	(365153.7, 3766162.0,	0.0,	0.0);
(365173.7, 3766162.0,	0.0,	0.0);	(365193.7, 3766162.0,	0.0,	0.0);
(365213.7, 3766162.0,	0.0,	0.0);	(365233.7, 3766162.0,	0.0,	0.0);
(365253.7, 3766162.0,	0.0,	0.0);	(365273.7, 3766162.0,	0.0,	0.0);
(365293.7, 3766162.0,	0.0,	0.0);	(365313.7, 3766162.0,	0.0,	0.0);
(365333.7, 3766162.0,	0.0,	0.0);	(365353.7, 3766162.0,	0.0,	0.0);
(365373.7, 3766162.0,	0.0,	0.0);	(365393.7, 3766162.0,	0.0,	0.0);
(365413.7, 3766162.0,	0.0,	0.0);	(365433.7, 3766162.0,	0.0,	0.0);
(365453.7, 3766162.0,	0.0,	0.0);	(365473.7, 3766162.0,	0.0,	0.0);
(365493.7, 3766162.0,	0.0,	0.0);	(365513.7, 3766162.0,	0.0,	0.0);
(365533.7, 3766162.0,	0.0,	0.0);	(365553.7, 3766162.0,	0.0,	0.0);
(365573.7, 3766162.0,	0.0,	0.0);	(365593.7, 3766162.0,	0.0,	0.0);
(365613.7, 3766162.0,	0.0,	0.0);	(365633.7, 3766162.0,	0.0,	0.0);
(365653.7, 3766162.0,	0.0,	0.0);	(365673.7, 3766162.0,	0.0,	0.0);
(365693.7, 3766162.0,	0.0,	0.0);	(365713.7, 3766162.0,	0.0,	0.0);
(365733.7, 3766162.0,	0.0,	0.0);	(365753.7, 3766162.0,	0.0,	0.0);
(365773.7, 3766162.0,	0.0,	0.0);	(365793.7, 3766162.0,	0.0,	0.0);

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

DEFAULT

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

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(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

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(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

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(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

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

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

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DEFAULT

DEFAULT

DEFAULT

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

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

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( 364749.4, 3766145.5, 0.0, 0.0); ( 365164.7, 3766254.2, 0.0, 0.0);
( 365136.6, 3766369.2, 0.0, 0.0); ( 364719.8, 3766265.8, 0.0, 0.0);
( 366491.1, 3766752.5, 0.0, 0.0); ( 366496.3, 3766728.2, 0.0, 0.0);
( 365453.5, 3766452.0, 0.0, 0.0); ( 365450.0, 3766474.5, 0.0, 0.0);
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0002039	364833.7	3766242.0	-1.86
L0002041	364853.7	3766202.0	-3.63
L0002041	364853.7	3766222.0	-1.29
L0002042	364853.7	3766222.0	-11.28
L0002043	364853.7	3766242.0	-7.41
L0002044	364853.7	3766242.0	-4.59
L0002044	364853.7	3766262.0	0.03
L0002045	364873.7	3766222.0	-1.01
L0002046	364873.7	3766222.0	-0.48
L0002048	364873.7	3766182.0	-7.85
L0002049	364873.7	3766182.0	0.58
L0002051	364853.7	3766202.0	-7.47
L0002052	364853.7	3766202.0	-0.96
L0002052	364853.7	3766222.0	-3.28
L0002053	364833.7	3766222.0	0.70
L0002053	364853.7	3766222.0	-4.84
L0002054	364833.7	3766242.0	-2.28
L0002054	364853.7	3766242.0	-2.33
L0002055	364833.7	3766242.0	-1.46
L0002055	364833.7	3766262.0	0.17
L0002056	364873.7	3766182.0	-5.12
L0002059	364853.7	3766202.0	-6.57
L0002060	364853.7	3766202.0	-1.37
L0002060	364853.7	3766222.0	-2.82
L0002061	364853.7	3766222.0	-5.82
L0002062	364833.7	3766242.0	-0.44
L0002062	364853.7	3766242.0	-2.12
L0002063	364833.7	3766242.0	-1.98
L0002064	364873.7	3766182.0	-11.37
L0002065	364853.7	3766202.0	-0.83
L0002065	364873.7	3766202.0	-6.54
L0002066	364853.7	3766202.0	-1.19
L0002066	364873.7	3766202.0	-1.15
L0002066	364853.7	3766222.0	-0.49
L0002066	364873.7	3766222.0	-0.44
L0002067	364853.7	3766222.0	-7.01
L0002067	364873.7	3766222.0	-1.02
L0002068	364853.7	3766242.0	-11.35
L0002069	364853.7	3766242.0	-1.46
L0002069	364853.7	3766262.0	-8.46

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0002070	364873.7	3766182.0	-11.35
L0002071	364853.7	3766202.0	0.74
L0002071	364873.7	3766202.0	-6.16
L0002072	364853.7	3766202.0	-0.62
L0002072	364873.7	3766202.0	-2.02
L0002072	364873.7	3766222.0	0.56
L0002073	364853.7	3766222.0	-6.20
L0002073	364873.7	3766222.0	-1.87
L0002074	364853.7	3766242.0	-8.29
L0002075	364853.7	3766242.0	-3.93
L0002075	364853.7	3766262.0	-4.42
L0002076	364873.7	3766182.0	-7.01
L0002077	364873.7	3766182.0	0.20
L0002078	364873.7	3766202.0	-3.99
L0002079	364873.7	3766202.0	-3.64
L0002080	364873.7	3766222.0	-13.47
L0002081	364873.7	3766222.0	-0.24
L0002081	364873.7	3766242.0	-7.15
L0002082	364873.7	3766182.0	-7.25
L0002083	364873.7	3766202.0	0.83
L0002084	364873.7	3766202.0	-2.99
L0002085	364873.7	3766202.0	-3.74
L0002086	364873.7	3766222.0	-13.43
L0002087	364873.7	3766222.0	-1.40
L0002087	364873.7	3766242.0	-6.99
L0002088	365113.7	3766242.0	-7.58
L0002089	365093.7	3766242.0	-10.41
L0002090	365073.7	3766242.0	-3.27
L0002090	365093.7	3766242.0	-1.92
L0002091	365073.7	3766242.0	-8.21
L0002092	365053.7	3766242.0	-7.47
L0002093	365033.7	3766242.0	-0.91
L0002093	365053.7	3766242.0	-2.73
L0002094	365033.7	3766262.0	-7.34
L0002094	365053.7	3766262.0	0.30
L0002095	365033.7	3766262.0	0.91
L0002095	365053.7	3766262.0	-5.47
L0002096	365053.7	3766262.0	-3.17
L0002096	365053.7	3766282.0	-0.04
L0002097	365053.7	3766262.0	-5.77

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR XR (METERS)	LOCATION -- YR (METERS)	DISTANCE (METERS)
L0002097	365053.7	3766282.0	-1.31
L0002098	365033.7	3766262.0	-6.41
L0002099	365013.7	3766262.0	-1.14
L0002099	365033.7	3766262.0	-5.91
L0002100	365013.7	3766262.0	-11.45
L0002101	365013.7	3766262.0	-10.82
L0002102	365033.7	3766262.0	-8.71
L0002103	365033.7	3766262.0	-4.29
L0002103	365053.7	3766262.0	-2.63
L0002104	365053.7	3766262.0	-10.35
L0002105	365073.7	3766262.0	-9.66
L0002106	365073.7	3766262.0	-3.56
L0002106	365093.7	3766262.0	-3.44
L0002107	365093.7	3766262.0	-9.83
L0002109	365113.7	3766242.0	-5.55
L0002110	365913.7	3766582.0	-5.66
L0002111	365913.7	3766582.0	-1.27
L0002113	365933.7	3766582.0	-1.23
L0002118	365973.7	3766602.0	0.12
L0002119	365973.7	3766602.0	-3.85
L0002121	365993.7	3766602.0	-2.84
L0002122	365993.7	3766602.0	-3.62
L0002124	366013.7	3766602.0	-0.38
L0002128	366033.7	3766622.0	0.79
L0002130	366053.7	3766622.0	-3.98
L0002131	366053.7	3766622.0	-1.41
L0002132	366073.7	3766622.0	0.04
L0002133	366073.7	3766622.0	-4.48
L0002134	366073.7	3766622.0	0.89
L0002139	366113.7	3766642.0	-0.74
L0002141	366133.7	3766642.0	-2.26
L0002142	366133.7	3766642.0	-4.30
L0002144	366153.7	3766642.0	-2.91
L0002145	366153.7	3766642.0	-1.12
L0002150	366193.7	3766662.0	-1.15
L0002151	366193.7	3766662.0	0.06
L0002152	366213.7	3766662.0	0.25
L0002153	366213.7	3766662.0	-6.74
L0002154	366213.7	3766662.0	-0.17
L0002155	366233.7	3766662.0	-0.51

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR XR (METERS)	LOCATION -- YR (METERS)	DISTANCE (METERS)
L0002156	366233.7	3766662.0	-2.15
L0002161	366273.7	3766682.0	-0.05
L0002162	366273.7	3766682.0	-2.23
L0002164	366293.7	3766682.0	-4.27
L0002165	366293.7	3766682.0	-2.91
L0002167	366313.7	3766682.0	-1.89
L0002173	366353.7	3766702.0	-3.24
L0002174	366353.7	3766702.0	0.22
L0002175	366373.7	3766702.0	-1.43
L0002176	366373.7	3766702.0	-5.33
L0002178	366393.7	3766702.0	-0.14
L0002179	366393.7	3766702.0	0.10
L0002182	366413.7	3766722.0	0.93
L0002184	366433.7	3766722.0	-2.61
L0002185	366433.7	3766722.0	-2.62
L0002187	365833.7	3766562.0	-4.57
L0002188	365833.7	3766562.0	0.75
L0002189	365813.7	3766562.0	-2.08
L0002190	365813.7	3766562.0	-3.22
L0002192	365793.7	3766562.0	0.98
L0002195	365773.7	3766542.0	0.31
L0002196	365773.7	3766542.0	-0.80
L0002198	365753.7	3766542.0	-5.14
L0002199	365753.7	3766542.0	-2.06
L0002201	365733.7	3766542.0	-2.44
L0002206	365693.7	3766522.0	0.71
L0002207	365693.7	3766522.0	-3.31
L0002209	365673.7	3766522.0	-2.51
L0002210	365673.7	3766522.0	-4.06
L0002212	365653.7	3766522.0	-0.22
L0002216	365633.7	3766502.0	0.36
L0002218	365613.7	3766502.0	-4.51
L0002219	365613.7	3766502.0	-1.84
L0002220	365593.7	3766502.0	0.44
L0002221	365593.7	3766502.0	-3.72
L0002227	365553.7	3766482.0	-2.28
L0002229	365533.7	3766482.0	-2.72
L0002230	365533.7	3766482.0	-4.52
L0002232	365513.7	3766482.0	-1.22
L0002233	365513.7	3766482.0	0.38

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URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR XR (METERS)	LOCATION -- YR (METERS)	DISTANCE (METERS)
L0002238	365453.7	3766462.0	0.07
L0002238	365473.7	3766462.0	-0.87
L0002239	365473.7	3766462.0	-1.39
L0002239	365473.7	3766482.0	-1.88
L0002240	365493.7	3766462.0	-1.51
L0002240	365473.7	3766482.0	0.76
L0002240	365493.7	3766482.0	-12.03

PM10op.POU.txt

L0002241	365493.7	3766482.0	-3.22
L0002241	365513.7	3766482.0	-11.22
L0002242	365513.7	3766482.0	-5.61
L0002242	365533.7	3766482.0	-6.68
L0002242	365533.7	3766502.0	0.70
L0002243	365533.7	3766482.0	-5.49
L0002243	365553.7	3766482.0	-1.44
L0002243	365533.7	3766502.0	-4.27
L0002243	365553.7	3766502.0	-0.52
L0002244	365553.7	3766482.0	-2.71
L0002244	365553.7	3766502.0	-10.11
L0002244	365573.7	3766502.0	0.04
L0002245	365573.7	3766502.0	-15.67
L0002246	365573.7	3766502.0	0.04
L0002246	365593.7	3766502.0	-12.98
L0002246	365593.7	3766522.0	0.04
L0002247	365593.7	3766502.0	-1.70
L0002247	365613.7	3766502.0	-7.36
L0002247	365613.7	3766522.0	-3.18
L0002248	365613.7	3766502.0	-1.29
L0002248	365633.7	3766502.0	-1.53
L0002248	365613.7	3766522.0	-4.42
L0002248	365633.7	3766522.0	-4.72
L0002249	365633.7	3766502.0	0.85
L0002249	365633.7	3766522.0	-9.70
L0002249	365653.7	3766522.0	-3.61
L0002250	365653.7	3766522.0	-13.62
L0002250	365673.7	3766522.0	-0.55
L0002251	365673.7	3766522.0	-11.22
L0002251	365673.7	3766542.0	-3.22
L0002252	365693.7	3766522.0	-6.17
L0002252	365693.7	3766542.0	-7.12
L0002253	365713.7	3766522.0	-0.75

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0002253	365693.7	3766542.0	-3.12
L0002253	365713.7	3766542.0	-8.77
L0002254	365713.7	3766542.0	-7.44
L0002254	365733.7	3766542.0	-7.00
L0002255	365733.7	3766542.0	-9.56
L0002255	365753.7	3766542.0	-2.95
L0002255	365733.7	3766562.0	-0.23
L0002256	365873.7	3766562.0	-0.35
L0002256	365873.7	3766582.0	-5.33
L0002256	365893.7	3766582.0	0.28
L0002257	365873.7	3766562.0	0.55
L0002257	365853.7	3766582.0	-1.30
L0002257	365873.7	3766582.0	-4.01
L0002258	365853.7	3766562.0	-1.50
L0002258	365853.7	3766582.0	-7.18
L0002259	365833.7	3766562.0	-8.43
L0002259	365833.7	3766582.0	-7.43
L0002260	365813.7	3766562.0	-12.82
L0002260	365833.7	3766562.0	0.72
L0002260	365813.7	3766582.0	-2.58
L0002261	365793.7	3766562.0	-13.33
L0002261	365813.7	3766562.0	-2.58
L0002262	365773.7	3766542.0	-0.81
L0002262	365773.7	3766562.0	-9.37
L0002262	365793.7	3766562.0	-4.49
L0002263	365753.7	3766542.0	-3.27
L0002263	365773.7	3766542.0	-3.27
L0002263	365753.7	3766562.0	-4.33
L0002263	365773.7	3766562.0	-4.33
L0002264	365733.7	3766542.0	-3.92
L0002264	365753.7	3766542.0	-8.49
L0002264	365733.7	3766562.0	0.94
L0002264	365753.7	3766562.0	-2.16
L0002265	365713.7	3766542.0	-2.54
L0002265	365733.7	3766542.0	-13.06
L0002266	365713.7	3766522.0	-1.09
L0002266	365693.7	3766542.0	0.37
L0002266	365713.7	3766542.0	-14.15
L0002267	365693.7	3766522.0	-5.93
L0002267	365693.7	3766542.0	-9.92

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0002268	365673.7	3766522.0	-9.73
L0002268	365693.7	3766522.0	0.29
L0002268	365673.7	3766542.0	-5.00
L0002269	365653.7	3766522.0	-11.30
L0002269	365673.7	3766522.0	-3.75
L0002269	365653.7	3766542.0	0.33
L0002270	365633.7	3766522.0	-8.98
L0002270	365653.7	3766522.0	-6.53
L0002271	365613.7	3766502.0	-0.47
L0002271	365633.7	3766502.0	-2.16
L0002271	365613.7	3766522.0	-4.70
L0002271	365633.7	3766522.0	-7.02
L0002272	365593.7	3766502.0	-1.49
L0002272	365613.7	3766502.0	-7.60
L0002272	365593.7	3766522.0	0.24
L0002272	365613.7	3766522.0	-5.02
L0002273	365893.7	3766582.0	-0.24
L0002275	365913.7	3766582.0	-7.75
L0002275	365913.7	3766602.0	-7.75

L0002276 365933.7 3766582.0 PM10op.POU.txt
 L0002276 365933.7 3766602.0 -3.29
 L0002277 365933.7 3766602.0 -12.79
 L0002277 365933.7 3766602.0 -0.75
 L0002277 365933.7 3766602.0 -15.27
 L0002278 365933.7 3766602.0 -2.79
 L0002278 365933.7 3766602.0 -11.41
 L0002278 365933.7 3766622.0 -1.19
 L0002279 365933.7 3766602.0 -3.23
 L0002279 365933.7 3766602.0 -6.45
 L0002279 365933.7 3766622.0 -1.33
 L0002279 365933.7 3766622.0 -4.10
 L0002280 365933.7 3766602.0 -1.72
 L0002280 366013.7 3766602.0 -1.15
 L0002280 365933.7 3766622.0 -6.36
 L0002280 366013.7 3766622.0 -5.58
 L0002281 366013.7 3766622.0 -10.79
 L0002281 366033.7 3766622.0 -4.85
 L0002282 366033.7 3766622.0 -12.97
 L0002282 366053.7 3766622.0 -2.25
 L0002282 366033.7 3766642.0 0.01
 L0002283 366053.7 3766622.0 -10.80

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
 LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0002283	366053.7	3766642.0	-4.91
L0002284	366073.7	3766622.0	-6.27
L0002284	366073.7	3766642.0	-9.76
L0002285	366093.7	3766622.0	-1.46
L0002285	366073.7	3766642.0	-0.90
L0002285	366093.7	3766642.0	-13.06
L0002286	366093.7	3766642.0	-3.88
L0002286	366113.7	3766642.0	-12.08
L0002287	366113.7	3766642.0	-5.23
L0002287	366133.7	3766642.0	-7.97
L0002287	366113.7	3766662.0	0.51
L0002287	366133.7	3766662.0	-1.26
L0002288	366133.7	3766642.0	-4.40
L0002288	366153.7	3766642.0	-3.00
L0002288	366133.7	3766662.0	-4.77
L0002288	366153.7	3766662.0	-3.34
L0002289	366153.7	3766642.0	-1.94
L0002289	366153.7	3766662.0	-9.73
L0002289	366173.7	3766662.0	-3.50
L0002290	366173.7	3766662.0	-14.16
L0002290	366193.7	3766662.0	-1.87
L0002291	366193.7	3766662.0	-13.84
L0002291	366193.7	3766682.0	-1.99
L0002292	366213.7	3766662.0	-9.20
L0002292	366213.7	3766682.0	-6.72
L0002293	366233.7	3766662.0	-4.24
L0002293	366213.7	3766682.0	-0.53
L0002293	366233.7	3766682.0	-10.27
L0002294	366233.7	3766682.0	-4.33
L0002294	366253.7	3766682.0	-11.30
L0002295	366253.7	3766682.0	-6.76
L0002295	366273.7	3766682.0	-8.70
L0002296	366273.7	3766682.0	-6.91
L0002296	366293.7	3766682.0	-4.39
L0002296	366273.7	3766702.0	-2.75
L0002296	366293.7	3766702.0	-0.83
L0002297	366293.7	3766682.0	-4.92
L0002297	366313.7	3766682.0	0.36
L0002297	366293.7	3766702.0	-7.93
L0002297	366313.7	3766702.0	-1.65

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
 LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0002298	366473.7	3766722.0	-2.26
L0002298	366493.7	3766722.0	-0.60
L0002298	366473.7	3766742.0	-4.14
L0002298	366493.7	3766742.0	-2.26
L0002298	366496.3	3766728.2	-1.73
L0002299	366453.7	3766722.0	-0.67
L0002299	366473.7	3766722.0	-3.88
L0002299	366453.7	3766742.0	-0.67
L0002299	366473.7	3766742.0	-3.88
L0002300	366453.7	3766722.0	-6.57
L0002300	366453.7	3766742.0	-4.73
L0002301	366433.7	3766722.0	-11.96
L0002301	366433.7	3766742.0	-3.08
L0002302	366413.7	3766722.0	-15.90
L0002302	366433.7	3766722.0	0.94
L0002303	366393.7	3766702.0	-0.59
L0002303	366393.7	3766722.0	-12.07
L0002303	366413.7	3766722.0	-1.61
L0002304	366373.7	3766702.0	-3.42
L0002304	366393.7	3766702.0	0.03
L0002304	366373.7	3766722.0	-7.04
L0002304	366393.7	3766722.0	-2.73
L0002305	366353.7	3766702.0	-4.85
L0002305	366373.7	3766702.0	-5.15
L0002305	366353.7	3766722.0	-1.72
L0002305	366373.7	3766722.0	-1.96
L0002306	366333.7	3766702.0	-4.13
L0002306	366353.7	3766702.0	-9.88
L0002306	366353.7	3766722.0	0.25
L0002307	366313.7	3766702.0	-1.65
L0002307	366333.7	3766702.0	-13.50

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[illegible]

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

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

FILE: C:\AERMOD~1\METDAT~1\WESTLA.ASC
 SURFACE STATION NO.: 52158
 NAME: UNKNOWN
 YEAR: 1981

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,F9.4,f10.1,f8.4,i4,f7.2)
 UPPER AIR STATION NO.: 91919
 NAME: UNKNOWN
 YEAR: 1981

YEAR	MONTH	DAY	HOUR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
81	1	1	1	67.3	1.00	285.9	7	387.1	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	2	79.9	1.00	286.5	7	397.2	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	3	62.5	1.00	285.9	6	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	4	98.5	1.00	285.9	5	417.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	5	354.0	1.00	285.4	4	427.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	6	139.5	1.00	283.7	5	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	7	94.5	1.00	283.7	6	447.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	8	112.2	1.00	284.3	5	70.1	201.5	0.0000	0.0	0.0000	0	0.00
81	1	1	9	186.5	1.00	287.0	4	144.7	254.3	0.0000	0.0	0.0000	0	0.00
81	1	1	10	256.6	1.00	291.5	3	219.4	307.0	0.0000	0.0	0.0000	0	0.00
81	1	1	11	314.1	1.00	294.8	2	294.0	359.8	0.0000	0.0	0.0000	0	0.00
81	1	1	12	35.6	2.68	290.9	3	368.7	412.5	0.0000	0.0	0.0000	0	0.00
81	1	1	13	64.7	2.24	289.8	3	443.3	465.3	0.0000	0.0	0.0000	0	0.00
81	1	1	14	34.2	2.24	290.4	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	15	44.8	1.34	290.4	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	16	53.2	1.79	289.3	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	17	42.6	0.00	288.1	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	18	30.1	1.00	287.6	5	518.0	468.5	0.0000	0.0	0.0000	0	0.00
81	1	1	19	20.5	0.00	287.0	6	518.0	425.9	0.0000	0.0	0.0000	0	0.00
81	1	1	20	55.7	1.00	287.0	7	518.0	383.4	0.0000	0.0	0.0000	0	0.00
81	1	1	21	43.6	0.00	287.6	7	518.0	340.8	0.0000	0.0	0.0000	0	0.00
81	1	1	22	137.0	1.00	287.0	7	518.0	298.2	0.0000	0.0	0.0000	0	0.00
81	1	1	23	90.7	1.00	286.5	7	518.0	255.6	0.0000	0.0	0.0000	0	0.00
81	1	1	24	67.2	1.00	286.5	6	518.0	213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
 L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
 L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
364763.69	3766123.25	0.00005	364877.00	3766157.50	0.00058
364996.62	3766189.25	0.00020	365152.53	3766233.75	0.00011
365186.06	3766252.75	0.00009	364813.56	3766040.75	0.00002
364906.91	3766067.00	0.00006	365017.50	3766096.00	0.00008
365171.56	3766136.75	0.00005	364901.47	3765939.25	0.00002
364943.16	3765956.50	0.00002	365049.19	3765981.75	0.00004
365196.03	3766026.25	0.00003	365319.28	3766299.00	0.00006
365341.03	3766259.00	0.00005	365370.97	3766205.50	0.00004
365416.25	3766100.50	0.00002	365711.59	3766502.00	0.00108
366498.19	3766709.25	0.00048	365730.53	3766430.25	0.00024
366513.31	3766637.25	0.00017	365475.88	3766363.75	0.00007
365509.72	3766271.00	0.00004	365760.62	3766338.75	0.00010
366539.66	3766543.25	0.00009	364713.66	3766142.00	0.00005
364733.66	3766142.00	0.00006	364753.66	3766142.00	0.00006
364773.66	3766142.00	0.00007	364793.66	3766142.00	0.00007
364813.66	3766142.00	0.00008	364833.66	3766142.00	0.00009
364853.66	3766142.00	0.00013	364873.66	3766142.00	0.00025
364893.66	3766142.00	0.00032	364913.66	3766142.00	0.00032
364933.66	3766142.00	0.00025	364953.66	3766142.00	0.00019
364973.66	3766142.00	0.00015	364993.66	3766142.00	0.00012
365013.66	3766142.00	0.00010	365033.66	3766142.00	0.00009
365053.66	3766142.00	0.00008	365073.66	3766142.00	0.00007
365093.66	3766142.00	0.00007	365113.66	3766142.00	0.00006
365133.66	3766142.00	0.00006	365153.66	3766142.00	0.00006
365173.66	3766142.00	0.00005	365193.66	3766142.00	0.00005
365213.66	3766142.00	0.00005	365233.66	3766142.00	0.00004
365253.66	3766142.00	0.00004	365273.66	3766142.00	0.00004
365293.66	3766142.00	0.00004	365313.66	3766142.00	0.00003
365333.66	3766142.00	0.00003	365353.66	3766142.00	0.00003
365373.66	3766142.00	0.00003	365393.66	3766142.00	0.00003
365413.66	3766142.00	0.00003	365433.66	3766142.00	0.00003
365453.66	3766142.00	0.00003	365473.66	3766142.00	0.00003
365493.66	3766142.00	0.00003	365513.66	3766142.00	0.00003
365533.66	3766142.00	0.00003	365553.66	3766142.00	0.00003
365573.66	3766142.00	0.00003	365593.66	3766142.00	0.00003
365613.66	3766142.00	0.00003	365633.66	3766142.00	0.00003
365653.66	3766142.00	0.00003	365673.66	3766142.00	0.00003
365693.66	3766142.00	0.00003	365713.66	3766142.00	0.00003
365733.66	3766142.00	0.00003	365753.66	3766142.00	0.00004
365773.66	3766142.00	0.00004	365793.66	3766142.00	0.00004

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION

VALUES FOR SOURCE GROUP: ALL

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
 L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
 L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
365813.66	3766142.00	0.00004	365833.66	3766142.00	0.00004
365853.66	3766142.00	0.00004	365873.66	3766142.00	0.00004
365893.66	3766142.00	0.00004	365913.66	3766142.00	0.00004
365933.66	3766142.00	0.00004	365953.66	3766142.00	0.00004
365973.66	3766142.00	0.00004	365993.66	3766142.00	0.00004

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PM10op.POU.txt
366013.66 3766142.00 0.00004 366033.66 3766142.00 0.00004
366053.66 3766142.00 0.00004 366073.66 3766142.00 0.00004
366093.66 3766142.00 0.00004 366113.66 3766142.00 0.00004
366133.66 3766142.00 0.00004 366153.66 3766142.00 0.00004
366173.66 3766142.00 0.00004 366193.66 3766142.00 0.00004
366213.66 3766142.00 0.00004 366233.66 3766142.00 0.00004
366253.66 3766142.00 0.00004 366273.66 3766142.00 0.00004
366293.66 3766142.00 0.00003 366313.66 3766142.00 0.00003
366333.66 3766142.00 0.00003 366353.66 3766142.00 0.00003
366373.66 3766142.00 0.00003 366393.66 3766142.00 0.00003
366413.66 3766142.00 0.00003 366433.66 3766142.00 0.00003
366453.66 3766142.00 0.00003 366473.66 3766142.00 0.00003
366493.66 3766142.00 0.00003 364713.66 3766162.00 0.00007
364733.66 3766162.00 0.00008 364753.66 3766162.00 0.00009
364773.66 3766162.00 0.00011 364793.66 3766162.00 0.00013
364813.66 3766162.00 0.00016 364833.66 3766162.00 0.00021
364853.66 3766162.00 0.00030 364873.66 3766162.00 0.00072
364893.66 3766162.00 0.00078 364913.66 3766162.00 0.00051
364933.66 3766162.00 0.00034 364953.66 3766162.00 0.00024
364973.66 3766162.00 0.00018 364993.66 3766162.00 0.00015
365013.66 3766162.00 0.00012 365033.66 3766162.00 0.00011
365053.66 3766162.00 0.00009 365073.66 3766162.00 0.00008
365093.66 3766162.00 0.00008 365113.66 3766162.00 0.00007
365133.66 3766162.00 0.00007 365153.66 3766162.00 0.00006
365173.66 3766162.00 0.00006 365193.66 3766162.00 0.00006
365213.66 3766162.00 0.00005 365233.66 3766162.00 0.00005
365253.66 3766162.00 0.00004 365273.66 3766162.00 0.00004
365293.66 3766162.00 0.00004 365313.66 3766162.00 0.00004
365333.66 3766162.00 0.00004 365353.66 3766162.00 0.00003
365373.66 3766162.00 0.00003 365393.66 3766162.00 0.00003
365413.66 3766162.00 0.00003 365433.66 3766162.00 0.00003
365453.66 3766162.00 0.00003 365473.66 3766162.00 0.00003
365493.66 3766162.00 0.00003 365513.66 3766162.00 0.00003
365533.66 3766162.00 0.00003 365553.66 3766162.00 0.00003
365573.66 3766162.00 0.00003 365593.66 3766162.00 0.00003
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 63
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
*** 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
365613.66 3766162.00 0.00003 365633.66 3766162.00 0.00003
365653.66 3766162.00 0.00003 365673.66 3766162.00 0.00004
365693.66 3766162.00 0.00004 365713.66 3766162.00 0.00004
365733.66 3766162.00 0.00004 365753.66 3766162.00 0.00004
365773.66 3766162.00 0.00004 365793.66 3766162.00 0.00004
365813.66 3766162.00 0.00004 365833.66 3766162.00 0.00004
365853.66 3766162.00 0.00004 365873.66 3766162.00 0.00004
365893.66 3766162.00 0.00004 365913.66 3766162.00 0.00004
365933.66 3766162.00 0.00004 365953.66 3766162.00 0.00004
365973.66 3766162.00 0.00004 365993.66 3766162.00 0.00004
366013.66 3766162.00 0.00004 366033.66 3766162.00 0.00004
366053.66 3766162.00 0.00004 366073.66 3766162.00 0.00004
366093.66 3766162.00 0.00004 366113.66 3766162.00 0.00004
366133.66 3766162.00 0.00004 366153.66 3766162.00 0.00004
366173.66 3766162.00 0.00004 366193.66 3766162.00 0.00004
366213.66 3766162.00 0.00004 366233.66 3766162.00 0.00004
366253.66 3766162.00 0.00004 366273.66 3766162.00 0.00004
366293.66 3766162.00 0.00004 366313.66 3766162.00 0.00004
366333.66 3766162.00 0.00004 366353.66 3766162.00 0.00004
366373.66 3766162.00 0.00003 366393.66 3766162.00 0.00003
366413.66 3766162.00 0.00003 366433.66 3766162.00 0.00003
366453.66 3766162.00 0.00003 366473.66 3766162.00 0.00003
366493.66 3766162.00 0.00003 364713.66 3766182.00 0.00008
364733.66 3766182.00 0.00010 364753.66 3766182.00 0.00012
364773.66 3766182.00 0.00016 364793.66 3766182.00 0.00022
364813.66 3766182.00 0.00032 364833.66 3766182.00 0.00056
364853.66 3766182.00 0.00140 364873.66 3766182.00 0.00130
364893.66 3766182.00 0.00211 364913.66 3766182.00 0.00089
364933.66 3766182.00 0.00051 364953.66 3766182.00 0.00034
364973.66 3766182.00 0.00025 364993.66 3766182.00 0.00019
365013.66 3766182.00 0.00015 365033.66 3766182.00 0.00013
365053.66 3766182.00 0.00011 365073.66 3766182.00 0.00010
365093.66 3766182.00 0.00010 365113.66 3766182.00 0.00009
365133.66 3766182.00 0.00008 365153.66 3766182.00 0.00008
365173.66 3766182.00 0.00007 365193.66 3766182.00 0.00006
365213.66 3766182.00 0.00006 365233.66 3766182.00 0.00005
365253.66 3766182.00 0.00005 365273.66 3766182.00 0.00005
365293.66 3766182.00 0.00004 365313.66 3766182.00 0.00004
365333.66 3766182.00 0.00004 365353.66 3766182.00 0.00004
365373.66 3766182.00 0.00004 365393.66 3766182.00 0.00003
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 64
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
*** 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
365413.66 3766182.00 0.00003 365433.66 3766182.00 0.00003
365453.66 3766182.00 0.00003 365473.66 3766182.00 0.00003
365493.66 3766182.00 0.00003 365513.66 3766182.00 0.00003
365533.66 3766182.00 0.00003 365553.66 3766182.00 0.00003
365573.66 3766182.00 0.00003 365593.66 3766182.00 0.00003
365613.66 3766182.00 0.00004 365633.66 3766182.00 0.00004
365653.66 3766182.00 0.00004 365673.66 3766182.00 0.00004
365693.66 3766182.00 0.00004 365713.66 3766182.00 0.00004
365733.66 3766182.00 0.00004 365753.66 3766182.00 0.00004
365773.66 3766182.00 0.00004 365793.66 3766182.00 0.00004
365813.66 3766182.00 0.00004 365833.66 3766182.00 0.00004
Page 64
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365853.66 3766182.00 0.00004 365873.66 3766182.00 0.00005
365893.66 3766182.00 0.00005 365913.66 3766182.00 0.00005
365933.66 3766182.00 0.00005 365953.66 3766182.00 0.00005
365973.66 3766182.00 0.00005 365993.66 3766182.00 0.00004
366013.66 3766182.00 0.00004 366033.66 3766182.00 0.00004
366053.66 3766182.00 0.00004 366073.66 3766182.00 0.00004
366093.66 3766182.00 0.00004 366113.66 3766182.00 0.00004
366133.66 3766182.00 0.00004 366153.66 3766182.00 0.00004
366173.66 3766182.00 0.00004 366193.66 3766182.00 0.00004
366213.66 3766182.00 0.00004 366233.66 3766182.00 0.00004
366253.66 3766182.00 0.00004 366273.66 3766182.00 0.00004
366293.66 3766182.00 0.00004 366313.66 3766182.00 0.00004
366333.66 3766182.00 0.00004 366353.66 3766182.00 0.00004
366373.66 3766182.00 0.00004 366393.66 3766182.00 0.00004
366413.66 3766182.00 0.00004 366433.66 3766182.00 0.00003
366453.66 3766182.00 0.00003 366473.66 3766182.00 0.00003
366493.66 3766182.00 0.00003 366473.66 3766202.00 0.00010
364733.66 3766202.00 0.00012 364753.66 3766202.00 0.00015
364773.66 3766202.00 0.00021 364793.66 3766202.00 0.00031
364813.66 3766202.00 0.00050 364833.66 3766202.00 0.00105
364853.66 3766202.00 0.00197 364873.66 3766202.00 0.00419
364893.66 3766202.00 0.00333 364913.66 3766202.00 0.00133
364933.66 3766202.00 0.00070 364953.66 3766202.00 0.00044
364973.66 3766202.00 0.00031 364993.66 3766202.00 0.00023
365013.66 3766202.00 0.00019 365033.66 3766202.00 0.00016
365053.66 3766202.00 0.00014 365073.66 3766202.00 0.00013
365093.66 3766202.00 0.00012 365113.66 3766202.00 0.00011
365133.66 3766202.00 0.00010 365153.66 3766202.00 0.00009
365173.66 3766202.00 0.00008 365193.66 3766202.00 0.00007
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

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*** 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
365213.66	3766202.00	0.00006	365233.66	3766202.00	0.00006
365253.66	3766202.00	0.00005	365273.66	3766202.00	0.00005
365293.66	3766202.00	0.00005	365313.66	3766202.00	0.00004
365333.66	3766202.00	0.00004	365353.66	3766202.00	0.00004
365373.66	3766202.00	0.00004	365393.66	3766202.00	0.00004
365413.66	3766202.00	0.00004	365433.66	3766202.00	0.00004
365453.66	3766202.00	0.00004	365473.66	3766202.00	0.00003
365493.66	3766202.00	0.00003	365513.66	3766202.00	0.00003
365533.66	3766202.00	0.00003	365553.66	3766202.00	0.00004
365573.66	3766202.00	0.00004	365593.66	3766202.00	0.00004
365613.66	3766202.00	0.00004	365633.66	3766202.00	0.00004
365653.66	3766202.00	0.00004	365673.66	3766202.00	0.00004
365693.66	3766202.00	0.00004	365713.66	3766202.00	0.00004
365733.66	3766202.00	0.00005	365753.66	3766202.00	0.00005
365773.66	3766202.00	0.00005	365793.66	3766202.00	0.00005
365813.66	3766202.00	0.00005	365833.66	3766202.00	0.00005
365853.66	3766202.00	0.00005	365873.66	3766202.00	0.00005
365893.66	3766202.00	0.00005	365913.66	3766202.00	0.00005
365933.66	3766202.00	0.00005	365953.66	3766202.00	0.00005
365973.66	3766202.00	0.00005	365993.66	3766202.00	0.00005
366013.66	3766202.00	0.00005	366033.66	3766202.00	0.00005
366053.66	3766202.00	0.00005	366073.66	3766202.00	0.00005
366093.66	3766202.00	0.00005	366113.66	3766202.00	0.00004
366133.66	3766202.00	0.00004	366153.66	3766202.00	0.00004
366173.66	3766202.00	0.00004	366193.66	3766202.00	0.00004
366213.66	3766202.00	0.00004	366233.66	3766202.00	0.00004
366253.66	3766202.00	0.00004	366273.66	3766202.00	0.00004
366293.66	3766202.00	0.00004	366313.66	3766202.00	0.00004
366333.66	3766202.00	0.00004	366353.66	3766202.00	0.00004
366373.66	3766202.00	0.00004	366393.66	3766202.00	0.00004
366413.66	3766202.00	0.00004	366433.66	3766202.00	0.00004
366453.66	3766202.00	0.00004	366473.66	3766202.00	0.00004
366493.66	3766202.00	0.00003	366473.66	3766222.00	0.00010
364733.66	3766222.00	0.00013	364753.66	3766222.00	0.00017
364773.66	3766222.00	0.00024	364793.66	3766222.00	0.00035
364813.66	3766222.00	0.00060	364833.66	3766222.00	0.00118
364853.66	3766222.00	0.00168	364873.66	3766222.00	0.00298
364893.66	3766222.00	0.00316	364913.66	3766222.00	0.00149
364933.66	3766222.00	0.00082	364953.66	3766222.00	0.00051
364973.66	3766222.00	0.00036	364993.66	3766222.00	0.00027

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

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*** 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
365013.66	3766222.00	0.00021	365033.66	3766222.00	0.00018
365053.66	3766222.00	0.00017	365073.66	3766222.00	0.00016
365093.66	3766222.00	0.00015	365113.66	3766222.00	0.00014
365133.66	3766222.00	0.00012	365153.66	3766222.00	0.00010
365173.66	3766222.00	0.00008	365193.66	3766222.00	0.00008
365213.66	3766222.00	0.00007	365233.66	3766222.00	0.00006
365253.66	3766222.00	0.00006	365273.66	3766222.00	0.00006
365293.66	3766222.00	0.00005	365313.66	3766222.00	0.00005
365333.66	3766222.00	0.00005	365353.66	3766222.00	0.00004
365373.66	3766222.00	0.00004	365393.66	3766222.00	0.00004
365413.66	3766222.00	0.00004	365433.66	3766222.00	0.00004
365453.66	3766222.00	0.00004	365473.66	3766222.00	0.00004
365493.66	3766222.00	0.00004	365513.66	3766222.00	0.00004
365533.66	3766222.00	0.00004	365553.66	3766222.00	0.00004
365573.66	3766222.00	0.00004	365593.66	3766222.00	0.00004
365613.66	3766222.00	0.00004	365633.66	3766222.00	0.00004
365653.66	3766222.00	0.00004	365673.66	3766222.00	0.00005

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365693.66 3766222.00 0.00005 PM10op.POU.txt 365713.66 3766222.00 0.00005
365733.66 3766222.00 0.00005 365753.66 3766222.00 0.00005
365773.66 3766222.00 0.00005 365793.66 3766222.00 0.00005
365813.66 3766222.00 0.00005 365833.66 3766222.00 0.00005
365853.66 3766222.00 0.00005 365873.66 3766222.00 0.00005
365893.66 3766222.00 0.00005 365913.66 3766222.00 0.00005
365933.66 3766222.00 0.00005 365953.66 3766222.00 0.00005
365973.66 3766222.00 0.00005 365993.66 3766222.00 0.00005
366013.66 3766222.00 0.00005 366033.66 3766222.00 0.00005
366053.66 3766222.00 0.00005 366073.66 3766222.00 0.00005
366093.66 3766222.00 0.00005 366113.66 3766222.00 0.00005
366133.66 3766222.00 0.00005 366153.66 3766222.00 0.00005
366173.66 3766222.00 0.00005 366193.66 3766222.00 0.00004
366213.66 3766222.00 0.00004 366233.66 3766222.00 0.00004
366253.66 3766222.00 0.00004 366273.66 3766222.00 0.00004
366293.66 3766222.00 0.00004 366313.66 3766222.00 0.00004
366333.66 3766222.00 0.00004 366353.66 3766222.00 0.00004
366373.66 3766222.00 0.00004 366393.66 3766222.00 0.00004
366413.66 3766222.00 0.00004 366433.66 3766222.00 0.00004
366453.66 3766222.00 0.00004 366473.66 3766222.00 0.00004
366493.66 3766222.00 0.00004 364713.66 3766242.00 0.00010
364733.66 3766242.00 0.00013 364753.66 3766242.00 0.00017
364773.66 3766242.00 0.00023 364793.66 3766242.00 0.00035
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXP0\Expo HRA\EXP0hra.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

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*** 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
364813.66	3766242.00	0.00062	364833.66	3766242.00	0.00095
364853.66	3766242.00	0.00180	364873.66	3766242.00	0.00291
364893.66	3766242.00	0.00230	364913.66	3766242.00	0.00133
364933.66	3766242.00	0.00083	364953.66	3766242.00	0.00055
364973.66	3766242.00	0.00039	364993.66	3766242.00	0.00030
365013.66	3766242.00	0.00025	365033.66	3766242.00	0.00023
365053.66	3766242.00	0.00022	365073.66	3766242.00	0.00022
365093.66	3766242.00	0.00021	365113.66	3766242.00	0.00018
365133.66	3766242.00	0.00017	365153.66	3766242.00	0.00012
365173.66	3766242.00	0.00010	365193.66	3766242.00	0.00009
365213.66	3766242.00	0.00008	365233.66	3766242.00	0.00007
365253.66	3766242.00	0.00006	365273.66	3766242.00	0.00006
365293.66	3766242.00	0.00006	365313.66	3766242.00	0.00005
365333.66	3766242.00	0.00005	365353.66	3766242.00	0.00005
365373.66	3766242.00	0.00004	365393.66	3766242.00	0.00004
365413.66	3766242.00	0.00004	365433.66	3766242.00	0.00004
365453.66	3766242.00	0.00004	365473.66	3766242.00	0.00004
365493.66	3766242.00	0.00004	365513.66	3766242.00	0.00004
365533.66	3766242.00	0.00004	365553.66	3766242.00	0.00004
365573.66	3766242.00	0.00004	365593.66	3766242.00	0.00004
365613.66	3766242.00	0.00005	365633.66	3766242.00	0.00005
365653.66	3766242.00	0.00005	365673.66	3766242.00	0.00005
365693.66	3766242.00	0.00005	365713.66	3766242.00	0.00005
365733.66	3766242.00	0.00006	365753.66	3766242.00	0.00006
365773.66	3766242.00	0.00006	365793.66	3766242.00	0.00006
365813.66	3766242.00	0.00006	365833.66	3766242.00	0.00006
365853.66	3766242.00	0.00006	365873.66	3766242.00	0.00006
365893.66	3766242.00	0.00006	365913.66	3766242.00	0.00006
365933.66	3766242.00	0.00006	365953.66	3766242.00	0.00006
365973.66	3766242.00	0.00006	365993.66	3766242.00	0.00005
366013.66	3766242.00	0.00005	366033.66	3766242.00	0.00005
366053.66	3766242.00	0.00005	366073.66	3766242.00	0.00005
366093.66	3766242.00	0.00005	366113.66	3766242.00	0.00005
366133.66	3766242.00	0.00005	366153.66	3766242.00	0.00005
366173.66	3766242.00	0.00005	366193.66	3766242.00	0.00005
366213.66	3766242.00	0.00005	366233.66	3766242.00	0.00005
366253.66	3766242.00	0.00005	366273.66	3766242.00	0.00004
366293.66	3766242.00	0.00004	366313.66	3766242.00	0.00004
366333.66	3766242.00	0.00004	366353.66	3766242.00	0.00004
366373.66	3766242.00	0.00004	366393.66	3766242.00	0.00004

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXP0\Expo HRA\EXP0hra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

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*** 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
366413.66	3766242.00	0.00004	366433.66	3766242.00	0.00004
366453.66	3766242.00	0.00004	366473.66	3766242.00	0.00004
366493.66	3766242.00	0.00004	364713.66	3766262.00	0.00010
364733.66	3766262.00	0.00012	364753.66	3766262.00	0.00015
364773.66	3766262.00	0.00020	364793.66	3766262.00	0.00029
364813.66	3766262.00	0.00047	364833.66	3766262.00	0.00081
364853.66	3766262.00	0.00153	364873.66	3766262.00	0.00207
364893.66	3766262.00	0.00140	364913.66	3766262.00	0.00100
364933.66	3766262.00	0.00072	364953.66	3766262.00	0.00052
364973.66	3766262.00	0.00040	364993.66	3766262.00	0.00033
365013.66	3766262.00	0.00028	365033.66	3766262.00	0.00028
365053.66	3766262.00	0.00028	365073.66	3766262.00	0.00033
365093.66	3766262.00	0.00028	365113.66	3766262.00	0.00032
365133.66	3766262.00	0.00020	365153.66	3766262.00	0.00014
365173.66	3766262.00	0.00011	365193.66	3766262.00	0.00009
365213.66	3766262.00	0.00008	365233.66	3766262.00	0.00007
365253.66	3766262.00	0.00007	365273.66	3766262.00	0.00006
365293.66	3766262.00	0.00006	365313.66	3766262.00	0.00006
365333.66	3766262.00	0.00005	365353.66	3766262.00	0.00005
365373.66	3766262.00	0.00005	365393.66	3766262.00	0.00005
365413.66	3766262.00	0.00004	365433.66	3766262.00	0.00004
365453.66	3766262.00	0.00004	365473.66	3766262.00	0.00004
365493.66	3766262.00	0.00004	365513.66	3766262.00	0.00004

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365533.66 3766262.00 0.00004 PM10op.POU.txt 365553.66 3766262.00 0.00005
365573.66 3766262.00 0.00005 365593.66 3766262.00 0.00005
365613.66 3766262.00 0.00005 365633.66 3766262.00 0.00005
365653.66 3766262.00 0.00006 365673.66 3766262.00 0.00006
365693.66 3766262.00 0.00006 365713.66 3766262.00 0.00006
365733.66 3766262.00 0.00006 365753.66 3766262.00 0.00006
365773.66 3766262.00 0.00006 365793.66 3766262.00 0.00006
365813.66 3766262.00 0.00006 365833.66 3766262.00 0.00006
365853.66 3766262.00 0.00006 365873.66 3766262.00 0.00006
365893.66 3766262.00 0.00006 365913.66 3766262.00 0.00006
365933.66 3766262.00 0.00006 365953.66 3766262.00 0.00006
365973.66 3766262.00 0.00006 365993.66 3766262.00 0.00006
366013.66 3766262.00 0.00006 366033.66 3766262.00 0.00006
366053.66 3766262.00 0.00006 366073.66 3766262.00 0.00005
366093.66 3766262.00 0.00005 366113.66 3766262.00 0.00005
366133.66 3766262.00 0.00005 366153.66 3766262.00 0.00005
366173.66 3766262.00 0.00005 366193.66 3766262.00 0.00005
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXP0\Expo HRA\EXP0hra.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

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*** 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
366213.66	3766262.00	0.00005	366233.66	3766262.00	0.00005
366253.66	3766262.00	0.00005	366273.66	3766262.00	0.00005
366293.66	3766262.00	0.00005	366313.66	3766262.00	0.00005
366333.66	3766262.00	0.00005	366353.66	3766262.00	0.00004
366373.66	3766262.00	0.00004	366393.66	3766262.00	0.00004
366413.66	3766262.00	0.00004	366433.66	3766262.00	0.00004
366453.66	3766262.00	0.00004	366473.66	3766262.00	0.00004
366493.66	3766262.00	0.00004	364713.66	3766282.00	0.00009
364733.66	3766282.00	0.00010	364753.66	3766282.00	0.00013
364773.66	3766282.00	0.00016	364793.66	3766282.00	0.00021
364813.66	3766282.00	0.00028	364833.66	3766282.00	0.00043
364853.66	3766282.00	0.00073	364873.66	3766282.00	0.00089
364893.66	3766282.00	0.00081	364913.66	3766282.00	0.00069
364933.66	3766282.00	0.00057	364953.66	3766282.00	0.00046
364973.66	3766282.00	0.00037	364993.66	3766282.00	0.00031
365013.66	3766282.00	0.00029	365033.66	3766282.00	0.00033
365053.66	3766282.00	0.00034	365073.66	3766282.00	0.00035
365093.66	3766282.00	0.00028	365113.66	3766282.00	0.00024
365133.66	3766282.00	0.00019	365153.66	3766282.00	0.00014
365173.66	3766282.00	0.00011	365193.66	3766282.00	0.00010
365213.66	3766282.00	0.00009	365233.66	3766282.00	0.00008
365253.66	3766282.00	0.00007	365273.66	3766282.00	0.00007
365293.66	3766282.00	0.00006	365313.66	3766282.00	0.00006
365333.66	3766282.00	0.00005	365353.66	3766282.00	0.00005
365373.66	3766282.00	0.00005	365393.66	3766282.00	0.00005
365413.66	3766282.00	0.00005	365433.66	3766282.00	0.00005
365453.66	3766282.00	0.00005	365473.66	3766282.00	0.00005
365493.66	3766282.00	0.00005	365513.66	3766282.00	0.00005
365533.66	3766282.00	0.00005	365553.66	3766282.00	0.00005
365573.66	3766282.00	0.00005	365593.66	3766282.00	0.00005
365613.66	3766282.00	0.00006	365633.66	3766282.00	0.00006
365653.66	3766282.00	0.00006	365673.66	3766282.00	0.00006
365693.66	3766282.00	0.00007	365713.66	3766282.00	0.00007
365733.66	3766282.00	0.00007	365753.66	3766282.00	0.00007
365773.66	3766282.00	0.00007	365793.66	3766282.00	0.00007
365813.66	3766282.00	0.00007	365833.66	3766282.00	0.00007
365853.66	3766282.00	0.00007	365873.66	3766282.00	0.00007
365893.66	3766282.00	0.00007	365913.66	3766282.00	0.00007
365933.66	3766282.00	0.00007	365953.66	3766282.00	0.00007
365973.66	3766282.00	0.00006	365993.66	3766282.00	0.00006

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXP0\Expo HRA\EXP0hra.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

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*** 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
366013.66	3766282.00	0.00006	366033.66	3766282.00	0.00006
366053.66	3766282.00	0.00006	366073.66	3766282.00	0.00006
366093.66	3766282.00	0.00006	366113.66	3766282.00	0.00006
366133.66	3766282.00	0.00005	366153.66	3766282.00	0.00005
366173.66	3766282.00	0.00005	366193.66	3766282.00	0.00005
366213.66	3766282.00	0.00005	366233.66	3766282.00	0.00005
366253.66	3766282.00	0.00005	366273.66	3766282.00	0.00005
366293.66	3766282.00	0.00005	366313.66	3766282.00	0.00005
366333.66	3766282.00	0.00005	366353.66	3766282.00	0.00005
366373.66	3766282.00	0.00005	366393.66	3766282.00	0.00005
366413.66	3766282.00	0.00005	366433.66	3766282.00	0.00004
366453.66	3766282.00	0.00004	366473.66	3766282.00	0.00004
366493.66	3766282.00	0.00004	364713.66	3766302.00	0.00008
364733.66	3766302.00	0.00009	364753.66	3766302.00	0.00011
364773.66	3766302.00	0.00013	364793.66	3766302.00	0.00015
364813.66	3766302.00	0.00019	364833.66	3766302.00	0.00026
364853.66	3766302.00	0.00036	364873.66	3766302.00	0.00044
364893.66	3766302.00	0.00047	364913.66	3766302.00	0.00046
364933.66	3766302.00	0.00042	364953.66	3766302.00	0.00037
364973.66	3766302.00	0.00032	364993.66	3766302.00	0.00027
365013.66	3766302.00	0.00024	365033.66	3766302.00	0.00024
365053.66	3766302.00	0.00026	365073.66	3766302.00	0.00026
365093.66	3766302.00	0.00023	365113.66	3766302.00	0.00020
365133.66	3766302.00	0.00017	365153.66	3766302.00	0.00014
365173.66	3766302.00	0.00012	365193.66	3766302.00	0.00010
365213.66	3766302.00	0.00009	365233.66	3766302.00	0.00008
365253.66	3766302.00	0.00007	365273.66	3766302.00	0.00007
365293.66	3766302.00	0.00006	365313.66	3766302.00	0.00006
365333.66	3766302.00	0.00006	365353.66	3766302.00	0.00005

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365373.66 3766302.00 0.00005 PM10op.POU.txt 365393.66 3766302.00 0.00005
365413.66 3766302.00 0.00005 365433.66 3766302.00 0.00005
365453.66 3766302.00 0.00005 365473.66 3766302.00 0.00005
365493.66 3766302.00 0.00005 365513.66 3766302.00 0.00005
365533.66 3766302.00 0.00005 365553.66 3766302.00 0.00006
365573.66 3766302.00 0.00006 365593.66 3766302.00 0.00006
365613.66 3766302.00 0.00006 365633.66 3766302.00 0.00007
365653.66 3766302.00 0.00007 365673.66 3766302.00 0.00007
365693.66 3766302.00 0.00007 365713.66 3766302.00 0.00008
365733.66 3766302.00 0.00008 365753.66 3766302.00 0.00008
365773.66 3766302.00 0.00008 365793.66 3766302.00 0.00008
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXP0\Expo HRA\EXP0hra.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

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*** 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
365813.66	3766302.00	0.00008	365833.66	3766302.00	0.00008
365853.66	3766302.00	0.00008	365873.66	3766302.00	0.00008
365893.66	3766302.00	0.00008	365913.66	3766302.00	0.00007
365933.66	3766302.00	0.00007	365953.66	3766302.00	0.00007
365973.66	3766302.00	0.00007	365993.66	3766302.00	0.00007
366013.66	3766302.00	0.00007	366033.66	3766302.00	0.00006
366053.66	3766302.00	0.00006	366073.66	3766302.00	0.00006
366093.66	3766302.00	0.00006	366113.66	3766302.00	0.00006
366133.66	3766302.00	0.00006	366153.66	3766302.00	0.00006
366173.66	3766302.00	0.00006	366193.66	3766302.00	0.00006
366213.66	3766302.00	0.00005	366233.66	3766302.00	0.00005
366253.66	3766302.00	0.00005	366273.66	3766302.00	0.00005
366293.66	3766302.00	0.00005	366313.66	3766302.00	0.00005
366333.66	3766302.00	0.00005	366353.66	3766302.00	0.00005
366373.66	3766302.00	0.00005	366393.66	3766302.00	0.00005
366413.66	3766302.00	0.00005	366433.66	3766302.00	0.00005
366453.66	3766302.00	0.00005	366473.66	3766302.00	0.00005
366493.66	3766302.00	0.00004	366473.66	3766322.00	0.00007
366473.66	3766322.00	0.00008	366473.66	3766322.00	0.00009
3664773.66	3766322.00	0.00010	3664793.66	3766322.00	0.00012
3664813.66	3766322.00	0.00014	3664833.66	3766322.00	0.00018
3664853.66	3766322.00	0.00023	3664873.66	3766322.00	0.00027
3664893.66	3766322.00	0.00030	3664913.66	3766322.00	0.00031
3664933.66	3766322.00	0.00031	3664953.66	3766322.00	0.00030
3664973.66	3766322.00	0.00027	3664993.66	3766322.00	0.00024
3665013.66	3766322.00	0.00022	3665033.66	3766322.00	0.00021
3665053.66	3766322.00	0.00022	3665073.66	3766322.00	0.00021
3665093.66	3766322.00	0.00020	3665113.66	3766322.00	0.00018
3665133.66	3766322.00	0.00015	3665153.66	3766322.00	0.00013
3665173.66	3766322.00	0.00012	3665193.66	3766322.00	0.00010
3665213.66	3766322.00	0.00009	3665233.66	3766322.00	0.00008
3665253.66	3766322.00	0.00008	3665273.66	3766322.00	0.00007
3665293.66	3766322.00	0.00007	3665313.66	3766322.00	0.00006
3665333.66	3766322.00	0.00006	3665353.66	3766322.00	0.00006
3665373.66	3766322.00	0.00006	3665393.66	3766322.00	0.00005
3665413.66	3766322.00	0.00005	3665433.66	3766322.00	0.00005
3665453.66	3766322.00	0.00005	3665473.66	3766322.00	0.00005
3665493.66	3766322.00	0.00006	3665513.66	3766322.00	0.00006
3665533.66	3766322.00	0.00006	3665553.66	3766322.00	0.00006
3665573.66	3766322.00	0.00007	3665593.66	3766322.00	0.00007

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXP0\Expo HRA\EXP0hra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

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*** 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
365613.66	3766322.00	0.00008	365633.66	3766322.00	0.00008
365653.66	3766322.00	0.00008	365673.66	3766322.00	0.00008
365693.66	3766322.00	0.00009	365713.66	3766322.00	0.00009
365733.66	3766322.00	0.00009	365753.66	3766322.00	0.00009
365773.66	3766322.00	0.00009	365793.66	3766322.00	0.00009
365813.66	3766322.00	0.00009	365833.66	3766322.00	0.00009
365853.66	3766322.00	0.00009	365873.66	3766322.00	0.00009
365893.66	3766322.00	0.00008	365913.66	3766322.00	0.00008
365933.66	3766322.00	0.00008	365953.66	3766322.00	0.00008
365973.66	3766322.00	0.00007	365993.66	3766322.00	0.00007
366013.66	3766322.00	0.00007	366033.66	3766322.00	0.00007
366053.66	3766322.00	0.00007	366073.66	3766322.00	0.00007
366093.66	3766322.00	0.00006	366113.66	3766322.00	0.00006
366133.66	3766322.00	0.00006	366153.66	3766322.00	0.00006
366173.66	3766322.00	0.00006	366193.66	3766322.00	0.00006
366213.66	3766322.00	0.00006	366233.66	3766322.00	0.00006
366253.66	3766322.00	0.00006	366273.66	3766322.00	0.00006
366293.66	3766322.00	0.00006	366313.66	3766322.00	0.00006
366333.66	3766322.00	0.00005	366353.66	3766322.00	0.00005
366373.66	3766322.00	0.00005	366393.66	3766322.00	0.00005
366413.66	3766322.00	0.00005	366433.66	3766322.00	0.00005
366453.66	3766322.00	0.00005	366473.66	3766322.00	0.00005
366493.66	3766322.00	0.00005	366473.66	3766342.00	0.00006
366473.66	3766342.00	0.00007	366473.66	3766342.00	0.00007
3664773.66	3766342.00	0.00008	3664793.66	3766342.00	0.00009
3664813.66	3766342.00	0.00011	3664833.66	3766342.00	0.00014
3664853.66	3766342.00	0.00017	3664873.66	3766342.00	0.00019
3664893.66	3766342.00	0.00021	3664913.66	3766342.00	0.00022
3664933.66	3766342.00	0.00023	3664953.66	3766342.00	0.00023
3664973.66	3766342.00	0.00022	3664993.66	3766342.00	0.00021
3665013.66	3766342.00	0.00020	3665033.66	3766342.00	0.00019
3665053.66	3766342.00	0.00019	3665073.66	3766342.00	0.00019
3665093.66	3766342.00	0.00018	3665113.66	3766342.00	0.00016
3665133.66	3766342.00	0.00015	3665153.66	3766342.00	0.00013
3665173.66	3766342.00	0.00012	3665193.66	3766342.00	0.00011

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365213.66 3766342.00 0.00010 PM10op.POU.txt 365233.66 3766342.00 0.00009
365253.66 3766342.00 0.00008 365273.66 3766342.00 0.00008
365293.66 3766342.00 0.00007 365313.66 3766342.00 0.00007
365333.66 3766342.00 0.00006 365353.66 3766342.00 0.00006
365373.66 3766342.00 0.00006 365393.66 3766342.00 0.00006
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
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*** 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
365413.66	3766342.00	0.00006	365433.66	3766342.00	0.00006
365453.66	3766342.00	0.00006	365473.66	3766342.00	0.00006
365493.66	3766342.00	0.00006	365513.66	3766342.00	0.00007
365533.66	3766342.00	0.00007	365553.66	3766342.00	0.00008
365573.66	3766342.00	0.00008	365593.66	3766342.00	0.00008
365613.66	3766342.00	0.00009	365633.66	3766342.00	0.00009
365653.66	3766342.00	0.00009	365673.66	3766342.00	0.00010
365693.66	3766342.00	0.00010	365713.66	3766342.00	0.00010
365733.66	3766342.00	0.00010	365753.66	3766342.00	0.00010
365773.66	3766342.00	0.00010	365793.66	3766342.00	0.00010
365813.66	3766342.00	0.00010	365833.66	3766342.00	0.00010
365853.66	3766342.00	0.00010	365873.66	3766342.00	0.00010
365893.66	3766342.00	0.00009	365913.66	3766342.00	0.00009
365933.66	3766342.00	0.00009	365953.66	3766342.00	0.00008
365973.66	3766342.00	0.00008	365993.66	3766342.00	0.00008
366013.66	3766342.00	0.00008	366033.66	3766342.00	0.00007
366053.66	3766342.00	0.00007	366073.66	3766342.00	0.00007
366093.66	3766342.00	0.00007	366113.66	3766342.00	0.00007
366133.66	3766342.00	0.00007	366153.66	3766342.00	0.00007
366173.66	3766342.00	0.00006	366193.66	3766342.00	0.00006
366213.66	3766342.00	0.00006	366233.66	3766342.00	0.00006
366253.66	3766342.00	0.00006	366273.66	3766342.00	0.00006
366293.66	3766342.00	0.00006	366313.66	3766342.00	0.00006
366333.66	3766342.00	0.00006	366353.66	3766342.00	0.00006
366373.66	3766342.00	0.00006	366393.66	3766342.00	0.00006
366413.66	3766342.00	0.00006	366433.66	3766342.00	0.00005
366453.66	3766342.00	0.00005	366473.66	3766342.00	0.00005
366493.66	3766342.00	0.00005	366513.66	3766342.00	0.00005
366533.66	3766342.00	0.00006	366573.66	3766342.00	0.00006
366573.66	3766342.00	0.00007	366613.66	3766342.00	0.00008
366613.66	3766342.00	0.00009	366653.66	3766342.00	0.00011
366653.66	3766342.00	0.00013	366693.66	3766342.00	0.00014
366693.66	3766342.00	0.00015	366733.66	3766342.00	0.00016
366733.66	3766342.00	0.00017	366773.66	3766342.00	0.00018
366773.66	3766342.00	0.00018	366813.66	3766342.00	0.00018
366813.66	3766342.00	0.00017	366853.66	3766342.00	0.00017
366853.66	3766342.00	0.00017	366893.66	3766342.00	0.00016
366893.66	3766342.00	0.00016	366933.66	3766342.00	0.00015
366933.66	3766342.00	0.00014	366973.66	3766342.00	0.00013
366973.66	3766342.00	0.00012	367013.66	3766342.00	0.00011

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
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*** 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
365213.66	3766362.00	0.00010	365233.66	3766362.00	0.00009
365253.66	3766362.00	0.00008	365273.66	3766362.00	0.00008
365293.66	3766362.00	0.00008	365313.66	3766362.00	0.00007
365333.66	3766362.00	0.00007	365353.66	3766362.00	0.00007
365373.66	3766362.00	0.00007	365393.66	3766362.00	0.00006
365413.66	3766362.00	0.00006	365433.66	3766362.00	0.00006
365453.66	3766362.00	0.00007	365473.66	3766362.00	0.00007
365493.66	3766362.00	0.00008	365513.66	3766362.00	0.00008
365533.66	3766362.00	0.00009	365553.66	3766362.00	0.00009
365573.66	3766362.00	0.00010	365593.66	3766362.00	0.00010
365613.66	3766362.00	0.00010	365633.66	3766362.00	0.00011
365653.66	3766362.00	0.00011	365673.66	3766362.00	0.00011
365693.66	3766362.00	0.00012	365713.66	3766362.00	0.00012
365733.66	3766362.00	0.00012	365753.66	3766362.00	0.00012
365773.66	3766362.00	0.00012	365793.66	3766362.00	0.00012
365813.66	3766362.00	0.00011	365833.66	3766362.00	0.00011
365853.66	3766362.00	0.00011	365873.66	3766362.00	0.00011
365893.66	3766362.00	0.00010	365913.66	3766362.00	0.00010
365933.66	3766362.00	0.00010	365953.66	3766362.00	0.00009
365973.66	3766362.00	0.00009	365993.66	3766362.00	0.00009
366013.66	3766362.00	0.00008	366033.66	3766362.00	0.00008
366053.66	3766362.00	0.00008	366073.66	3766362.00	0.00008
366093.66	3766362.00	0.00008	366113.66	3766362.00	0.00007
366133.66	3766362.00	0.00007	366153.66	3766362.00	0.00007
366173.66	3766362.00	0.00007	366193.66	3766362.00	0.00007
366213.66	3766362.00	0.00007	366233.66	3766362.00	0.00007
366253.66	3766362.00	0.00007	366273.66	3766362.00	0.00007
366293.66	3766362.00	0.00007	366313.66	3766362.00	0.00006
366333.66	3766362.00	0.00006	366353.66	3766362.00	0.00006
366373.66	3766362.00	0.00006	366393.66	3766362.00	0.00006
366413.66	3766362.00	0.00006	366433.66	3766362.00	0.00006
366453.66	3766362.00	0.00006	366473.66	3766362.00	0.00006
366493.66	3766362.00	0.00005	366513.66	3766362.00	0.00005
366533.66	3766362.00	0.00005	366573.66	3766362.00	0.00006
366573.66	3766362.00	0.00006	366613.66	3766362.00	0.00007
366613.66	3766362.00	0.00008	366653.66	3766362.00	0.00009
366653.66	3766362.00	0.00011	366693.66	3766362.00	0.00012
366693.66	3766362.00	0.00012	366733.66	3766362.00	0.00013
366733.66	3766362.00	0.00013	366773.66	3766362.00	0.00014
366773.66	3766362.00	0.00015	366813.66	3766362.00	0.00015

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
365013.66	3766382.00	0.00015	365033.66	3766382.00	0.00015
365053.66	3766382.00	0.00015	365073.66	3766382.00	0.00015
365093.66	3766382.00	0.00014	365113.66	3766382.00	0.00014
365133.66	3766382.00	0.00013	365153.66	3766382.00	0.00012
365173.66	3766382.00	0.00012	365193.66	3766382.00	0.00011
365213.66	3766382.00	0.00010	365233.66	3766382.00	0.00009
365253.66	3766382.00	0.00009	365273.66	3766382.00	0.00009
365293.66	3766382.00	0.00008	365313.66	3766382.00	0.00008
365333.66	3766382.00	0.00008	365353.66	3766382.00	0.00008
365373.66	3766382.00	0.00007	365393.66	3766382.00	0.00007
365413.66	3766382.00	0.00007	365433.66	3766382.00	0.00007
365453.66	3766382.00	0.00008	365473.66	3766382.00	0.00008
365493.66	3766382.00	0.00009	365513.66	3766382.00	0.00010
365533.66	3766382.00	0.00011	365553.66	3766382.00	0.00012
365573.66	3766382.00	0.00012	365593.66	3766382.00	0.00012
365613.66	3766382.00	0.00013	365633.66	3766382.00	0.00013
365653.66	3766382.00	0.00013	365673.66	3766382.00	0.00014
365693.66	3766382.00	0.00014	365713.66	3766382.00	0.00014
365733.66	3766382.00	0.00014	365753.66	3766382.00	0.00014
365773.66	3766382.00	0.00014	365793.66	3766382.00	0.00014
365813.66	3766382.00	0.00013	365833.66	3766382.00	0.00013
365853.66	3766382.00	0.00012	365873.66	3766382.00	0.00012
365893.66	3766382.00	0.00012	365913.66	3766382.00	0.00011
365933.66	3766382.00	0.00011	365953.66	3766382.00	0.00010
365973.66	3766382.00	0.00010	365993.66	3766382.00	0.00009
366013.66	3766382.00	0.00009	366033.66	3766382.00	0.00009
366053.66	3766382.00	0.00009	366073.66	3766382.00	0.00009
366093.66	3766382.00	0.00008	366113.66	3766382.00	0.00008
366133.66	3766382.00	0.00008	366153.66	3766382.00	0.00008
366173.66	3766382.00	0.00008	366193.66	3766382.00	0.00008
366213.66	3766382.00	0.00008	366233.66	3766382.00	0.00007
366253.66	3766382.00	0.00007	366273.66	3766382.00	0.00007
366293.66	3766382.00	0.00007	366313.66	3766382.00	0.00007
366333.66	3766382.00	0.00007	366353.66	3766382.00	0.00007
366373.66	3766382.00	0.00007	366393.66	3766382.00	0.00007
366413.66	3766382.00	0.00006	366433.66	3766382.00	0.00006
366453.66	3766382.00	0.00006	366473.66	3766382.00	0.00006
366493.66	3766382.00	0.00006	366493.66	3766402.00	0.00004
366473.66	3766402.00	0.00005	366473.66	3766402.00	0.00005
3664773.66	3766402.00	0.00006	3664793.66	3766402.00	0.00006

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
364813.66	3766402.00	0.00007	364833.66	3766402.00	0.00008
364853.66	3766402.00	0.00009	364873.66	3766402.00	0.00010
364893.66	3766402.00	0.00010	364913.66	3766402.00	0.00010
364933.66	3766402.00	0.00011	364953.66	3766402.00	0.00012
364973.66	3766402.00	0.00012	364993.66	3766402.00	0.00013
365013.66	3766402.00	0.00013	365033.66	3766402.00	0.00013
365053.66	3766402.00	0.00013	365073.66	3766402.00	0.00013
365093.66	3766402.00	0.00013	365113.66	3766402.00	0.00013
365133.66	3766402.00	0.00012	365153.66	3766402.00	0.00012
365173.66	3766402.00	0.00011	365193.66	3766402.00	0.00011
365213.66	3766402.00	0.00010	365233.66	3766402.00	0.00010
365253.66	3766402.00	0.00009	365273.66	3766402.00	0.00009
365293.66	3766402.00	0.00009	365313.66	3766402.00	0.00009
365333.66	3766402.00	0.00009	365353.66	3766402.00	0.00009
365373.66	3766402.00	0.00009	365393.66	3766402.00	0.00009
365413.66	3766402.00	0.00009	365433.66	3766402.00	0.00009
365453.66	3766402.00	0.00009	365473.66	3766402.00	0.00011
365493.66	3766402.00	0.00013	365513.66	3766402.00	0.00014
365533.66	3766402.00	0.00015	365553.66	3766402.00	0.00016
365573.66	3766402.00	0.00016	365593.66	3766402.00	0.00016
365613.66	3766402.00	0.00016	365633.66	3766402.00	0.00016
365653.66	3766402.00	0.00017	365673.66	3766402.00	0.00017
365693.66	3766402.00	0.00017	365713.66	3766402.00	0.00017
365733.66	3766402.00	0.00017	365753.66	3766402.00	0.00017
365773.66	3766402.00	0.00017	365793.66	3766402.00	0.00016
365813.66	3766402.00	0.00016	365833.66	3766402.00	0.00015
365853.66	3766402.00	0.00014	365873.66	3766402.00	0.00014
365893.66	3766402.00	0.00013	365913.66	3766402.00	0.00012
365933.66	3766402.00	0.00012	365953.66	3766402.00	0.00011
365973.66	3766402.00	0.00011	365993.66	3766402.00	0.00011
366013.66	3766402.00	0.00010	366033.66	3766402.00	0.00010
366053.66	3766402.00	0.00010	366073.66	3766402.00	0.00009
366093.66	3766402.00	0.00009	366113.66	3766402.00	0.00009
366133.66	3766402.00	0.00009	366153.66	3766402.00	0.00009
366173.66	3766402.00	0.00008	366193.66	3766402.00	0.00008
366213.66	3766402.00	0.00008	366233.66	3766402.00	0.00008
366253.66	3766402.00	0.00008	366273.66	3766402.00	0.00008
366293.66	3766402.00	0.00008	366313.66	3766402.00	0.00008
366333.66	3766402.00	0.00008	366353.66	3766402.00	0.00007
366373.66	3766402.00	0.00007	366393.66	3766402.00	0.00007

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,

PM10op.POU.txt
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
366413.66	3766402.00	0.00007	366433.66	3766402.00	0.00007
366453.66	3766402.00	0.00007	366473.66	3766402.00	0.00006
366493.66	3766402.00	0.00006	364713.66	3766422.00	0.00004
364733.66	3766422.00	0.00004	364753.66	3766422.00	0.00005
364773.66	3766422.00	0.00005	364793.66	3766422.00	0.00006
364813.66	3766422.00	0.00006	364833.66	3766422.00	0.00007
364853.66	3766422.00	0.00008	364873.66	3766422.00	0.00008
364893.66	3766422.00	0.00009	364913.66	3766422.00	0.00009
364933.66	3766422.00	0.00009	364953.66	3766422.00	0.00010
364973.66	3766422.00	0.00010	364993.66	3766422.00	0.00011
365013.66	3766422.00	0.00011	365033.66	3766422.00	0.00012
365053.66	3766422.00	0.00012	365073.66	3766422.00	0.00012
365093.66	3766422.00	0.00012	365113.66	3766422.00	0.00012
365133.66	3766422.00	0.00012	365153.66	3766422.00	0.00011
365173.66	3766422.00	0.00011	365193.66	3766422.00	0.00011
365213.66	3766422.00	0.00010	365233.66	3766422.00	0.00010
365253.66	3766422.00	0.00010	365273.66	3766422.00	0.00010
365293.66	3766422.00	0.00010	365313.66	3766422.00	0.00010
365333.66	3766422.00	0.00010	365353.66	3766422.00	0.00010
365373.66	3766422.00	0.00010	365393.66	3766422.00	0.00011
365413.66	3766422.00	0.00011	365433.66	3766422.00	0.00012
365453.66	3766422.00	0.00013	365473.66	3766422.00	0.00016
365493.66	3766422.00	0.00020	365513.66	3766422.00	0.00022
365533.66	3766422.00	0.00022	365553.66	3766422.00	0.00022
365573.66	3766422.00	0.00021	365593.66	3766422.00	0.00021
365613.66	3766422.00	0.00021	365633.66	3766422.00	0.00021
365653.66	3766422.00	0.00022	365673.66	3766422.00	0.00022
365693.66	3766422.00	0.00022	365713.66	3766422.00	0.00022
365733.66	3766422.00	0.00022	365753.66	3766422.00	0.00021
365773.66	3766422.00	0.00020	365793.66	3766422.00	0.00019
365813.66	3766422.00	0.00018	365833.66	3766422.00	0.00017
365853.66	3766422.00	0.00017	365873.66	3766422.00	0.00016
365893.66	3766422.00	0.00015	365913.66	3766422.00	0.00014
365933.66	3766422.00	0.00014	365953.66	3766422.00	0.00013
365973.66	3766422.00	0.00012	365993.66	3766422.00	0.00012
366013.66	3766422.00	0.00012	366033.66	3766422.00	0.00011
366053.66	3766422.00	0.00011	366073.66	3766422.00	0.00010
366093.66	3766422.00	0.00010	366113.66	3766422.00	0.00010
366133.66	3766422.00	0.00010	366153.66	3766422.00	0.00010
366173.66	3766422.00	0.00009	366193.66	3766422.00	0.00009

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
366213.66	3766422.00	0.00009	366233.66	3766422.00	0.00009
366253.66	3766422.00	0.00009	366273.66	3766422.00	0.00009
366293.66	3766422.00	0.00009	366313.66	3766422.00	0.00008
366333.66	3766422.00	0.00008	366353.66	3766422.00	0.00008
366373.66	3766422.00	0.00008	366393.66	3766422.00	0.00008
366413.66	3766422.00	0.00007	366433.66	3766422.00	0.00007
366453.66	3766422.00	0.00007	366473.66	3766422.00	0.00007
366493.66	3766422.00	0.00007	364713.66	3766442.00	0.00004
364733.66	3766442.00	0.00004	364753.66	3766442.00	0.00004
364773.66	3766442.00	0.00005	364793.66	3766442.00	0.00005
364813.66	3766442.00	0.00006	364833.66	3766442.00	0.00006
364853.66	3766442.00	0.00007	364873.66	3766442.00	0.00007
364893.66	3766442.00	0.00008	364913.66	3766442.00	0.00008
364933.66	3766442.00	0.00008	364953.66	3766442.00	0.00008
364973.66	3766442.00	0.00009	364993.66	3766442.00	0.00010
365013.66	3766442.00	0.00010	365033.66	3766442.00	0.00010
365053.66	3766442.00	0.00011	365073.66	3766442.00	0.00011
365093.66	3766442.00	0.00011	365113.66	3766442.00	0.00011
365133.66	3766442.00	0.00011	365153.66	3766442.00	0.00011
365173.66	3766442.00	0.00011	365193.66	3766442.00	0.00011
365213.66	3766442.00	0.00010	365233.66	3766442.00	0.00010
365253.66	3766442.00	0.00010	365273.66	3766442.00	0.00010
365293.66	3766442.00	0.00010	365313.66	3766442.00	0.00011
365333.66	3766442.00	0.00011	365353.66	3766442.00	0.00012
365373.66	3766442.00	0.00013	365393.66	3766442.00	0.00014
365413.66	3766442.00	0.00016	365433.66	3766442.00	0.00018
365453.66	3766442.00	0.00021	365473.66	3766442.00	0.00035
365493.66	3766442.00	0.00041	365513.66	3766442.00	0.00039
365533.66	3766442.00	0.00036	365553.66	3766442.00	0.00034
365573.66	3766442.00	0.00032	365593.66	3766442.00	0.00031
365613.66	3766442.00	0.00030	365633.66	3766442.00	0.00030
365653.66	3766442.00	0.00030	365673.66	3766442.00	0.00030
365693.66	3766442.00	0.00030	365713.66	3766442.00	0.00029
365733.66	3766442.00	0.00028	365753.66	3766442.00	0.00027
365773.66	3766442.00	0.00025	365793.66	3766442.00	0.00024
365813.66	3766442.00	0.00022	365833.66	3766442.00	0.00021
365853.66	3766442.00	0.00020	365873.66	3766442.00	0.00018
365893.66	3766442.00	0.00017	365913.66	3766442.00	0.00017
365933.66	3766442.00	0.00016	365953.66	3766442.00	0.00015
365973.66	3766442.00	0.00014	365993.66	3766442.00	0.00014

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
366013.66	3766442.00	0.00013	366033.66	3766442.00	0.00013
366053.66	3766442.00	0.00012	366073.66	3766442.00	0.00012
366093.66	3766442.00	0.00011	366113.66	3766442.00	0.00011
366133.66	3766442.00	0.00011	366153.66	3766442.00	0.00011
366173.66	3766442.00	0.00011	366193.66	3766442.00	0.00010
366213.66	3766442.00	0.00010	366233.66	3766442.00	0.00010
366253.66	3766442.00	0.00010	366273.66	3766442.00	0.00010
366293.66	3766442.00	0.00010	366313.66	3766442.00	0.00009
366333.66	3766442.00	0.00009	366353.66	3766442.00	0.00009
366373.66	3766442.00	0.00009	366393.66	3766442.00	0.00008
366413.66	3766442.00	0.00008	366433.66	3766442.00	0.00008
366453.66	3766442.00	0.00008	366473.66	3766442.00	0.00007
366493.66	3766442.00	0.00007	364713.66	3766462.00	0.00004
364733.66	3766462.00	0.00004	364753.66	3766462.00	0.00004
364773.66	3766462.00	0.00004	364793.66	3766462.00	0.00005
364813.66	3766462.00	0.00005	364833.66	3766462.00	0.00006
364853.66	3766462.00	0.00006	364873.66	3766462.00	0.00007
364893.66	3766462.00	0.00007	364913.66	3766462.00	0.00007
364933.66	3766462.00	0.00007	364953.66	3766462.00	0.00007
364973.66	3766462.00	0.00008	364993.66	3766462.00	0.00008
365013.66	3766462.00	0.00009	365033.66	3766462.00	0.00009
365053.66	3766462.00	0.00010	365073.66	3766462.00	0.00010
365093.66	3766462.00	0.00010	365113.66	3766462.00	0.00010
365133.66	3766462.00	0.00010	365153.66	3766462.00	0.00010
365173.66	3766462.00	0.00010	365193.66	3766462.00	0.00010
365213.66	3766462.00	0.00010	365233.66	3766462.00	0.00010
365253.66	3766462.00	0.00011	365273.66	3766462.00	0.00011
365293.66	3766462.00	0.00011	365313.66	3766462.00	0.00012
365333.66	3766462.00	0.00012	365353.66	3766462.00	0.00013
365373.66	3766462.00	0.00015	365393.66	3766462.00	0.00018
365413.66	3766462.00	0.00024	365433.66	3766462.00	0.00037
365453.66	3766462.00	0.00038	365473.66	3766462.00	0.00031
365493.66	3766462.00	0.00094	365513.66	3766462.00	0.00088
365533.66	3766462.00	0.00076	365553.66	3766462.00	0.00064
365573.66	3766462.00	0.00056	365593.66	3766462.00	0.00051
365613.66	3766462.00	0.00048	365633.66	3766462.00	0.00048
365653.66	3766462.00	0.00047	365673.66	3766462.00	0.00045
365693.66	3766462.00	0.00043	365713.66	3766462.00	0.00041
365733.66	3766462.00	0.00038	365753.66	3766462.00	0.00036
365773.66	3766462.00	0.00033	365793.66	3766462.00	0.00030

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
 L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
 L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
365813.66	3766462.00	0.00028	365833.66	3766462.00	0.00025
365853.66	3766462.00	0.00024	365873.66	3766462.00	0.00022
365893.66	3766462.00	0.00021	365913.66	3766462.00	0.00020
365933.66	3766462.00	0.00019	365953.66	3766462.00	0.00018
365973.66	3766462.00	0.00017	365993.66	3766462.00	0.00016
366013.66	3766462.00	0.00015	366033.66	3766462.00	0.00014
366053.66	3766462.00	0.00014	366073.66	3766462.00	0.00013
366093.66	3766462.00	0.00013	366113.66	3766462.00	0.00013
366133.66	3766462.00	0.00012	366153.66	3766462.00	0.00012
366173.66	3766462.00	0.00012	366193.66	3766462.00	0.00012
366213.66	3766462.00	0.00012	366233.66	3766462.00	0.00011
366253.66	3766462.00	0.00011	366273.66	3766462.00	0.00011
366293.66	3766462.00	0.00011	366313.66	3766462.00	0.00010
366333.66	3766462.00	0.00010	366353.66	3766462.00	0.00010
366373.66	3766462.00	0.00009	366393.66	3766462.00	0.00009
366413.66	3766462.00	0.00009	366433.66	3766462.00	0.00009
366453.66	3766462.00	0.00008	366473.66	3766462.00	0.00008
366493.66	3766462.00	0.00008	364713.66	3766482.00	0.00003
364733.66	3766482.00	0.00004	364753.66	3766482.00	0.00004
364773.66	3766482.00	0.00004	364793.66	3766482.00	0.00004
364813.66	3766482.00	0.00005	364833.66	3766482.00	0.00005
364853.66	3766482.00	0.00006	364873.66	3766482.00	0.00006
364893.66	3766482.00	0.00006	364913.66	3766482.00	0.00006
364933.66	3766482.00	0.00006	364953.66	3766482.00	0.00007
364973.66	3766482.00	0.00007	364993.66	3766482.00	0.00007
365013.66	3766482.00	0.00008	365033.66	3766482.00	0.00008
365053.66	3766482.00	0.00009	365073.66	3766482.00	0.00009
365093.66	3766482.00	0.00009	365113.66	3766482.00	0.00009
365133.66	3766482.00	0.00010	365153.66	3766482.00	0.00010
365173.66	3766482.00	0.00010	365193.66	3766482.00	0.00010
365213.66	3766482.00	0.00010	365233.66	3766482.00	0.00010
365253.66	3766482.00	0.00011	365273.66	3766482.00	0.00011
365293.66	3766482.00	0.00011	365313.66	3766482.00	0.00012
365333.66	3766482.00	0.00013	365353.66	3766482.00	0.00014
365373.66	3766482.00	0.00017	365393.66	3766482.00	0.00020
365413.66	3766482.00	0.00027	365433.66	3766482.00	0.00043
365453.66	3766482.00	0.00095	365473.66	3766482.00	0.00133
365493.66	3766482.00	0.00155	365513.66	3766482.00	0.00131
365533.66	3766482.00	0.00114	365553.66	3766482.00	0.00095
365573.66	3766482.00	0.00114	365593.66	3766482.00	0.00104

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
 L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
 L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
365613.66	3766482.00	0.00096	365633.66	3766482.00	0.00090
365653.66	3766482.00	0.00082	365673.66	3766482.00	0.00074
365693.66	3766482.00	0.00067	365713.66	3766482.00	0.00061


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                                     PM10op.POU.txt
365733.66      3766482.00      0.00056      365753.66      3766482.00      0.00050
365773.66      3766482.00      0.00045      365793.66      3766482.00      0.00040
365813.66      3766482.00      0.00036      365833.66      3766482.00      0.00032
365853.66      3766482.00      0.00029      365873.66      3766482.00      0.00027
365893.66      3766482.00      0.00026      365913.66      3766482.00      0.00024
365933.66      3766482.00      0.00023      365953.66      3766482.00      0.00021
365973.66      3766482.00      0.00020      365993.66      3766482.00      0.00019
366013.66      3766482.00      0.00018      366033.66      3766482.00      0.00017
366053.66      3766482.00      0.00016      366073.66      3766482.00      0.00015
366093.66      3766482.00      0.00015      366113.66      3766482.00      0.00015
366133.66      3766482.00      0.00014      366153.66      3766482.00      0.00014
366173.66      3766482.00      0.00014      366193.66      3766482.00      0.00013
366213.66      3766482.00      0.00013      366233.66      3766482.00      0.00013
366253.66      3766482.00      0.00013      366273.66      3766482.00      0.00012
366293.66      3766482.00      0.00012      366313.66      3766482.00      0.00011
366333.66      3766482.00      0.00011      366353.66      3766482.00      0.00011
366373.66      3766482.00      0.00010      366393.66      3766482.00      0.00010
366413.66      3766482.00      0.00010      366433.66      3766482.00      0.00009
366453.66      3766482.00      0.00009      366473.66      3766482.00      0.00009
366493.66      3766482.00      0.00008      364713.66      3766502.00      0.00003
364733.66      3766502.00      0.00003      364753.66      3766502.00      0.00004
364773.66      3766502.00      0.00004      364793.66      3766502.00      0.00004
364813.66      3766502.00      0.00004      364833.66      3766502.00      0.00005
364853.66      3766502.00      0.00005      364873.66      3766502.00      0.00005
364893.66      3766502.00      0.00006      364913.66      3766502.00      0.00006
364933.66      3766502.00      0.00006      364953.66      3766502.00      0.00006
364973.66      3766502.00      0.00006      364993.66      3766502.00      0.00007
365013.66      3766502.00      0.00007      365033.66      3766502.00      0.00008
365053.66      3766502.00      0.00008      365073.66      3766502.00      0.00008
365093.66      3766502.00      0.00009      365113.66      3766502.00      0.00009
365133.66      3766502.00      0.00009      365153.66      3766502.00      0.00009
365173.66      3766502.00      0.00009      365193.66      3766502.00      0.00010
365213.66      3766502.00      0.00010      365233.66      3766502.00      0.00010
365253.66      3766502.00      0.00010      365273.66      3766502.00      0.00011
365293.66      3766502.00      0.00011      365313.66      3766502.00      0.00012
365333.66      3766502.00      0.00013      365353.66      3766502.00      0.00015
365373.66      3766502.00      0.00017      365393.66      3766502.00      0.00020
1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc      ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S):      L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
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*** 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
365413.66	3766502.00	0.00025	365433.66	3766502.00	0.00034
365453.66	3766502.00	0.00051	365473.66	3766502.00	0.00089
365493.66	3766502.00	0.00142	365513.66	3766502.00	0.00171
365533.66	3766502.00	0.00128	365553.66	3766502.00	0.00135
365573.66	3766502.00	0.00116	365593.66	3766502.00	0.00151
365613.66	3766502.00	0.00133	365633.66	3766502.00	0.00143
365653.66	3766502.00	0.00178	365673.66	3766502.00	0.00154
365693.66	3766502.00	0.00127	365713.66	3766502.00	0.00107
365733.66	3766502.00	0.00091	365753.66	3766502.00	0.00078
365773.66	3766502.00	0.00066	365793.66	3766502.00	0.00056
365813.66	3766502.00	0.00048	365833.66	3766502.00	0.00042
365853.66	3766502.00	0.00038	365873.66	3766502.00	0.00035
365893.66	3766502.00	0.00033	365913.66	3766502.00	0.00031
365933.66	3766502.00	0.00028	365953.66	3766502.00	0.00026
365973.66	3766502.00	0.00024	365993.66	3766502.00	0.00022
366013.66	3766502.00	0.00021	366033.66	3766502.00	0.00020
366053.66	3766502.00	0.00019	366073.66	3766502.00	0.00018
366093.66	3766502.00	0.00018	366113.66	3766502.00	0.00017
366133.66	3766502.00	0.00017	366153.66	3766502.00	0.00016
366173.66	3766502.00	0.00016	366193.66	3766502.00	0.00015
366213.66	3766502.00	0.00015	366233.66	3766502.00	0.00015
366253.66	3766502.00	0.00014	366273.66	3766502.00	0.00014
366293.66	3766502.00	0.00013	366313.66	3766502.00	0.00013
366333.66	3766502.00	0.00012	366353.66	3766502.00	0.00012
366373.66	3766502.00	0.00011	366393.66	3766502.00	0.00011
366413.66	3766502.00	0.00011	366433.66	3766502.00	0.00010
366453.66	3766502.00	0.00010	366473.66	3766502.00	0.00009
366493.66	3766502.00	0.00009	364713.66	3766522.00	0.00003
364733.66	3766522.00	0.00003	364753.66	3766522.00	0.00003
364773.66	3766522.00	0.00004	364793.66	3766522.00	0.00004
364813.66	3766522.00	0.00004	364833.66	3766522.00	0.00005
364853.66	3766522.00	0.00005	364873.66	3766522.00	0.00005
364893.66	3766522.00	0.00005	364913.66	3766522.00	0.00005
364933.66	3766522.00	0.00005	364953.66	3766522.00	0.00006
364973.66	3766522.00	0.00006	364993.66	3766522.00	0.00006
365013.66	3766522.00	0.00007	365033.66	3766522.00	0.00007
365053.66	3766522.00	0.00007	365073.66	3766522.00	0.00008
365093.66	3766522.00	0.00008	365113.66	3766522.00	0.00008
365133.66	3766522.00	0.00008	365153.66	3766522.00	0.00009
365173.66	3766522.00	0.00009	365193.66	3766522.00	0.00009

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S):      L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
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*** 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
365213.66	3766522.00	0.00010	365233.66	3766522.00	0.00010
365253.66	3766522.00	0.00010	365273.66	3766522.00	0.00011
365293.66	3766522.00	0.00011	365313.66	3766522.00	0.00012
365333.66	3766522.00	0.00013	365353.66	3766522.00	0.00014
365373.66	3766522.00	0.00016	365393.66	3766522.00	0.00018
365413.66	3766522.00	0.00022	365433.66	3766522.00	0.00027
365453.66	3766522.00	0.00036	365473.66	3766522.00	0.00050
365493.66	3766522.00	0.00069	365513.66	3766522.00	0.00094
365533.66	3766522.00	0.00123	365553.66	3766522.00	0.00157

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365573.66 3766522.00 0.00196 PM10op.POU.txt 365593.66 3766522.00 0.00180
365613.66 3766522.00 0.00173 365633.66 3766522.00 0.00219
365653.66 3766522.00 0.00215 365673.66 3766522.00 0.00187
365693.66 3766522.00 0.00191 365713.66 3766522.00 0.00188
365733.66 3766522.00 0.00185 365753.66 3766522.00 0.00146
365773.66 3766522.00 0.00109 365793.66 3766522.00 0.00086
365813.66 3766522.00 0.00071 365833.66 3766522.00 0.00060
365853.66 3766522.00 0.00053 365873.66 3766522.00 0.00048
365893.66 3766522.00 0.00045 365913.66 3766522.00 0.00041
365933.66 3766522.00 0.00037 365953.66 3766522.00 0.00033
365973.66 3766522.00 0.00030 365993.66 3766522.00 0.00027
366013.66 3766522.00 0.00025 366033.66 3766522.00 0.00024
366053.66 3766522.00 0.00023 366073.66 3766522.00 0.00022
366093.66 3766522.00 0.00021 366113.66 3766522.00 0.00020
366133.66 3766522.00 0.00020 366153.66 3766522.00 0.00019
366173.66 3766522.00 0.00019 366193.66 3766522.00 0.00018
366213.66 3766522.00 0.00017 366233.66 3766522.00 0.00017
366253.66 3766522.00 0.00016 366273.66 3766522.00 0.00016
366293.66 3766522.00 0.00015 366313.66 3766522.00 0.00015
366333.66 3766522.00 0.00014 366353.66 3766522.00 0.00013
366373.66 3766522.00 0.00013 366393.66 3766522.00 0.00012
366413.66 3766522.00 0.00012 366433.66 3766522.00 0.00011
366453.66 3766522.00 0.00011 366473.66 3766522.00 0.00010
366493.66 3766522.00 0.00010 364713.66 3766542.00 0.00003
364733.66 3766542.00 0.00003 364753.66 3766542.00 0.00003
364773.66 3766542.00 0.00003 364793.66 3766542.00 0.00004
364813.66 3766542.00 0.00004 364833.66 3766542.00 0.00004
364853.66 3766542.00 0.00004 364873.66 3766542.00 0.00005
364893.66 3766542.00 0.00005 364913.66 3766542.00 0.00005
364933.66 3766542.00 0.00005 364953.66 3766542.00 0.00005
364973.66 3766542.00 0.00005 364993.66 3766542.00 0.00006
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

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*** 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
365013.66	3766542.00	0.00006	365033.66	3766542.00	0.00006
365053.66	3766542.00	0.00007	365073.66	3766542.00	0.00007
365093.66	3766542.00	0.00007	365113.66	3766542.00	0.00008
365133.66	3766542.00	0.00008	365153.66	3766542.00	0.00008
365173.66	3766542.00	0.00008	365193.66	3766542.00	0.00009
365213.66	3766542.00	0.00009	365233.66	3766542.00	0.00009
365253.66	3766542.00	0.00010	365273.66	3766542.00	0.00010
365293.66	3766542.00	0.00011	365313.66	3766542.00	0.00011
365333.66	3766542.00	0.00012	365353.66	3766542.00	0.00013
365373.66	3766542.00	0.00015	365393.66	3766542.00	0.00017
365413.66	3766542.00	0.00019	365433.66	3766542.00	0.00023
365453.66	3766542.00	0.00028	365473.66	3766542.00	0.00035
365493.66	3766542.00	0.00045	365513.66	3766542.00	0.00057
365533.66	3766542.00	0.00072	365553.66	3766542.00	0.00090
365573.66	3766542.00	0.00112	365593.66	3766542.00	0.00146
365613.66	3766542.00	0.00202	365633.66	3766542.00	0.00274
365653.66	3766542.00	0.00310	365673.66	3766542.00	0.00325
365693.66	3766542.00	0.00294	365713.66	3766542.00	0.00280
365733.66	3766542.00	0.00235	365753.66	3766542.00	0.00199
365773.66	3766542.00	0.00164	365793.66	3766542.00	0.00145
365813.66	3766542.00	0.00122	365833.66	3766542.00	0.00100
365853.66	3766542.00	0.00084	365873.66	3766542.00	0.00075
365893.66	3766542.00	0.00068	365913.66	3766542.00	0.00059
365933.66	3766542.00	0.00051	365953.66	3766542.00	0.00043
365973.66	3766542.00	0.00038	365993.66	3766542.00	0.00034
366013.66	3766542.00	0.00031	366033.66	3766542.00	0.00029
366053.66	3766542.00	0.00028	366073.66	3766542.00	0.00027
366093.66	3766542.00	0.00026	366113.66	3766542.00	0.00025
366133.66	3766542.00	0.00024	366153.66	3766542.00	0.00023
366173.66	3766542.00	0.00022	366193.66	3766542.00	0.00021
366213.66	3766542.00	0.00020	366233.66	3766542.00	0.00020
366253.66	3766542.00	0.00019	366273.66	3766542.00	0.00018
366293.66	3766542.00	0.00017	366313.66	3766542.00	0.00017
366333.66	3766542.00	0.00016	366353.66	3766542.00	0.00015
366373.66	3766542.00	0.00014	366393.66	3766542.00	0.00014
366413.66	3766542.00	0.00013	366433.66	3766542.00	0.00012
366453.66	3766542.00	0.00012	366473.66	3766542.00	0.00011
366493.66	3766542.00	0.00010	364713.66	3766562.00	0.00003
364733.66	3766562.00	0.00003	364753.66	3766562.00	0.00003
364773.66	3766562.00	0.00003	364793.66	3766562.00	0.00004

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

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*** 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
364813.66	3766562.00	0.00004	364833.66	3766562.00	0.00004
364853.66	3766562.00	0.00004	364873.66	3766562.00	0.00004
364893.66	3766562.00	0.00005	364913.66	3766562.00	0.00005
364933.66	3766562.00	0.00005	364953.66	3766562.00	0.00005
364973.66	3766562.00	0.00005	364993.66	3766562.00	0.00005
365013.66	3766562.00	0.00006	365033.66	3766562.00	0.00006
365053.66	3766562.00	0.00006	365073.66	3766562.00	0.00007
365093.66	3766562.00	0.00007	365113.66	3766562.00	0.00007
365133.66	3766562.00	0.00007	365153.66	3766562.00	0.00008
365173.66	3766562.00	0.00008	365193.66	3766562.00	0.00008
365213.66	3766562.00	0.00009	365233.66	3766562.00	0.00009
365253.66	3766562.00	0.00009	365273.66	3766562.00	0.00010
365293.66	3766562.00	0.00010	365313.66	3766562.00	0.00011
365333.66	3766562.00	0.00012	365353.66	3766562.00	0.00013
365373.66	3766562.00	0.00014	365393.66	3766562.00	0.00015

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                                PM10op.POU.txt
365413.66 3766562.00 0.00017 365433.66 3766562.00 0.00020
365453.66 3766562.00 0.00023 365473.66 3766562.00 0.00028
365493.66 3766562.00 0.00033 365513.66 3766562.00 0.00041
365533.66 3766562.00 0.00049 365553.66 3766562.00 0.00060
365573.66 3766562.00 0.00072 365593.66 3766562.00 0.00088
365613.66 3766562.00 0.00110 365633.66 3766562.00 0.00139
365653.66 3766562.00 0.00174 365673.66 3766562.00 0.00215
365693.66 3766562.00 0.00266 365713.66 3766562.00 0.00314
365733.66 3766562.00 0.00276 365753.66 3766562.00 0.00272
365773.66 3766562.00 0.00208 365793.66 3766562.00 0.00169
365813.66 3766562.00 0.00141 365833.66 3766562.00 0.00124
365853.66 3766562.00 0.00138 365873.66 3766562.00 0.00106
365893.66 3766562.00 0.00131 365913.66 3766562.00 0.00111
365933.66 3766562.00 0.00078 365953.66 3766562.00 0.00062
365973.66 3766562.00 0.00053 365993.66 3766562.00 0.00046
366013.66 3766562.00 0.00042 366033.66 3766562.00 0.00039
366053.66 3766562.00 0.00037 366073.66 3766562.00 0.00035
366093.66 3766562.00 0.00034 366113.66 3766562.00 0.00032
366133.66 3766562.00 0.00030 366153.66 3766562.00 0.00029
366173.66 3766562.00 0.00027 366193.66 3766562.00 0.00026
366213.66 3766562.00 0.00025 366233.66 3766562.00 0.00023
366253.66 3766562.00 0.00022 366273.66 3766562.00 0.00021
366293.66 3766562.00 0.00020 366313.66 3766562.00 0.00019
366333.66 3766562.00 0.00018 366353.66 3766562.00 0.00017
366373.66 3766562.00 0.00016 366393.66 3766562.00 0.00015
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

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*** 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
366413.66	3766562.00	0.00014	366433.66	3766562.00	0.00014
366453.66	3766562.00	0.00013	366473.66	3766562.00	0.00012
366493.66	3766562.00	0.00011	364713.66	3766582.00	0.00003
364733.66	3766582.00	0.00003	364753.66	3766582.00	0.00003
364773.66	3766582.00	0.00003	364793.66	3766582.00	0.00003
364813.66	3766582.00	0.00004	364833.66	3766582.00	0.00004
364853.66	3766582.00	0.00004	364873.66	3766582.00	0.00004
364893.66	3766582.00	0.00004	364913.66	3766582.00	0.00004
364933.66	3766582.00	0.00005	364953.66	3766582.00	0.00005
364973.66	3766582.00	0.00005	364993.66	3766582.00	0.00005
365013.66	3766582.00	0.00005	365033.66	3766582.00	0.00006
365053.66	3766582.00	0.00006	365073.66	3766582.00	0.00006
365093.66	3766582.00	0.00006	365113.66	3766582.00	0.00007
365133.66	3766582.00	0.00007	365153.66	3766582.00	0.00007
365173.66	3766582.00	0.00008	365193.66	3766582.00	0.00008
365213.66	3766582.00	0.00008	365233.66	3766582.00	0.00009
365253.66	3766582.00	0.00009	365273.66	3766582.00	0.00009
365293.66	3766582.00	0.00010	365313.66	3766582.00	0.00010
365333.66	3766582.00	0.00011	365353.66	3766582.00	0.00012
365373.66	3766582.00	0.00013	365393.66	3766582.00	0.00014
365413.66	3766582.00	0.00015	365433.66	3766582.00	0.00017
365453.66	3766582.00	0.00020	365473.66	3766582.00	0.00023
365493.66	3766582.00	0.00027	365513.66	3766582.00	0.00031
365533.66	3766582.00	0.00037	365553.66	3766582.00	0.00043
365573.66	3766582.00	0.00051	365593.66	3766582.00	0.00060
365613.66	3766582.00	0.00072	365633.66	3766582.00	0.00086
365653.66	3766582.00	0.00102	365673.66	3766582.00	0.00120
365693.66	3766582.00	0.00140	365713.66	3766582.00	0.00162
365733.66	3766582.00	0.00184	365753.66	3766582.00	0.00201
365773.66	3766582.00	0.00210	365793.66	3766582.00	0.00216
365813.66	3766582.00	0.00202	365833.66	3766582.00	0.00216
365853.66	3766582.00	0.00185	365873.66	3766582.00	0.00181
365893.66	3766582.00	0.00209	365913.66	3766582.00	0.00300
365933.66	3766582.00	0.00126	365953.66	3766582.00	0.00104
365973.66	3766582.00	0.00087	365993.66	3766582.00	0.00073
366013.66	3766582.00	0.00063	366033.66	3766582.00	0.00058
366053.66	3766582.00	0.00054	366073.66	3766582.00	0.00051
366093.66	3766582.00	0.00047	366113.66	3766582.00	0.00043
366133.66	3766582.00	0.00040	366153.66	3766582.00	0.00037
366173.66	3766582.00	0.00035	366193.66	3766582.00	0.00033

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

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*** 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
366213.66	3766582.00	0.00031	366233.66	3766582.00	0.00029
366253.66	3766582.00	0.00027	366273.66	3766582.00	0.00026
366293.66	3766582.00	0.00024	366313.66	3766582.00	0.00023
366333.66	3766582.00	0.00021	366353.66	3766582.00	0.00020
366373.66	3766582.00	0.00019	366393.66	3766582.00	0.00017
366413.66	3766582.00	0.00016	366433.66	3766582.00	0.00015
366453.66	3766582.00	0.00014	366473.66	3766582.00	0.00013
366493.66	3766582.00	0.00013	364713.66	3766602.00	0.00003
364733.66	3766602.00	0.00003	364753.66	3766602.00	0.00003
364773.66	3766602.00	0.00003	364793.66	3766602.00	0.00003
364813.66	3766602.00	0.00003	364833.66	3766602.00	0.00004
364853.66	3766602.00	0.00004	364873.66	3766602.00	0.00004
364893.66	3766602.00	0.00004	364913.66	3766602.00	0.00004
364933.66	3766602.00	0.00004	364953.66	3766602.00	0.00004
364973.66	3766602.00	0.00005	364993.66	3766602.00	0.00005
365013.66	3766602.00	0.00005	365033.66	3766602.00	0.00005
365053.66	3766602.00	0.00005	365073.66	3766602.00	0.00006
365093.66	3766602.00	0.00006	365113.66	3766602.00	0.00006
365133.66	3766602.00	0.00007	365153.66	3766602.00	0.00007
365173.66	3766602.00	0.00007	365193.66	3766602.00	0.00007
365213.66	3766602.00	0.00008	365233.66	3766602.00	0.00008

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                                PM10op.POU.txt
365253.66  3766602.00  0.00008  365273.66  3766602.00  0.00009
365293.66  3766602.00  0.00009  365313.66  3766602.00  0.00010
365333.66  3766602.00  0.00010  365353.66  3766602.00  0.00011
365373.66  3766602.00  0.00012  365393.66  3766602.00  0.00013
365413.66  3766602.00  0.00014  365433.66  3766602.00  0.00015
365453.66  3766602.00  0.00017  365473.66  3766602.00  0.00020
365493.66  3766602.00  0.00022  365513.66  3766602.00  0.00025
365533.66  3766602.00  0.00029  365553.66  3766602.00  0.00033
365573.66  3766602.00  0.00039  365593.66  3766602.00  0.00045
365613.66  3766602.00  0.00052  365633.66  3766602.00  0.00060
365653.66  3766602.00  0.00069  365673.66  3766602.00  0.00079
365693.66  3766602.00  0.00089  365713.66  3766602.00  0.00100
365733.66  3766602.00  0.00111  365753.66  3766602.00  0.00120
365773.66  3766602.00  0.00126  365793.66  3766602.00  0.00132
365813.66  3766602.00  0.00142  365833.66  3766602.00  0.00156
365853.66  3766602.00  0.00174  365873.66  3766602.00  0.00189
365893.66  3766602.00  0.00204  365913.66  3766602.00  0.00205
365933.66  3766602.00  0.00160  365953.66  3766602.00  0.00134
365973.66  3766602.00  0.00117  365993.66  3766602.00  0.00103
1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc      ***
***                                     ***                                     ***

**MODELOPTS: CONC                      URBAN  FLAT          DEFAULT

*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION  VALUES FOR SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S):  L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
-----
366013.66  3766602.00  0.00091  366033.66  3766602.00  0.00107
366053.66  3766602.00  0.00100  366073.66  3766602.00  0.00087
366093.66  3766602.00  0.00076  366113.66  3766602.00  0.00067
366133.66  3766602.00  0.00059  366153.66  3766602.00  0.00053
366173.66  3766602.00  0.00049  366193.66  3766602.00  0.00044
366213.66  3766602.00  0.00041  366233.66  3766602.00  0.00038
366253.66  3766602.00  0.00035  366273.66  3766602.00  0.00033
366293.66  3766602.00  0.00030  366313.66  3766602.00  0.00028
366333.66  3766602.00  0.00026  366353.66  3766602.00  0.00024
366373.66  3766602.00  0.00022  366393.66  3766602.00  0.00020
366413.66  3766602.00  0.00019  366433.66  3766602.00  0.00017
366453.66  3766602.00  0.00016  366473.66  3766602.00  0.00015
366493.66  3766602.00  0.00014  364713.66  3766622.00  0.00002
364733.66  3766622.00  0.00003  364753.66  3766622.00  0.00003
364773.66  3766622.00  0.00003  364793.66  3766622.00  0.00003
364813.66  3766622.00  0.00003  364833.66  3766622.00  0.00003
364853.66  3766622.00  0.00004  364873.66  3766622.00  0.00004
364893.66  3766622.00  0.00004  364913.66  3766622.00  0.00004
364933.66  3766622.00  0.00004  364953.66  3766622.00  0.00004
364973.66  3766622.00  0.00004  364993.66  3766622.00  0.00005
365013.66  3766622.00  0.00005  365033.66  3766622.00  0.00005
365053.66  3766622.00  0.00005  365073.66  3766622.00  0.00005
365093.66  3766622.00  0.00006  365113.66  3766622.00  0.00006
365133.66  3766622.00  0.00006  365153.66  3766622.00  0.00006
365173.66  3766622.00  0.00007  365193.66  3766622.00  0.00007
365213.66  3766622.00  0.00007  365233.66  3766622.00  0.00008
365253.66  3766622.00  0.00008  365273.66  3766622.00  0.00008
365293.66  3766622.00  0.00009  365313.66  3766622.00  0.00009
365333.66  3766622.00  0.00010  365353.66  3766622.00  0.00010
365373.66  3766622.00  0.00011  365393.66  3766622.00  0.00012
365413.66  3766622.00  0.00013  365433.66  3766622.00  0.00014
365453.66  3766622.00  0.00015  365473.66  3766622.00  0.00017
365493.66  3766622.00  0.00019  365513.66  3766622.00  0.00021
365533.66  3766622.00  0.00024  365553.66  3766622.00  0.00027
365573.66  3766622.00  0.00030  365593.66  3766622.00  0.00035
365613.66  3766622.00  0.00039  365633.66  3766622.00  0.00045
365653.66  3766622.00  0.00050  365673.66  3766622.00  0.00056
365693.66  3766622.00  0.00063  365713.66  3766622.00  0.00070
365733.66  3766622.00  0.00076  365753.66  3766622.00  0.00082
365773.66  3766622.00  0.00086  365793.66  3766622.00  0.00090
1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc      ***
***                                     ***                                     ***

**MODELOPTS: CONC                      URBAN  FLAT          DEFAULT

*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION  VALUES FOR SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S):  L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
-----
365813.66  3766622.00  0.00094  365833.66  3766622.00  0.00098
365853.66  3766622.00  0.00103  365873.66  3766622.00  0.00109
365893.66  3766622.00  0.00116  365913.66  3766622.00  0.00128
365933.66  3766622.00  0.00148  365953.66  3766622.00  0.00153
365973.66  3766622.00  0.00124  365993.66  3766622.00  0.00133
366013.66  3766622.00  0.00127  366033.66  3766622.00  0.00116
366053.66  3766622.00  0.00119  366073.66  3766622.00  0.00141
366093.66  3766622.00  0.00130  366113.66  3766622.00  0.00129
366133.66  3766622.00  0.00108  366153.66  3766622.00  0.00090
366173.66  3766622.00  0.00077  366193.66  3766622.00  0.00068
366213.66  3766622.00  0.00060  366233.66  3766622.00  0.00053
366253.66  3766622.00  0.00048  366273.66  3766622.00  0.00044
366293.66  3766622.00  0.00040  366313.66  3766622.00  0.00036
366333.66  3766622.00  0.00033  366353.66  3766622.00  0.00030
366373.66  3766622.00  0.00027  366393.66  3766622.00  0.00024
366413.66  3766622.00  0.00022  366433.66  3766622.00  0.00020
366453.66  3766622.00  0.00019  366473.66  3766622.00  0.00017
366493.66  3766622.00  0.00016  364713.66  3766642.00  0.00002
364733.66  3766642.00  0.00003  364753.66  3766642.00  0.00003
364773.66  3766642.00  0.00003  364793.66  3766642.00  0.00003
364813.66  3766642.00  0.00003  364833.66  3766642.00  0.00003
364853.66  3766642.00  0.00003  364873.66  3766642.00  0.00004
364893.66  3766642.00  0.00004  364913.66  3766642.00  0.00004
364933.66  3766642.00  0.00004  364953.66  3766642.00  0.00004
364973.66  3766642.00  0.00004  364993.66  3766642.00  0.00004
365013.66  3766642.00  0.00004  365033.66  3766642.00  0.00005
365053.66  3766642.00  0.00005  365073.66  3766642.00  0.00005
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365093.66 3766642.00 0.00005 PM10op.POU.txt 365113.66 3766642.00 0.00006
365133.66 3766642.00 0.00006 365153.66 3766642.00 0.00006
365173.66 3766642.00 0.00006 365193.66 3766642.00 0.00007
365213.66 3766642.00 0.00007 365233.66 3766642.00 0.00007
365253.66 3766642.00 0.00008 365273.66 3766642.00 0.00008
365293.66 3766642.00 0.00008 365313.66 3766642.00 0.00009
365333.66 3766642.00 0.00009 365353.66 3766642.00 0.00010
365373.66 3766642.00 0.00010 365393.66 3766642.00 0.00011
365413.66 3766642.00 0.00012 365433.66 3766642.00 0.00013
365453.66 3766642.00 0.00014 365473.66 3766642.00 0.00015
365493.66 3766642.00 0.00017 365513.66 3766642.00 0.00018
365533.66 3766642.00 0.00020 365553.66 3766642.00 0.00022
365573.66 3766642.00 0.00025 365593.66 3766642.00 0.00028
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
365613.66	3766642.00	0.00031	365633.66	3766642.00	0.00035
365653.66	3766642.00	0.00039	365673.66	3766642.00	0.00043
365693.66	3766642.00	0.00047	365713.66	3766642.00	0.00052
365733.66	3766642.00	0.00056	365753.66	3766642.00	0.00060
365773.66	3766642.00	0.00064	365793.66	3766642.00	0.00067
365813.66	3766642.00	0.00069	365833.66	3766642.00	0.00071
365853.66	3766642.00	0.00074	365873.66	3766642.00	0.00077
365893.66	3766642.00	0.00080	365913.66	3766642.00	0.00085
365933.66	3766642.00	0.00092	365953.66	3766642.00	0.00101
365973.66	3766642.00	0.00113	365993.66	3766642.00	0.00133
366013.66	3766642.00	0.00165	366033.66	3766642.00	0.00186
366053.66	3766642.00	0.00220	366073.66	3766642.00	0.00203
366093.66	3766642.00	0.00201	366113.66	3766642.00	0.00179
366133.66	3766642.00	0.00154	366153.66	3766642.00	0.00127
366173.66	3766642.00	0.00141	366193.66	3766642.00	0.00127
366213.66	3766642.00	0.00106	366233.66	3766642.00	0.00089
366253.66	3766642.00	0.00076	366273.66	3766642.00	0.00066
366293.66	3766642.00	0.00058	366313.66	3766642.00	0.00051
366333.66	3766642.00	0.00044	366353.66	3766642.00	0.00038
366373.66	3766642.00	0.00033	366393.66	3766642.00	0.00029
366413.66	3766642.00	0.00027	366433.66	3766642.00	0.00024
366453.66	3766642.00	0.00022	366473.66	3766642.00	0.00021
366493.66	3766642.00	0.00019	364713.66	3766662.00	0.00002
364733.66	3766662.00	0.00002	364753.66	3766662.00	0.00003
364773.66	3766662.00	0.00003	364793.66	3766662.00	0.00003
364813.66	3766662.00	0.00003	364833.66	3766662.00	0.00003
364853.66	3766662.00	0.00003	364873.66	3766662.00	0.00003
364893.66	3766662.00	0.00004	364913.66	3766662.00	0.00004
364933.66	3766662.00	0.00004	364953.66	3766662.00	0.00004
364973.66	3766662.00	0.00004	364993.66	3766662.00	0.00004
365013.66	3766662.00	0.00004	365033.66	3766662.00	0.00004
365053.66	3766662.00	0.00005	365073.66	3766662.00	0.00005
365093.66	3766662.00	0.00005	365113.66	3766662.00	0.00005
365133.66	3766662.00	0.00005	365153.66	3766662.00	0.00006
365173.66	3766662.00	0.00006	365193.66	3766662.00	0.00006
365213.66	3766662.00	0.00007	365233.66	3766662.00	0.00007
365253.66	3766662.00	0.00007	365273.66	3766662.00	0.00007
365293.66	3766662.00	0.00008	365313.66	3766662.00	0.00008
365333.66	3766662.00	0.00009	365353.66	3766662.00	0.00009
365373.66	3766662.00	0.00009	365393.66	3766662.00	0.00010

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
365413.66	3766662.00	0.00011	365433.66	3766662.00	0.00011
365453.66	3766662.00	0.00012	365473.66	3766662.00	0.00013
365493.66	3766662.00	0.00015	365513.66	3766662.00	0.00016
365533.66	3766662.00	0.00017	365553.66	3766662.00	0.00019
365573.66	3766662.00	0.00021	365593.66	3766662.00	0.00023
365613.66	3766662.00	0.00026	365633.66	3766662.00	0.00028
365653.66	3766662.00	0.00031	365673.66	3766662.00	0.00034
365693.66	3766662.00	0.00037	365713.66	3766662.00	0.00041
365733.66	3766662.00	0.00044	365753.66	3766662.00	0.00047
365773.66	3766662.00	0.00049	365793.66	3766662.00	0.00052
365813.66	3766662.00	0.00054	365833.66	3766662.00	0.00056
365853.66	3766662.00	0.00057	365873.66	3766662.00	0.00059
365893.66	3766662.00	0.00061	365913.66	3766662.00	0.00064
365933.66	3766662.00	0.00067	365953.66	3766662.00	0.00072
365973.66	3766662.00	0.00078	365993.66	3766662.00	0.00086
366013.66	3766662.00	0.00100	366033.66	3766662.00	0.00122
366053.66	3766662.00	0.00152	366073.66	3766662.00	0.00190
366093.66	3766662.00	0.00224	366113.66	3766662.00	0.00210
366133.66	3766662.00	0.00174	366153.66	3766662.00	0.00174
366173.66	3766662.00	0.00161	366193.66	3766662.00	0.00133
366213.66	3766662.00	0.00155	366233.66	3766662.00	0.00144
366253.66	3766662.00	0.00139	366273.66	3766662.00	0.00121
366293.66	3766662.00	0.00099	366313.66	3766662.00	0.00081
366333.66	3766662.00	0.00064	366353.66	3766662.00	0.00052
366373.66	3766662.00	0.00044	366393.66	3766662.00	0.00038
366413.66	3766662.00	0.00034	366433.66	3766662.00	0.00030
366453.66	3766662.00	0.00027	366473.66	3766662.00	0.00025
366493.66	3766662.00	0.00023	364713.66	3766682.00	0.00002
364733.66	3766682.00	0.00002	364753.66	3766682.00	0.00002
364773.66	3766682.00	0.00003	364793.66	3766682.00	0.00003
364813.66	3766682.00	0.00003	364833.66	3766682.00	0.00003
364853.66	3766682.00	0.00003	364873.66	3766682.00	0.00003
364893.66	3766682.00	0.00003	364913.66	3766682.00	0.00003

364933.66 3766682.00 0.00004 PM10op.POU.txt 364953.66 3766682.00 0.00004
364973.66 3766682.00 0.00004 364993.66 3766682.00 0.00004
365013.66 3766682.00 0.00004 365033.66 3766682.00 0.00004
365053.66 3766682.00 0.00004 365073.66 3766682.00 0.00004
365093.66 3766682.00 0.00005 365113.66 3766682.00 0.00005
365133.66 3766682.00 0.00005 365153.66 3766682.00 0.00005
365173.66 3766682.00 0.00006 365193.66 3766682.00 0.00006
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 92

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
365213.66	3766682.00	0.00006	365233.66	3766682.00	0.00006
365253.66	3766682.00	0.00007	365273.66	3766682.00	0.00007
365293.66	3766682.00	0.00007	365313.66	3766682.00	0.00008
365333.66	3766682.00	0.00008	365353.66	3766682.00	0.00008
365373.66	3766682.00	0.00009	365393.66	3766682.00	0.00009
365413.66	3766682.00	0.00010	365433.66	3766682.00	0.00011
365453.66	3766682.00	0.00011	365473.66	3766682.00	0.00012
365493.66	3766682.00	0.00013	365513.66	3766682.00	0.00014
365533.66	3766682.00	0.00015	365553.66	3766682.00	0.00016
365573.66	3766682.00	0.00018	365593.66	3766682.00	0.00020
365613.66	3766682.00	0.00022	365633.66	3766682.00	0.00024
365653.66	3766682.00	0.00026	365673.66	3766682.00	0.00028
365693.66	3766682.00	0.00030	365713.66	3766682.00	0.00033
365733.66	3766682.00	0.00035	365753.66	3766682.00	0.00037
365773.66	3766682.00	0.00040	365793.66	3766682.00	0.00042
365813.66	3766682.00	0.00043	365833.66	3766682.00	0.00045
365853.66	3766682.00	0.00047	365873.66	3766682.00	0.00048
365893.66	3766682.00	0.00049	365913.66	3766682.00	0.00051
365933.66	3766682.00	0.00053	365953.66	3766682.00	0.00055
365973.66	3766682.00	0.00059	365993.66	3766682.00	0.00063
366013.66	3766682.00	0.00070	366033.66	3766682.00	0.00079
366053.66	3766682.00	0.00091	366073.66	3766682.00	0.00105
366093.66	3766682.00	0.00123	366113.66	3766682.00	0.00144
366133.66	3766682.00	0.00170	366153.66	3766682.00	0.00201
366173.66	3766682.00	0.00228	366193.66	3766682.00	0.00216
366213.66	3766682.00	0.00198	366233.66	3766682.00	0.00196
366253.66	3766682.00	0.00181	366273.66	3766682.00	0.00155
366293.66	3766682.00	0.00123	366313.66	3766682.00	0.00121
366333.66	3766682.00	0.00110	366353.66	3766682.00	0.00085
366373.66	3766682.00	0.00068	366393.66	3766682.00	0.00056
366413.66	3766682.00	0.00048	366433.66	3766682.00	0.00041
366453.66	3766682.00	0.00036	366473.66	3766682.00	0.00032
366493.66	3766682.00	0.00029	364713.66	3766702.00	0.00002
364733.66	3766702.00	0.00002	364753.66	3766702.00	0.00002
364773.66	3766702.00	0.00003	364793.66	3766702.00	0.00003
364813.66	3766702.00	0.00003	364833.66	3766702.00	0.00003
364853.66	3766702.00	0.00003	364873.66	3766702.00	0.00003
364893.66	3766702.00	0.00003	364913.66	3766702.00	0.00003
364933.66	3766702.00	0.00003	364953.66	3766702.00	0.00004
364973.66	3766702.00	0.00004	364993.66	3766702.00	0.00004

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 93

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
365013.66	3766702.00	0.00004	365033.66	3766702.00	0.00004
365053.66	3766702.00	0.00004	365073.66	3766702.00	0.00004
365093.66	3766702.00	0.00004	365113.66	3766702.00	0.00005
365133.66	3766702.00	0.00005	365153.66	3766702.00	0.00005
365173.66	3766702.00	0.00005	365193.66	3766702.00	0.00006
365213.66	3766702.00	0.00006	365233.66	3766702.00	0.00006
365253.66	3766702.00	0.00006	365273.66	3766702.00	0.00007
365293.66	3766702.00	0.00007	365313.66	3766702.00	0.00007
365333.66	3766702.00	0.00007	365353.66	3766702.00	0.00008
365373.66	3766702.00	0.00008	365393.66	3766702.00	0.00009
365413.66	3766702.00	0.00009	365433.66	3766702.00	0.00010
365453.66	3766702.00	0.00010	365473.66	3766702.00	0.00011
365493.66	3766702.00	0.00012	365513.66	3766702.00	0.00013
365533.66	3766702.00	0.00013	365553.66	3766702.00	0.00014
365573.66	3766702.00	0.00016	365593.66	3766702.00	0.00017
365613.66	3766702.00	0.00018	365633.66	3766702.00	0.00020
365653.66	3766702.00	0.00022	365673.66	3766702.00	0.00024
365693.66	3766702.00	0.00025	365713.66	3766702.00	0.00027
365733.66	3766702.00	0.00029	365753.66	3766702.00	0.00031
365773.66	3766702.00	0.00032	365793.66	3766702.00	0.00034
365813.66	3766702.00	0.00036	365833.66	3766702.00	0.00037
365853.66	3766702.00	0.00039	365873.66	3766702.00	0.00040
365893.66	3766702.00	0.00041	365913.66	3766702.00	0.00042
365933.66	3766702.00	0.00044	365953.66	3766702.00	0.00045
365973.66	3766702.00	0.00047	365993.66	3766702.00	0.00050
366013.66	3766702.00	0.00054	366033.66	3766702.00	0.00058
366053.66	3766702.00	0.00064	366073.66	3766702.00	0.00071
366093.66	3766702.00	0.00080	366113.66	3766702.00	0.00090
366133.66	3766702.00	0.00101	366153.66	3766702.00	0.00114
366173.66	3766702.00	0.00130	366193.66	3766702.00	0.00150
366213.66	3766702.00	0.00176	366233.66	3766702.00	0.00208
366253.66	3766702.00	0.00231	366273.66	3766702.00	0.00218
366293.66	3766702.00	0.00179	366313.66	3766702.00	0.00163
366333.66	3766702.00	0.00150	366353.66	3766702.00	0.00114
366373.66	3766702.00	0.00091	366393.66	3766702.00	0.00072
366413.66	3766702.00	0.00079	366433.66	3766702.00	0.00068
366453.66	3766702.00	0.00056	366473.66	3766702.00	0.00049
366493.66	3766702.00	0.00042	364713.66	3766722.00	0.00002
364733.66	3766722.00	0.00002	364753.66	3766722.00	0.00002

364773.66 3766722.00 0.00002 PM10op.POU.txt 364793.66 3766722.00 0.00003
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
364813.66	3766722.00	0.00003	364833.66	3766722.00	0.00003
364853.66	3766722.00	0.00003	364873.66	3766722.00	0.00003
364893.66	3766722.00	0.00003	364913.66	3766722.00	0.00003
364933.66	3766722.00	0.00003	364953.66	3766722.00	0.00003
364973.66	3766722.00	0.00003	364993.66	3766722.00	0.00004
365013.66	3766722.00	0.00004	365033.66	3766722.00	0.00004
365053.66	3766722.00	0.00004	365073.66	3766722.00	0.00004
365093.66	3766722.00	0.00004	365113.66	3766722.00	0.00004
365133.66	3766722.00	0.00005	365153.66	3766722.00	0.00005
365173.66	3766722.00	0.00005	365193.66	3766722.00	0.00005
365213.66	3766722.00	0.00005	365233.66	3766722.00	0.00006
365253.66	3766722.00	0.00006	365273.66	3766722.00	0.00006
365293.66	3766722.00	0.00006	365313.66	3766722.00	0.00007
365333.66	3766722.00	0.00007	365353.66	3766722.00	0.00007
365373.66	3766722.00	0.00008	365393.66	3766722.00	0.00008
365413.66	3766722.00	0.00008	365433.66	3766722.00	0.00009
365453.66	3766722.00	0.00009	365473.66	3766722.00	0.00010
365493.66	3766722.00	0.00011	365513.66	3766722.00	0.00011
365533.66	3766722.00	0.00012	365553.66	3766722.00	0.00013
365573.66	3766722.00	0.00014	365593.66	3766722.00	0.00015
365613.66	3766722.00	0.00016	365633.66	3766722.00	0.00017
365653.66	3766722.00	0.00019	365673.66	3766722.00	0.00020
365693.66	3766722.00	0.00022	365713.66	3766722.00	0.00023
365733.66	3766722.00	0.00024	365753.66	3766722.00	0.00026
365773.66	3766722.00	0.00027	365793.66	3766722.00	0.00029
365813.66	3766722.00	0.00030	365833.66	3766722.00	0.00031
365853.66	3766722.00	0.00033	365873.66	3766722.00	0.00034
365893.66	3766722.00	0.00035	365913.66	3766722.00	0.00036
365933.66	3766722.00	0.00037	365953.66	3766722.00	0.00038
365973.66	3766722.00	0.00039	365993.66	3766722.00	0.00041
366013.66	3766722.00	0.00043	366033.66	3766722.00	0.00046
366053.66	3766722.00	0.00049	366073.66	3766722.00	0.00054
366093.66	3766722.00	0.00058	366113.66	3766722.00	0.00064
366133.66	3766722.00	0.00070	366153.66	3766722.00	0.00076
366173.66	3766722.00	0.00084	366193.66	3766722.00	0.00093
366213.66	3766722.00	0.00102	366233.66	3766722.00	0.00114
366253.66	3766722.00	0.00128	366273.66	3766722.00	0.00144
366293.66	3766722.00	0.00161	366313.66	3766722.00	0.00171
366333.66	3766722.00	0.00160	366353.66	3766722.00	0.00114
366373.66	3766722.00	0.00107	366393.66	3766722.00	0.00098

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
366413.66	3766722.00	0.00085	366433.66	3766722.00	0.00074
366453.66	3766722.00	0.00080	366473.66	3766722.00	0.00063
366493.66	3766722.00	0.00054	3664713.66	3766742.00	0.00002
364733.66	3766742.00	0.00002	364753.66	3766742.00	0.00002
364773.66	3766742.00	0.00002	364793.66	3766742.00	0.00002
364813.66	3766742.00	0.00003	364833.66	3766742.00	0.00003
364853.66	3766742.00	0.00003	364873.66	3766742.00	0.00003
364893.66	3766742.00	0.00003	364913.66	3766742.00	0.00003
364933.66	3766742.00	0.00003	364953.66	3766742.00	0.00003
364973.66	3766742.00	0.00003	364993.66	3766742.00	0.00003
365013.66	3766742.00	0.00004	365033.66	3766742.00	0.00004
365053.66	3766742.00	0.00004	365073.66	3766742.00	0.00004
365093.66	3766742.00	0.00004	365113.66	3766742.00	0.00004
365133.66	3766742.00	0.00004	365153.66	3766742.00	0.00005
365173.66	3766742.00	0.00005	365193.66	3766742.00	0.00005
365213.66	3766742.00	0.00005	365233.66	3766742.00	0.00005
365253.66	3766742.00	0.00006	365273.66	3766742.00	0.00006
365293.66	3766742.00	0.00006	365313.66	3766742.00	0.00006
365333.66	3766742.00	0.00007	365353.66	3766742.00	0.00007
365373.66	3766742.00	0.00007	365393.66	3766742.00	0.00007
365413.66	3766742.00	0.00008	365433.66	3766742.00	0.00008
365453.66	3766742.00	0.00009	365473.66	3766742.00	0.00009
365493.66	3766742.00	0.00010	365513.66	3766742.00	0.00010
365533.66	3766742.00	0.00011	365553.66	3766742.00	0.00012
365573.66	3766742.00	0.00012	365593.66	3766742.00	0.00013
365613.66	3766742.00	0.00014	365633.66	3766742.00	0.00015
365653.66	3766742.00	0.00016	365673.66	3766742.00	0.00017
365693.66	3766742.00	0.00019	365713.66	3766742.00	0.00020
365733.66	3766742.00	0.00021	365753.66	3766742.00	0.00022
365773.66	3766742.00	0.00023	365793.66	3766742.00	0.00024
365813.66	3766742.00	0.00026	365833.66	3766742.00	0.00027
365853.66	3766742.00	0.00028	365873.66	3766742.00	0.00029
365893.66	3766742.00	0.00030	365913.66	3766742.00	0.00031
365933.66	3766742.00	0.00031	365953.66	3766742.00	0.00032
365973.66	3766742.00	0.00033	365993.66	3766742.00	0.00035
366013.66	3766742.00	0.00036	366033.66	3766742.00	0.00038
366053.66	3766742.00	0.00040	366073.66	3766742.00	0.00043
366093.66	3766742.00	0.00046	366113.66	3766742.00	0.00049
366133.66	3766742.00	0.00052	366153.66	3766742.00	0.00056
366173.66	3766742.00	0.00061	366193.66	3766742.00	0.00065

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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PM10op.POU.txt
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
366213.66 3766742.00 0.00070 366233.66 3766742.00 0.00076
366253.66 3766742.00 0.00082 366273.66 3766742.00 0.00088
366293.66 3766742.00 0.00094 366313.66 3766742.00 0.00098
366333.66 3766742.00 0.00100 366353.66 3766742.00 0.00102
366373.66 3766742.00 0.00108 366393.66 3766742.00 0.00117
366413.66 3766742.00 0.00122 366433.66 3766742.00 0.00113
366453.66 3766742.00 0.00096 366473.66 3766742.00 0.00081
366493.66 3766742.00 0.00071 366488.66 3766117.00 0.00003
364738.66 3766117.00 0.00004 364788.66 3766117.00 0.00004
364838.66 3766117.00 0.00005 364888.66 3766117.00 0.00014
364938.66 3766117.00 0.00016 364988.66 3766117.00 0.00011
365038.66 3766117.00 0.00007 365088.66 3766117.00 0.00005
365138.66 3766117.00 0.00005 365188.66 3766117.00 0.00004
365238.66 3766117.00 0.00004 365288.66 3766117.00 0.00003
365338.66 3766117.00 0.00003 365388.66 3766117.00 0.00003
365438.66 3766117.00 0.00003 365488.66 3766117.00 0.00002
365538.66 3766117.00 0.00003 365588.66 3766117.00 0.00003
365638.66 3766117.00 0.00003 365688.66 3766117.00 0.00003
365738.66 3766117.00 0.00003 365788.66 3766117.00 0.00003
365838.66 3766117.00 0.00003 365888.66 3766117.00 0.00004
365938.66 3766117.00 0.00004 365988.66 3766117.00 0.00004
366038.66 3766117.00 0.00004 366088.66 3766117.00 0.00004
366138.66 3766117.00 0.00004 366188.66 3766117.00 0.00003
366238.66 3766117.00 0.00003 366288.66 3766117.00 0.00003
366338.66 3766117.00 0.00003 366388.66 3766117.00 0.00003
366438.66 3766117.00 0.00003 366488.66 3766117.00 0.00003
366538.66 3766117.00 0.00003 366488.66 3766167.00 0.00006
366538.66 3766167.00 0.00003 366488.66 3766217.00 0.00008
366538.66 3766217.00 0.00003 366488.66 3766267.00 0.00008
366538.66 3766267.00 0.00004 366488.66 3766317.00 0.00006
366538.66 3766317.00 0.00004 366488.66 3766367.00 0.00005
366538.66 3766367.00 0.00005 366488.66 3766417.00 0.00004
366538.66 3766417.00 0.00006 366488.66 3766467.00 0.00003
366538.66 3766467.00 0.00007 366488.66 3766517.00 0.00003
366538.66 3766517.00 0.00008 366488.66 3766567.00 0.00003
366538.66 3766567.00 0.00010 366488.66 3766617.00 0.00002
366538.66 3766617.00 0.00013 366488.66 3766667.00 0.00002
366538.66 3766667.00 0.00018 366488.66 3766717.00 0.00002
366538.66 3766717.00 0.00027 366488.66 3766767.00 0.00002
364738.66 3766767.00 0.00002 364788.66 3766767.00 0.00002

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 97

*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
364838.66 3766767.00 0.00003 364888.66 3766767.00 0.00003
364938.66 3766767.00 0.00003 364988.66 3766767.00 0.00003
365038.66 3766767.00 0.00003 365088.66 3766767.00 0.00004
365138.66 3766767.00 0.00004 365188.66 3766767.00 0.00005
365238.66 3766767.00 0.00005 365288.66 3766767.00 0.00006
365338.66 3766767.00 0.00006 365388.66 3766767.00 0.00007
365438.66 3766767.00 0.00008 365488.66 3766767.00 0.00009
365538.66 3766767.00 0.00010 365588.66 3766767.00 0.00011
365638.66 3766767.00 0.00013 365688.66 3766767.00 0.00016
365738.66 3766767.00 0.00018 365788.66 3766767.00 0.00020
365838.66 3766767.00 0.00023 365888.66 3766767.00 0.00025
365938.66 3766767.00 0.00027 365988.66 3766767.00 0.00029
366038.66 3766767.00 0.00031 366088.66 3766767.00 0.00035
366138.66 3766767.00 0.00040 366188.66 3766767.00 0.00046
366238.66 3766767.00 0.00053 366288.66 3766767.00 0.00059
366338.66 3766767.00 0.00063 366388.66 3766767.00 0.00065
366438.66 3766767.00 0.00071 366488.66 3766767.00 0.00069
366538.66 3766767.00 0.00033 364663.66 3766092.00 0.00002
364713.66 3766092.00 0.00003 364763.66 3766092.00 0.00003
364813.66 3766092.00 0.00003 364863.66 3766092.00 0.00007
364913.66 3766092.00 0.00009 364963.66 3766092.00 0.00010
365013.66 3766092.00 0.00008 365063.66 3766092.00 0.00006
365113.66 3766092.00 0.00004 365163.66 3766092.00 0.00004
365213.66 3766092.00 0.00004 365263.66 3766092.00 0.00003
365313.66 3766092.00 0.00003 365363.66 3766092.00 0.00002
365413.66 3766092.00 0.00002 365463.66 3766092.00 0.00002
365513.66 3766092.00 0.00002 365563.66 3766092.00 0.00002
365613.66 3766092.00 0.00002 365663.66 3766092.00 0.00003
365713.66 3766092.00 0.00003 365763.66 3766092.00 0.00003
365813.66 3766092.00 0.00003 365863.66 3766092.00 0.00003
365913.66 3766092.00 0.00003 365963.66 3766092.00 0.00003
366013.66 3766092.00 0.00003 366063.66 3766092.00 0.00003
366113.66 3766092.00 0.00003 366163.66 3766092.00 0.00003
366213.66 3766092.00 0.00003 366263.66 3766092.00 0.00003
366313.66 3766092.00 0.00003 366363.66 3766092.00 0.00003
366413.66 3766092.00 0.00003 366463.66 3766092.00 0.00003
366513.66 3766092.00 0.00003 366563.66 3766092.00 0.00003
364663.66 3766142.00 0.00004 366563.66 3766142.00 0.00003
364663.66 3766192.00 0.00006 366563.66 3766192.00 0.00003
364663.66 3766242.00 0.00007 366563.66 3766242.00 0.00004

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 98

*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
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** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364663.66	3766292.00	0.00006	366563.66	3766292.00	0.00004
364663.66	3766342.00	0.00005	366563.66	3766342.00	0.00005
364663.66	3766392.00	0.00004	366563.66	3766392.00	0.00005
364663.66	3766442.00	0.00003	366563.66	3766442.00	0.00006
364663.66	3766492.00	0.00003	366563.66	3766492.00	0.00007
364663.66	3766542.00	0.00003	366563.66	3766542.00	0.00009
364663.66	3766592.00	0.00002	366563.66	3766592.00	0.00011
364663.66	3766642.00	0.00002	366563.66	3766642.00	0.00014
364663.66	3766692.00	0.00002	366563.66	3766692.00	0.00017
364663.66	3766742.00	0.00002	366563.66	3766742.00	0.00023
364663.66	3766792.00	0.00002	364713.66	3766792.00	0.00002
364763.66	3766792.00	0.00002	364813.66	3766792.00	0.00002
364863.66	3766792.00	0.00003	364913.66	3766792.00	0.00003
364963.66	3766792.00	0.00003	365013.66	3766792.00	0.00003
365063.66	3766792.00	0.00003	365113.66	3766792.00	0.00004
365163.66	3766792.00	0.00004	365213.66	3766792.00	0.00004
365263.66	3766792.00	0.00005	365313.66	3766792.00	0.00005
365363.66	3766792.00	0.00006	365413.66	3766792.00	0.00007
365463.66	3766792.00	0.00007	365513.66	3766792.00	0.00008
365563.66	3766792.00	0.00010	365613.66	3766792.00	0.00011
365663.66	3766792.00	0.00013	365713.66	3766792.00	0.00014
365763.66	3766792.00	0.00016	365813.66	3766792.00	0.00018
365863.66	3766792.00	0.00020	365913.66	3766792.00	0.00022
365963.66	3766792.00	0.00023	366013.66	3766792.00	0.00025
366063.66	3766792.00	0.00027	366113.66	3766792.00	0.00030
366163.66	3766792.00	0.00034	366213.66	3766792.00	0.00037
366263.66	3766792.00	0.00041	366313.66	3766792.00	0.00044
366363.66	3766792.00	0.00045	366413.66	3766792.00	0.00045
366463.66	3766792.00	0.00044	366513.66	3766792.00	0.00036
366563.66	3766792.00	0.00023	364613.66	3766042.00	0.00002
364688.66	3766042.00	0.00002	364763.66	3766042.00	0.00002
364838.66	3766042.00	0.00003	364913.66	3766042.00	0.00005
364988.66	3766042.00	0.00006	365063.66	3766042.00	0.00005
365138.66	3766042.00	0.00003	365213.66	3766042.00	0.00003
365288.66	3766042.00	0.00002	365363.66	3766042.00	0.00002
365438.66	3766042.00	0.00002	365513.66	3766042.00	0.00002
365588.66	3766042.00	0.00002	365663.66	3766042.00	0.00002
365738.66	3766042.00	0.00002	365813.66	3766042.00	0.00002
365888.66	3766042.00	0.00003	365963.66	3766042.00	0.00003
366038.66	3766042.00	0.00003	366113.66	3766042.00	0.00003

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
366188.66	3766042.00	0.00003	366263.66	3766042.00	0.00003
366338.66	3766042.00	0.00003	366413.66	3766042.00	0.00003
366488.66	3766042.00	0.00003	366563.66	3766042.00	0.00002
364613.66	3766117.00	0.00003	366563.66	3766117.00	0.00003
364613.66	3766192.00	0.00004	366563.66	3766192.00	0.00003
364613.66	3766267.00	0.00005	366563.66	3766267.00	0.00004
364613.66	3766342.00	0.00004	366563.66	3766342.00	0.00005
364613.66	3766417.00	0.00003	366563.66	3766417.00	0.00006
364613.66	3766492.00	0.00003	366563.66	3766492.00	0.00007
364613.66	3766567.00	0.00002	366563.66	3766567.00	0.00009
364613.66	3766642.00	0.00002	366563.66	3766642.00	0.00014
364613.66	3766717.00	0.00002	366563.66	3766717.00	0.00021
364613.66	3766792.00	0.00002	366563.66	3766792.00	0.00023
364613.66	3766867.00	0.00001	364688.66	3766867.00	0.00002
364763.66	3766867.00	0.00002	364838.66	3766867.00	0.00002
364913.66	3766867.00	0.00002	364988.66	3766867.00	0.00003
365063.66	3766867.00	0.00003	365138.66	3766867.00	0.00003
365213.66	3766867.00	0.00004	365288.66	3766867.00	0.00004
365363.66	3766867.00	0.00005	365438.66	3766867.00	0.00006
365513.66	3766867.00	0.00006	365588.66	3766867.00	0.00008
365663.66	3766867.00	0.00009	365738.66	3766867.00	0.00010
365813.66	3766867.00	0.00012	365888.66	3766867.00	0.00014
365963.66	3766867.00	0.00015	366038.66	3766867.00	0.00017
366113.66	3766867.00	0.00018	366188.66	3766867.00	0.00020
366263.66	3766867.00	0.00022	366338.66	3766867.00	0.00023
366413.66	3766867.00	0.00023	366488.66	3766867.00	0.00021
366563.66	3766867.00	0.00017	364513.66	3765942.00	0.00001
364613.66	3765942.00	0.00001	364713.66	3765942.00	0.00001
364813.66	3765942.00	0.00001	364913.66	3765942.00	0.00002
365013.66	3765942.00	0.00002	365113.66	3765942.00	0.00003
365213.66	3765942.00	0.00002	365313.66	3765942.00	0.00002
365413.66	3765942.00	0.00002	365513.66	3765942.00	0.00001
365613.66	3765942.00	0.00002	365713.66	3765942.00	0.00002
365813.66	3765942.00	0.00002	365913.66	3765942.00	0.00002
366013.66	3765942.00	0.00002	366113.66	3765942.00	0.00002
366213.66	3765942.00	0.00002	366313.66	3765942.00	0.00002
366413.66	3765942.00	0.00002	366513.66	3765942.00	0.00002
366613.66	3765942.00	0.00002	366713.66	3765942.00	0.00002
364513.66	3766042.00	0.00001	366613.66	3766042.00	0.00002
366713.66	3766042.00	0.00002	364513.66	3766142.00	0.00002

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
366613.66	3766142.00	0.00003	366713.66	3766142.00	0.00003

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                                PM10op.POU.txt
364513.66      3766242.00      0.00003      366613.66      3766242.00      0.00003
366713.66      3766242.00      0.00003      364513.66      3766342.00      0.00003
366613.66      3766342.00      0.00004      366713.66      3766342.00      0.00004
364513.66      3766442.00      0.00002      366613.66      3766442.00      0.00006
366713.66      3766442.00      0.00005      364513.66      3766542.00      0.00002
366613.66      3766542.00      0.00007      366713.66      3766542.00      0.00006
364513.66      3766642.00      0.00002      366613.66      3766642.00      0.00011
366713.66      3766642.00      0.00007      364513.66      3766742.00      0.00002
366613.66      3766742.00      0.00015      366713.66      3766742.00      0.00009
364513.66      3766842.00      0.00001      366613.66      3766842.00      0.00014
366713.66      3766842.00      0.00009      364513.66      3766942.00      0.00001
364613.66      3766942.00      0.00001      364713.66      3766942.00      0.00002
364813.66      3766942.00      0.00002      364913.66      3766942.00      0.00002
365013.66      3766942.00      0.00002      365113.66      3766942.00      0.00003
365213.66      3766942.00      0.00003      365313.66      3766942.00      0.00004
365413.66      3766942.00      0.00004      365513.66      3766942.00      0.00005
365613.66      3766942.00      0.00006      365713.66      3766942.00      0.00007
365813.66      3766942.00      0.00008      365913.66      3766942.00      0.00010
366013.66      3766942.00      0.00011      366113.66      3766942.00      0.00013
366213.66      3766942.00      0.00014      366313.66      3766942.00      0.00015
366413.66      3766942.00      0.00015      366513.66      3766942.00      0.00014
366613.66      3766942.00      0.00011      366713.66      3766942.00      0.00008
364213.66      3765642.00      0.00000      364413.66      3765642.00      0.00000
364613.66      3765642.00      0.00000      364813.66      3765642.00      0.00001
365013.66      3765642.00      0.00001      365213.66      3765642.00      0.00001
365413.66      3765642.00      0.00001      365613.66      3765642.00      0.00001
365813.66      3765642.00      0.00001      366013.66      3765642.00      0.00001
366213.66      3765642.00      0.00001      366413.66      3765642.00      0.00001
366613.66      3765642.00      0.00001      366813.66      3765642.00      0.00001
367013.66      3765642.00      0.00001      364213.66      3765842.00      0.00001
364413.66      3765842.00      0.00001      364613.66      3765842.00      0.00001
364813.66      3765842.00      0.00001      365013.66      3765842.00      0.00001
365213.66      3765842.00      0.00002      365413.66      3765842.00      0.00001
365613.66      3765842.00      0.00001      365813.66      3765842.00      0.00001
366013.66      3765842.00      0.00002      366213.66      3765842.00      0.00002
366413.66      3765842.00      0.00002      366613.66      3765842.00      0.00002
366813.66      3765842.00      0.00002      367013.66      3765842.00      0.00001
364213.66      3766042.00      0.00001      364413.66      3766042.00      0.00001
366813.66      3766042.00      0.00002      367013.66      3766042.00      0.00002
1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc      ***
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**MODELOPTS: CONC      URBAN      FLAT      DEFAULT      PAGE 101

*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: ALL      ***
      INCLUDING SOURCE(S):      L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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
-----
364213.66      3766242.00      0.00001      364413.66      3766242.00      0.00002
366813.66      3766242.00      0.00003      367013.66      3766242.00      0.00002
364213.66      3766442.00      0.00001      364413.66      3766442.00      0.00002
366813.66      3766442.00      0.00004      367013.66      3766442.00      0.00003
364213.66      3766642.00      0.00001      364413.66      3766642.00      0.00001
366813.66      3766642.00      0.00006      367013.66      3766642.00      0.00004
364213.66      3766842.00      0.00001      364413.66      3766842.00      0.00001
366813.66      3766842.00      0.00006      367013.66      3766842.00      0.00004
364213.66      3767042.00      0.00001      364413.66      3767042.00      0.00001
364613.66      3767042.00      0.00001      364813.66      3767042.00      0.00002
365013.66      3767042.00      0.00002      365213.66      3767042.00      0.00002
365413.66      3767042.00      0.00003      365613.66      3767042.00      0.00005
365813.66      3767042.00      0.00006      366013.66      3767042.00      0.00008
366213.66      3767042.00      0.00009      366413.66      3767042.00      0.00010
366613.66      3767042.00      0.00009      366813.66      3767042.00      0.00006
367013.66      3767042.00      0.00004      364213.66      3767242.00      0.00001
364413.66      3767242.00      0.00001      364613.66      3767242.00      0.00001
364813.66      3767242.00      0.00001      365013.66      3767242.00      0.00001
365213.66      3767242.00      0.00002      365413.66      3767242.00      0.00002
365613.66      3767242.00      0.00003      365813.66      3767242.00      0.00003
366013.66      3767242.00      0.00004      366213.66      3767242.00      0.00005
366413.66      3767242.00      0.00005      366613.66      3767242.00      0.00005
366813.66      3767242.00      0.00005      367013.66      3767242.00      0.00004
364749.41      3766145.50      0.00006      365164.66      3766254.25      0.00012
365136.59      3766369.25      0.00014      364719.78      3766265.75      0.00010
366491.12      3766752.50      0.00105      366496.31      3766728.25      0.00057
365453.47      3766452.00      0.00035      365450.00      3766474.50      0.00095
1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc      ***
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**MODELOPTS: CONC      URBAN      FLAT      DEFAULT      PAGE 102

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: ALL      ***
      INCLUDING SOURCE(S):      L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
-----
364763.69      3766123.25      0.00052c      (81011224)      364877.00      3766157.50      0.00695      (81122224)
364996.62      3766189.25      0.00058c      (81071824)      365152.53      3766233.75      0.00028c      (81112524)
365186.06      3766252.75      0.00026      (81032624)      364813.56      3766040.75      0.00026      (81020824)
364906.91      3766067.00      0.00092      (81122224)      365017.50      3766096.00      0.00040c      (81011224)
365171.56      3766136.75      0.00022c      (81011224)      364901.47      3765939.25      0.00022      (81122224)
364943.16      3765956.50      0.00032      (81122224)      365049.19      3765981.75      0.00026c      (81011224)
365196.03      3766026.25      0.00020c      (81011224)      365319.28      3766299.00      0.00027c      (81030624)
365341.03      3766259.00      0.00022c      (81011224)      365370.97      3766205.50      0.00019c      (81011224)
365416.25      3766100.50      0.00012c      (81011224)      365711.59      3766502.00      0.00366c      (8103124)
366498.19      3766709.25      0.00121c      (81110224)      365730.53      3766430.25      0.00105      (81122224)
366513.31      3766637.25      0.00046c      (81103124)      365475.88      3766363.75      0.00043c      (81011224)
365509.72      3766271.00      0.00021      (81020824)      365760.62      3766338.75      0.00055      (81122224)
366539.66      3766543.25      0.00029c      (81110224)      364713.66      3766142.00      0.00034c      (81101224)
364733.66      3766142.00      0.00041c      (81030624)      364753.66      3766142.00      0.00051c      (81030624)
364773.66      3766142.00      0.00062c      (81030624)      364793.66      3766142.00      0.00081c      (81011224)
364813.66      3766142.00      0.00102c      (81011224)      364833.66      3766142.00      0.00092c      (81011224)
364853.66      3766142.00      0.00159      (81020824)      364873.66      3766142.00      0.00338      (81122224)
364893.66      3766142.00      0.00326      (81122224)      364913.66      3766142.00      0.00199c      (81103024)
364933.66      3766142.00      0.00135c      (81011224)      364953.66      3766142.00      0.00092c      (81011224)
364973.66      3766142.00      0.00065c      (81110224)      364993.66      3766142.00      0.00053c      (81110224)

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**MODELOPTS: CONC	URBAN	FLAT		DEFAULT					PAGE 103
	*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***								
	INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,								
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,									
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . .									

**MODELOPTS: CONC URBAN FLAT DEFAULT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . .

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**MODELOPTs: CONC                URBAN  FLAT                DFAULT

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3

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L *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\EXP0hra.isc ***
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**MODELOPTs: CONC          URBAN  FLAT          DFAULT

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

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366493.66 3766202.00 0.00017c (81103024) PM10op.POU.txt 364713.66 3766222.00 0.00072c (81030124)
364733.66 3766222.00 0.00086c (81030124) 364753.66 3766222.00 0.00105c (81030124)
364773.66 3766222.00 0.00138c (81112724) 364793.66 3766222.00 0.00191c (81112724)
364813.66 3766222.00 0.00280c (81112724) 364833.66 3766222.00 0.00429c (81123124)
364853.66 3766222.00 0.00412c (81123124) 364873.66 3766222.00 0.00539c (81021424)
364893.66 3766222.00 0.00564c (81050224) 364913.66 3766222.00 0.00280 (81032624)
364933.66 3766222.00 0.00169 (81032624) 364953.66 3766222.00 0.00111 (81032624)
364973.66 3766222.00 0.00081c (81121924) 364993.66 3766222.00 0.00063c (81121924)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\Expo\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365013.66	3766222.00	0.00053c	(81121924)	365033.66	3766222.00	0.00047c	(81121924)
365053.66	3766222.00	0.00043c	(81121924)	365073.66	3766222.00	0.00040c	(81112524)
365093.66	3766222.00	0.00036c	(81112524)	365113.66	3766222.00	0.00033c	(81112524)
365133.66	3766222.00	0.00030c	(81112524)	365153.66	3766222.00	0.00025c	(81112524)
365173.66	3766222.00	0.00022 (81032624)		365193.66	3766222.00	0.00020 (81032624)	
365213.66	3766222.00	0.00019 (81032624)		365233.66	3766222.00	0.00018c (81030624)	
365253.66	3766222.00	0.00018c (81030624)		365273.66	3766222.00	0.00018c (81011224)	
365293.66	3766222.00	0.00019c (81011224)		365313.66	3766222.00	0.00020c (81011224)	
365333.66	3766222.00	0.00020c (81011224)		365353.66	3766222.00	0.00020c (81011224)	
365373.66	3766222.00	0.00020c (81011224)		365393.66	3766222.00	0.00019c (81011224)	
365413.66	3766222.00	0.00018c (81011224)		365433.66	3766222.00	0.00018c (81011224)	
365453.66	3766222.00	0.00016c (81011224)		365473.66	3766222.00	0.00017 (81020824)	
365493.66	3766222.00	0.00018 (81020824)		365513.66	3766222.00	0.00018 (81020824)	
365533.66	3766222.00	0.00019 (81020824)		365553.66	3766222.00	0.00019 (81020824)	
365573.66	3766222.00	0.00020 (81020824)		365593.66	3766222.00	0.00022 (81122224)	
365613.66	3766222.00	0.00024 (81122224)		365633.66	3766222.00	0.00026 (81122224)	
365653.66	3766222.00	0.00028 (81122224)		365673.66	3766222.00	0.00030 (81122224)	
365693.66	3766222.00	0.00032 (81122224)		365713.66	3766222.00	0.00033 (81122224)	
365733.66	3766222.00	0.00034 (81122224)		365753.66	3766222.00	0.00035 (81122224)	
365773.66	3766222.00	0.00035 (81122224)		365793.66	3766222.00	0.00034 (81122224)	
365813.66	3766222.00	0.00033 (81122224)		365833.66	3766222.00	0.00031 (81122224)	
365853.66	3766222.00	0.00029 (81122224)		365873.66	3766222.00	0.00028c (81103024)	
365893.66	3766222.00	0.00027c (81103024)		365913.66	3766222.00	0.00026c (81103024)	
365933.66	3766222.00	0.00026c (81103024)		365953.66	3766222.00	0.00025c (81103024)	
365973.66	3766222.00	0.00024c (81103024)		365993.66	3766222.00	0.00023c (81103024)	
366013.66	3766222.00	0.00021c (81103024)		366033.66	3766222.00	0.00020c (81103024)	
366053.66	3766222.00	0.00019c (81011224)		366073.66	3766222.00	0.00019c (81011224)	
366093.66	3766222.00	0.00018c (81011224)		366113.66	3766222.00	0.00018c (810103124)	
366133.66	3766222.00	0.00018c (81103024)		366153.66	3766222.00	0.00018c (81103024)	
366173.66	3766222.00	0.00018 (81122224)		366193.66	3766222.00	0.00018 (81122224)	
366213.66	3766222.00	0.00018 (81122224)		366233.66	3766222.00	0.00019 (81122224)	
366253.66	3766222.00	0.00019 (81122224)		366273.66	3766222.00	0.00019 (81122224)	
366293.66	3766222.00	0.00019 (81122224)		366313.66	3766222.00	0.00019c (81103024)	
366333.66	3766222.00	0.00019c (81103024)		366353.66	3766222.00	0.00019c (81103024)	
366373.66	3766222.00	0.00019c (81103024)		366393.66	3766222.00	0.00019c (81103024)	
366413.66	3766222.00	0.00019c (81103024)		366433.66	3766222.00	0.00019c (81103024)	
366453.66	3766222.00	0.00018c (81103024)		366473.66	3766222.00	0.00018c (81103024)	
366493.66	3766222.00	0.00017c (81103024)		364713.66	3766242.00	0.00067c (81030124)	
364733.66	3766242.00	0.00078c (81112724)		364753.66	3766242.00	0.00097c (81112724)	
364773.66	3766242.00	0.00124c (81112724)		364793.66	3766242.00	0.00168c (81112724)	

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
364813.66	3766242.00	0.00256c (81123124)		364833.66	3766242.00	0.00380c (81123124)	
364853.66	3766242.00	0.00461c (81021424)		364873.66	3766242.00	0.00480c (81102224)	
364893.66	3766242.00	0.00473c (81050224)		364913.66	3766242.00	0.00263c (81051424)	
364933.66	3766242.00	0.00169c (81101124)		364953.66	3766242.00	0.00116 (81032624)	
364973.66	3766242.00	0.00080 (81032624)		364993.66	3766242.00	0.00066c (81121924)	
365013.66	3766242.00	0.00060c (81121924)		365033.66	3766242.00	0.00056c (81121924)	
365053.66	3766242.00	0.00052c (81121924)		365073.66	3766242.00	0.00052c (81112524)	
365093.66	3766242.00	0.00048c (81112524)		365113.66	3766242.00	0.00044c (81112524)	
365133.66	3766242.00	0.00040c (81112524)		365153.66	3766242.00	0.00031 (81032624)	
365173.66	3766242.00	0.00027 (81032624)		365193.66	3766242.00	0.00024 (81032624)	
365213.66	3766242.00	0.00022 (81032624)		365233.66	3766242.00	0.00020c (81030624)	
365253.66	3766242.00	0.00020c (81030624)		365273.66	3766242.00	0.00020c (81030624)	
365293.66	3766242.00	0.00020c (81030624)		365313.66	3766242.00	0.00020c (81011224)	
365333.66	3766242.00	0.00021c (81011224)		365353.66	3766242.00	0.00021c (81011224)	
365373.66	3766242.00	0.00021c (81011224)		365393.66	3766242.00	0.00021c (81011224)	
365413.66	3766242.00	0.00021c (81011224)		365433.66	3766242.00	0.00020c (81011224)	
365453.66	3766242.00	0.00019c (81011224)		365473.66	3766242.00	0.00019 (81020824)	
365493.66	3766242.00	0.00019 (81020824)		365513.66	3766242.00	0.00020 (81020824)	
365533.66	3766242.00	0.00020 (81020824)		365553.66	3766242.00	0.00021 (81020824)	
365573.66	3766242.00	0.00022 (81020824)		365593.66	3766242.00	0.00024 (81122224)	
365613.66	3766242.00	0.00026 (81122224)		365633.66	3766242.00	0.00028 (81122224)	
365653.66	3766242.00	0.00030 (81122224)		365673.66	3766242.00	0.00033 (81122224)	
365693.66	3766242.00	0.00035 (81122224)		365713.66	3766242.00	0.00036 (81122224)	
365733.66	3766242.00	0.00037 (81122224)		365753.66	3766242.00	0.00038 (81122224)	
365773.66	3766242.00	0.00037 (81122224)		365793.66	3766242.00	0.00036 (81122224)	
365813.66	3766242.00	0.00035 (81122224)		365833.66	3766242.00	0.00033 (81122224)	
365853.66	3766242.00	0.00031c (81103024)		365873.66	3766242.00	0.00030c (81103024)	
365893.66	3766242.00	0.00029c (81103024)		365913.66	3766242.00	0.00028c (81103024)	
365933.66	3766242.00	0.00027c (81103024)		365953.66	3766242.00	0.00026c (81103024)	
365973.66	3766242.00	0.00024c (81103024)		365993.66	3766242.00	0.00023c (81011224)	
366013.66	3766242.00	0.00022c (81011224)		366033.66	3766242.00	0.00022c (81011224)	
366053.66	3766242.00	0.00021c (81011224)		366073.66	3766242.00	0.00020c (81011224)	
366093.66	3766242.00	0.00019c (81011224)		366113.66	3766242.00	0.00019c (81103024)	
366133.66	3766242.00	0.00019c (81103024)		366153.66	3766242.00	0.00019c (81103024)	
366173.66	3766242.00	0.00019 (81122224)		366193.66	3766242.00	0.00019 (81122224)	
366213.66	3766242.00	0.00019 (81122224)		366233.66	3766242.00	0.00020 (81122224)	
366253.66	3766242.00	0.00020 (81122224)		366273.66	3766242.00	0.00020 (81122224)	
366293.66	3766242.00	0.00020 (81122224)		366313.66	3766242.00	0.00020c (81103024)	

366333.66 3766242.00 0.00020c (81103024) PM10op.POU.txt 366353.66 3766242.00 0.00020c (81103024)
366373.66 3766242.00 0.00020c (81103024) 366393.66 3766242.00 0.00020c (81103024)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

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*** 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)
366413.66 3766242.00 0.00020c (81103024) 366433.66 3766242.00 0.00019c (81103024)
366453.66 3766242.00 0.00019c (81103024) 366473.66 3766242.00 0.00019c (81103024)
366493.66 3766242.00 0.00018c (81103024) 364713.66 3766262.00 0.00056c (81112724)
364733.66 3766262.00 0.00064c (81012724) 364753.66 3766262.00 0.00083c (81012724)
364773.66 3766262.00 0.00105c (81012724) 364793.66 3766262.00 0.00146c (81123124)
364813.66 3766262.00 0.00230c (81123124) 364833.66 3766262.00 0.00312c (81123124)
364853.66 3766262.00 0.00371c (81021424) 364873.66 3766262.00 0.00388c (81050224)
364893.66 3766262.00 0.00318c (81050224) 364913.66 3766262.00 0.00236c (81050224)
364933.66 3766262.00 0.00155c (81051424) 364953.66 3766262.00 0.00120c (81101124)
364973.66 3766262.00 0.00089c (81101124) 364993.66 3766262.00 0.00064c (81101124)
365013.66 3766262.00 0.00055c (81032224) 365033.66 3766262.00 0.00054c (81032224)
365053.66 3766262.00 0.00053c (81122524) 365073.66 3766262.00 0.00060c (81122524)
365093.66 3766262.00 0.00052c (81122524) 365113.66 3766262.00 0.00056c (81032624)
365133.66 3766262.00 0.00044c (81032624) 365153.66 3766262.00 0.00033c (81032624)
365173.66 3766262.00 0.00027c (81112524) 365193.66 3766262.00 0.00024c (81112524)
365213.66 3766262.00 0.00022c (81030624) 365233.66 3766262.00 0.00023c (81030624)
365253.66 3766262.00 0.00023c (81030624) 365273.66 3766262.00 0.00023c (81030624)
365293.66 3766262.00 0.00022c (81030624) 365313.66 3766262.00 0.00022c (81030624)
365333.66 3766262.00 0.00022c (81011224) 365353.66 3766262.00 0.00023c (81011224)
365373.66 3766262.00 0.00023c (81011224) 365393.66 3766262.00 0.00023c (81011224)
365413.66 3766262.00 0.00023c (81011224) 365433.66 3766262.00 0.00022c (81011224)
365453.66 3766262.00 0.00021c (81011224) 365473.66 3766262.00 0.00020c (81011224)
365493.66 3766262.00 0.00020 (81020824) 365513.66 3766262.00 0.00021 (81020824)
365533.66 3766262.00 0.00022 (81020824) 365553.66 3766262.00 0.00023 (81020824)
365573.66 3766262.00 0.00024 (81122224) 365593.66 3766262.00 0.00027 (81122224)
365613.66 3766262.00 0.00029 (81122224) 365633.66 3766262.00 0.00031 (81122224)
365653.66 3766262.00 0.00033 (81122224) 365673.66 3766262.00 0.00036 (81122224)
365693.66 3766262.00 0.00038 (81122224) 365713.66 3766262.00 0.00040 (81122224)
365733.66 3766262.00 0.00041 (81122224) 365753.66 3766262.00 0.00041 (81122224)
365773.66 3766262.00 0.00040 (81122224) 365793.66 3766262.00 0.00038 (81122224)
365813.66 3766262.00 0.00036 (81122224) 365833.66 3766262.00 0.00034 (81122224)
365853.66 3766262.00 0.00033c (81103024) 365873.66 3766262.00 0.00032c (81103024)
365893.66 3766262.00 0.00030c (81103024) 365913.66 3766262.00 0.00030c (81011224)
365933.66 3766262.00 0.00029c (81011224) 365953.66 3766262.00 0.00028c (81011224)
365973.66 3766262.00 0.00026c (81011224) 365993.66 3766262.00 0.00025c (81011224)
366013.66 3766262.00 0.00024c (81011224) 366033.66 3766262.00 0.00023c (81011224)
366053.66 3766262.00 0.00022c (81011224) 366073.66 3766262.00 0.00021c (81011224)
366093.66 3766262.00 0.00020c (81011224) 366113.66 3766262.00 0.00020c (81103024)
366133.66 3766262.00 0.00020c (81103024) 366153.66 3766262.00 0.00019c (81103024)
366173.66 3766262.00 0.00020 (81122224) 366193.66 3766262.00 0.00020 (81122224)
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
*** 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)
366213.66 3766262.00 0.00020 (81122224) 366233.66 3766262.00 0.00021 (81122224)
366253.66 3766262.00 0.00021 (81122224) 366273.66 3766262.00 0.00021 (81122224)
366293.66 3766262.00 0.00021c (81103024) 366313.66 3766262.00 0.00021c (81103024)
366333.66 3766262.00 0.00021c (81103024) 366353.66 3766262.00 0.00021c (81103024)
366373.66 3766262.00 0.00021c (81103024) 366393.66 3766262.00 0.00021c (81103024)
366413.66 3766262.00 0.00021c (81103024) 366433.66 3766262.00 0.00020c (81103024)
366453.66 3766262.00 0.00020c (81103024) 366473.66 3766262.00 0.00019c (81103024)
366493.66 3766262.00 0.00019c (81103024) 364713.66 3766282.00 0.00050c (81012724)
364733.66 3766282.00 0.00059c (81012724) 364753.66 3766282.00 0.00068c (81012724)
364773.66 3766282.00 0.00079c (81123124) 364793.66 3766282.00 0.00103c (81102124)
364813.66 3766282.00 0.00131c (81102124) 364833.66 3766282.00 0.00168c (81021424)
364853.66 3766282.00 0.00238c (81021424) 364873.66 3766282.00 0.00192c (81102224)
364893.66 3766282.00 0.00197c (81050224) 364913.66 3766282.00 0.00180c (81050224)
364933.66 3766282.00 0.00142c (81050224) 364953.66 3766282.00 0.00102c (81101124)
364973.66 3766282.00 0.00089c (81101124) 364993.66 3766282.00 0.00073c (81101124)
365013.66 3766282.00 0.00057c (81101124) 365033.66 3766282.00 0.00053c (81091524)
365053.66 3766282.00 0.00060c (81051424) 365073.66 3766282.00 0.00065c (81051424)
365093.66 3766282.00 0.00052c (81051424) 365113.66 3766282.00 0.00045c (81051424)
365133.66 3766282.00 0.00036c (81051424) 365153.66 3766282.00 0.00030c (81032224)
365173.66 3766282.00 0.00026c (81121924) 365193.66 3766282.00 0.00024c (81011624)
365213.66 3766282.00 0.00024c (81030624) 365233.66 3766282.00 0.00024c (81030624)
365253.66 3766282.00 0.00025c (81030624) 365273.66 3766282.00 0.00025c (81030624)
365293.66 3766282.00 0.00025c (81030624) 365313.66 3766282.00 0.00025c (81030624)
365333.66 3766282.00 0.00024c (81030624) 365353.66 3766282.00 0.00024c (81011224)
365373.66 3766282.00 0.00025c (81011224) 365393.66 3766282.00 0.00025c (81011224)
365413.66 3766282.00 0.00026c (81011224) 365433.66 3766282.00 0.00025c (81011224)
365453.66 3766282.00 0.00025c (81011224) 365473.66 3766282.00 0.00023c (81011224)
365493.66 3766282.00 0.00022c (81011224) 365513.66 3766282.00 0.00022 (81020824)
365533.66 3766282.00 0.00023 (81020824) 365553.66 3766282.00 0.00025 (81122224)
365573.66 3766282.00 0.00028 (81122224) 365593.66 3766282.00 0.00030 (81122224)
365613.66 3766282.00 0.00032 (81122224) 365633.66 3766282.00 0.00034 (81122224)
365653.66 3766282.00 0.00037 (81122224) 365673.66 3766282.00 0.00039 (81122224)
365693.66 3766282.00 0.00042 (81122224) 365713.66 3766282.00 0.00044 (81122224)
365733.66 3766282.00 0.00045 (81122224) 365753.66 3766282.00 0.00044 (81122224)
365773.66 3766282.00 0.00043 (81122224) 365793.66 3766282.00 0.00041 (81122224)
365813.66 3766282.00 0.00038 (81122224) 365833.66 3766282.00 0.00036c (81103024)
365853.66 3766282.00 0.00035c (81103024) 365873.66 3766282.00 0.00035c (81011224)
365893.66 3766282.00 0.00034c (81011224) 365913.66 3766282.00 0.00033c (81011224)
365933.66 3766282.00 0.00032c (81011224) 365953.66 3766282.00 0.00030c (81011224)
365973.66 3766282.00 0.00029c (81011224) 365993.66 3766282.00 0.00027c (81011224)
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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
366013.66	3766282.00	0.00026c	(81011224)	366033.66	3766282.00	0.00024c	(81011224)
366053.66	3766282.00	0.00023c	(81011224)	366073.66	3766282.00	0.00022c	(81011224)
366093.66	3766282.00	0.00021c	(81103024)	366113.66	3766282.00	0.00021c	(81103024)
366133.66	3766282.00	0.00021c	(81103024)	366153.66	3766282.00	0.00021c	(81103024)
366173.66	3766282.00	0.00021	(81122224)	366193.66	3766282.00	0.00021	(81122224)
366213.66	3766282.00	0.00022	(81122224)	366233.66	3766282.00	0.00022	(81122224)
366253.66	3766282.00	0.00022	(81122224)	366273.66	3766282.00	0.00022c	(81103024)
366293.66	3766282.00	0.00022c	(81103024)	366313.66	3766282.00	0.00022c	(81103024)
366333.66	3766282.00	0.00022c	(81103024)	366353.66	3766282.00	0.00022c	(81103024)
366373.66	3766282.00	0.00022c	(81103024)	366393.66	3766282.00	0.00022c	(81103024)
366413.66	3766282.00	0.00022c	(81103024)	366433.66	3766282.00	0.00021c	(81103024)
366453.66	3766282.00	0.00020c	(81103024)	366473.66	3766282.00	0.00020c	(81103024)
366493.66	3766282.00	0.00019c	(81103024)	364713.66	3766302.00	0.00043c	(81012724)
364733.66	3766302.00	0.00046c	(81012724)	364753.66	3766302.00	0.00053c	(81030424)
364773.66	3766302.00	0.00063c	(81102124)	364793.66	3766302.00	0.00074c	(81102124)
364813.66	3766302.00	0.00090c	(81082524)	364833.66	3766302.00	0.00107c	(81021424)
364853.66	3766302.00	0.00128c	(81021424)	364873.66	3766302.00	0.00115c	(81091824)
364893.66	3766302.00	0.00115c	(81050224)	364913.66	3766302.00	0.00126c	(81050224)
364933.66	3766302.00	0.00117c	(81050224)	364953.66	3766302.00	0.00094c	(81050224)
364973.66	3766302.00	0.00076c	(81101124)	364993.66	3766302.00	0.00069c	(81101124)
365013.66	3766302.00	0.00059c	(81101124)	365033.66	3766302.00	0.00049c	(81101124)
365053.66	3766302.00	0.00048c	(81081024)	365073.66	3766302.00	0.00048c	(81081024)
365093.66	3766302.00	0.00048c	(81051424)	365113.66	3766302.00	0.00043c	(81051424)
365133.66	3766302.00	0.00038c	(81051424)	365153.66	3766302.00	0.00031c	(81051424)
365173.66	3766302.00	0.00028c	(81021124)	365193.66	3766302.00	0.00025c	(81011624)
365213.66	3766302.00	0.00024c	(81011624)	365233.66	3766302.00	0.00025c	(81030624)
365253.66	3766302.00	0.00026c	(81030624)	365273.66	3766302.00	0.00027c	(81030624)
365293.66	3766302.00	0.00027c	(81030624)	365313.66	3766302.00	0.00027c	(81030624)
365333.66	3766302.00	0.00027c	(81030624)	365353.66	3766302.00	0.00027c	(81030624)
365373.66	3766302.00	0.00027c	(81011224)	365393.66	3766302.00	0.00028c	(81011224)
365413.66	3766302.00	0.00028c	(81011224)	365433.66	3766302.00	0.00029c	(81011224)
365453.66	3766302.00	0.00028c	(81011224)	365473.66	3766302.00	0.00027c	(81011224)
365493.66	3766302.00	0.00026c	(81011224)	365513.66	3766302.00	0.00025c	(81011224)
365533.66	3766302.00	0.00026	(81122224)	365553.66	3766302.00	0.00029	(81122224)
365573.66	3766302.00	0.00031	(81122224)	365593.66	3766302.00	0.00033	(81122224)
365613.66	3766302.00	0.00035	(81122224)	365633.66	3766302.00	0.00038	(81122224)
365653.66	3766302.00	0.00041	(81122224)	365673.66	3766302.00	0.00044	(81122224)
365693.66	3766302.00	0.00047	(81122224)	365713.66	3766302.00	0.00049	(81122224)
365733.66	3766302.00	0.00049	(81122224)	365753.66	3766302.00	0.00048	(81122224)
365773.66	3766302.00	0.00046	(81122224)	365793.66	3766302.00	0.00043	(81122224)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365813.66	3766302.00	0.00040c	(81103024)	365833.66	3766302.00	0.00039c	(81011224)
365853.66	3766302.00	0.00039c	(81011224)	365873.66	3766302.00	0.00039c	(81011224)
365893.66	3766302.00	0.00038c	(81011224)	365913.66	3766302.00	0.00036c	(81011224)
365933.66	3766302.00	0.00035c	(81011224)	365953.66	3766302.00	0.00033c	(81011224)
365973.66	3766302.00	0.00031c	(81011224)	365993.66	3766302.00	0.00029c	(81011224)
366013.66	3766302.00	0.00028c	(81011224)	366033.66	3766302.00	0.00026c	(81011224)
366053.66	3766302.00	0.00025c	(81011224)	366073.66	3766302.00	0.00023c	(81011224)
366093.66	3766302.00	0.00022c	(81103124)	366113.66	3766302.00	0.00022c	(81103124)
366133.66	3766302.00	0.00022c	(81103124)	366153.66	3766302.00	0.00022c	(81103124)
366173.66	3766302.00	0.00022	(81122224)	366193.66	3766302.00	0.00023	(81122224)
366213.66	3766302.00	0.00023	(81122224)	366233.66	3766302.00	0.00023	(81122224)
366253.66	3766302.00	0.00023	(81122224)	366273.66	3766302.00	0.00023c	(81103024)
366293.66	3766302.00	0.00024c	(81103024)	366313.66	3766302.00	0.00024c	(81103024)
366333.66	3766302.00	0.00024c	(81103024)	366353.66	3766302.00	0.00024c	(81103024)
366373.66	3766302.00	0.00023c	(81103024)	366393.66	3766302.00	0.00023c	(81103024)
366413.66	3766302.00	0.00023c	(81103024)	366433.66	3766302.00	0.00022c	(81103024)
366453.66	3766302.00	0.00021c	(81103024)	366473.66	3766302.00	0.00020c	(81103024)
366493.66	3766302.00	0.00020c	(81103024)	364713.66	3766322.00	0.00034c	(81030424)
364733.66	3766322.00	0.00038c	(81030424)	364753.66	3766322.00	0.00043c	(81102124)
364773.66	3766322.00	0.00048c	(81102124)	364793.66	3766322.00	0.00062c	(81082524)
364813.66	3766322.00	0.00059c	(81021724)	364833.66	3766322.00	0.00078c	(81021424)
364853.66	3766322.00	0.00081c	(81021424)	364873.66	3766322.00	0.00079c	(81091824)
364893.66	3766322.00	0.00069c	(81021424)	364913.66	3766322.00	0.00084c	(81050224)
364933.66	3766322.00	0.00089c	(81050224)	364953.66	3766322.00	0.00082c	(81050224)
364973.66	3766322.00	0.00067c	(81050224)	364993.66	3766322.00	0.00057c	(81101124)
365013.66	3766322.00	0.00053c	(81101124)	365033.66	3766322.00	0.00048c	(81101124)
365053.66	3766322.00	0.00044c	(81101124)	365073.66	3766322.00	0.00041c	(81101124)
365093.66	3766322.00	0.00039c	(81051424)	365113.66	3766322.00	0.00039c	(81051424)
365133.66	3766322.00	0.00037c	(81051424)	365153.66	3766322.00	0.00033c	(81051424)
365173.66	3766322.00	0.00029c	(81021124)	365193.66	3766322.00	0.00027c	(81021124)
365213.66	3766322.00	0.00024c	(81011624)	365233.66	3766322.00	0.00024c	(81011624)
365253.66	3766322.00	0.00025c	(81030624)	365273.66	3766322.00	0.00027c	(81030624)
365293.66	3766322.00	0.00029c	(81030624)	365313.66	3766322.00	0.00030c	(81030624)
365333.66	3766322.00	0.00030c	(81030624)	365353.66	3766322.00	0.00030c	(81030624)
365373.66	3766322.00	0.00030c	(81030624)	365393.66	3766322.00	0.00030c	(81011224)
365413.66	3766322.00	0.00031c	(81011224)	365433.66	3766322.00	0.00032c	(81011224)
365453.66	3766322.00	0.00032c	(81011224)	365473.66	3766322.00	0.00032c	(81011224)
365493.66	3766322.00	0.00031c	(81011224)	365513.66	3766322.00	0.00030c	(81011224)
365533.66	3766322.00	0.00031	(81122224)	365553.66	3766322.00	0.00034	(81122224)
365573.66	3766322.00	0.00035	(81122224)	365593.66	3766322.00	0.00036	(81122224)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

PM10op.POU.txt
*** 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)
365613.66	3766322.00	0.00039	(81122224)	365633.66	3766322.00	0.00042	(81122224)
365653.66	3766322.00	0.00046	(81122224)	365673.66	3766322.00	0.00049	(81122224)
365693.66	3766322.00	0.00053	(81122224)	365713.66	3766322.00	0.00054	(81122224)
365733.66	3766322.00	0.00054	(81122224)	365753.66	3766322.00	0.00053	(81122224)
365773.66	3766322.00	0.00050	(81122224)	365793.66	3766322.00	0.00046	(81122224)
365813.66	3766322.00	0.00044c	(81011224)	365833.66	3766322.00	0.00045c	(81011224)
365853.66	3766322.00	0.00044c	(81011224)	365873.66	3766322.00	0.00043c	(81011224)
365893.66	3766322.00	0.00042c	(81011224)	365913.66	3766322.00	0.00040c	(81011224)
365933.66	3766322.00	0.00038c	(81011224)	365953.66	3766322.00	0.00036c	(81011224)
365973.66	3766322.00	0.00033c	(81011224)	365993.66	3766322.00	0.00031c	(81011224)
366013.66	3766322.00	0.00029c	(81011224)	366033.66	3766322.00	0.00028c	(81011224)
366053.66	3766322.00	0.00026c	(81011224)	366073.66	3766322.00	0.00025c	(81011224)
366093.66	3766322.00	0.00024c	(81103124)	366113.66	3766322.00	0.00024c	(81103124)
366133.66	3766322.00	0.00024c	(81103124)	366153.66	3766322.00	0.00024c	(81103124)
366173.66	3766322.00	0.00024c	(81103124)	366193.66	3766322.00	0.00024	(81122224)
366213.66	3766322.00	0.00024	(81122224)	366233.66	3766322.00	0.00025	(81122224)
366253.66	3766322.00	0.00025c	(81103024)	366273.66	3766322.00	0.00025c	(81103024)
366293.66	3766322.00	0.00025c	(81103024)	366313.66	3766322.00	0.00025c	(81103024)
366333.66	3766322.00	0.00025c	(81103024)	366353.66	3766322.00	0.00025c	(81103024)
366373.66	3766322.00	0.00025c	(81103024)	366393.66	3766322.00	0.00024c	(81103024)
366413.66	3766322.00	0.00023c	(81103024)	366433.66	3766322.00	0.00023c	(81103024)
366453.66	3766322.00	0.00022c	(81103024)	366473.66	3766322.00	0.00021c	(81103024)
366493.66	3766322.00	0.00020c	(81103024)	364713.66	3766342.00	0.00030c	(81030424)
364733.66	3766342.00	0.00031c	(81102124)	364753.66	3766342.00	0.00035c	(81123124)
364773.66	3766342.00	0.00044c	(81082524)	364793.66	3766342.00	0.00046c	(81082524)
364813.66	3766342.00	0.00045c	(81021724)	364833.66	3766342.00	0.00060c	(81021424)
364853.66	3766342.00	0.00059c	(81121724)	364873.66	3766342.00	0.00058c	(81091824)
364893.66	3766342.00	0.00053c	(81091824)	364913.66	3766342.00	0.00054c	(81050224)
364933.66	3766342.00	0.00064c	(81050224)	364953.66	3766342.00	0.00067c	(81050224)
364973.66	3766342.00	0.00061c	(81050224)	364993.66	3766342.00	0.00050c	(81050224)
365013.66	3766342.00	0.00044c	(81102724)	365033.66	3766342.00	0.00043c	(81101124)
365053.66	3766342.00	0.00041c	(81101124)	365073.66	3766342.00	0.00039c	(81101124)
365093.66	3766342.00	0.00037c	(81101124)	365113.66	3766342.00	0.00035c	(81021124)
365133.66	3766342.00	0.00035c	(81021124)	365153.66	3766342.00	0.00033c	(81021124)
365173.66	3766342.00	0.00031c	(81021124)	365193.66	3766342.00	0.00029c	(81021124)
365213.66	3766342.00	0.00027c	(81021124)	365233.66	3766342.00	0.00025c	(81021124)
365253.66	3766342.00	0.00024c	(81011624)	365273.66	3766342.00	0.00026c	(81030624)
365293.66	3766342.00	0.00029c	(81030624)	365313.66	3766342.00	0.00031c	(81030624)
365333.66	3766342.00	0.00033c	(81030624)	365353.66	3766342.00	0.00034c	(81030624)
365373.66	3766342.00	0.00034c	(81030624)	365393.66	3766342.00	0.00034c	(81030624)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040, L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052, L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365413.66	3766342.00	0.00034c	(81011224)	365433.66	3766342.00	0.00035c	(81011224)
365453.66	3766342.00	0.00036c	(81011224)	365473.66	3766342.00	0.00037c	(81011224)
365493.66	3766342.00	0.00037c	(81011224)	365513.66	3766342.00	0.00037c	(81011224)
365533.66	3766342.00	0.00038	(81122224)	365553.66	3766342.00	0.00039	(81122224)
365573.66	3766342.00	0.00039	(81122224)	365593.66	3766342.00	0.00041	(81122224)
365613.66	3766342.00	0.00043	(81122224)	365633.66	3766342.00	0.00047	(81122224)
365653.66	3766342.00	0.00052	(81122224)	365673.66	3766342.00	0.00056	(81122224)
365693.66	3766342.00	0.00060	(81122224)	365713.66	3766342.00	0.00061	(81122224)
365733.66	3766342.00	0.00060	(81122224)	365753.66	3766342.00	0.00057	(81122224)
365773.66	3766342.00	0.00054	(81122224)	365793.66	3766342.00	0.00050c	(81103024)
365813.66	3766342.00	0.00050c	(81011224)	365833.66	3766342.00	0.00050c	(81011224)
365853.66	3766342.00	0.00049c	(81011224)	365873.66	3766342.00	0.00048c	(81011224)
365893.66	3766342.00	0.00046c	(81011224)	365913.66	3766342.00	0.00043c	(81011224)
365933.66	3766342.00	0.00041c	(81011224)	365953.66	3766342.00	0.00038c	(81011224)
365973.66	3766342.00	0.00036c	(81011224)	365993.66	3766342.00	0.00034c	(81011224)
366013.66	3766342.00	0.00032c	(81011224)	366033.66	3766342.00	0.00030c	(81011224)
366053.66	3766342.00	0.00028c	(81011224)	366073.66	3766342.00	0.00026c	(81103124)
366093.66	3766342.00	0.00026c	(81103124)	366113.66	3766342.00	0.00026c	(81103124)
366133.66	3766342.00	0.00026c	(81103124)	366153.66	3766342.00	0.00026c	(81103124)
366173.66	3766342.00	0.00026c	(81103124)	366193.66	3766342.00	0.00026c	(81103124)
366213.66	3766342.00	0.00026c	(81103124)	366233.66	3766342.00	0.00027c	(81103124)
366253.66	3766342.00	0.00026c	(81103124)	366273.66	3766342.00	0.00027c	(81103024)
366293.66	3766342.00	0.00027c	(81103024)	366313.66	3766342.00	0.00027c	(81103024)
366333.66	3766342.00	0.00027c	(81103024)	366353.66	3766342.00	0.00026c	(81103024)
366373.66	3766342.00	0.00026c	(81103024)	366393.66	3766342.00	0.00025c	(81103024)
366413.66	3766342.00	0.00024c	(81103024)	366433.66	3766342.00	0.00023c	(81103024)
366453.66	3766342.00	0.00022c	(81103024)	366473.66	3766342.00	0.00022c	(81103024)
366493.66	3766342.00	0.00021c	(81103024)	364713.66	3766362.00	0.00025c	(81030424)
364733.66	3766362.00	0.00027c	(81123124)	364753.66	3766362.00	0.00032c	(81082524)
364773.66	3766362.00	0.00036c	(81082524)	364793.66	3766362.00	0.00035c	(81021724)
364813.66	3766362.00	0.00038c	(81021424)	364833.66	3766362.00	0.00048c	(81021424)
364853.66	3766362.00	0.00047c	(81121724)	364873.66	3766362.00	0.00045c	(81091824)
364893.66	3766362.00	0.00043c	(81091824)	364913.66	3766362.00	0.00044c	(81021424)
364933.66	3766362.00	0.00045c	(81050224)	364953.66	3766362.00	0.00052c	(81050224)
364973.66	3766362.00	0.00052c	(81050224)	364993.66	3766362.00	0.00047c	(81050224)
365013.66	3766362.00	0.00039c	(81050224)	365033.66	3766362.00	0.00037c	(81082724)
365053.66	3766362.00	0.00036c	(81101124)	365073.66	3766362.00	0.00036c	(81101124)
365093.66	3766362.00	0.00035c	(81101124)	365113.66	3766362.00	0.00033c	(81101124)
365133.66	3766362.00	0.00033c	(81021124)	365153.66	3766362.00	0.00033c	(81021124)
365173.66	3766362.00	0.00032c	(81021124)	365193.66	3766362.00	0.00030c	(81021124)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040, L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052, L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)

365213.66	3766362.00	0.00029c	(81021124)	PM10op.POU.txt	365233.66	3766362.00	0.00028c	(81021124)
365253.66	3766362.00	0.00026c	(81021124)	365273.66	3766362.00	0.00025c	(81021124)	
365293.66	3766362.00	0.00028c	(81030624)	365313.66	3766362.00	0.00031c	(81030624)	
365333.66	3766362.00	0.00035c	(81030624)	365353.66	3766362.00	0.00038c	(81030624)	
365373.66	3766362.00	0.00039c	(81030624)	365393.66	3766362.00	0.00039c	(81030624)	
365413.66	3766362.00	0.00039c	(81030624)	365433.66	3766362.00	0.00039c	(81011224)	
365453.66	3766362.00	0.00041c	(81011224)	365473.66	3766362.00	0.00043c	(81011224)	
365493.66	3766362.00	0.00044c	(81011224)	365513.66	3766362.00	0.00047c	(81011224)	
365533.66	3766362.00	0.00050c	(81011224)	365553.66	3766362.00	0.00051c	(81011224)	
365573.66	3766362.00	0.00051c	(81011224)	365593.66	3766362.00	0.00051c	(81011224)	
365613.66	3766362.00	0.00049c	(81011224)	365633.66	3766362.00	0.00054	(81122224)	
365653.66	3766362.00	0.00060	(81122224)	365673.66	3766362.00	0.00065	(81122224)	
365693.66	3766362.00	0.00068	(81122224)	365713.66	3766362.00	0.00068	(81122224)	
365733.66	3766362.00	0.00067	(81122224)	365753.66	3766362.00	0.00063	(81122224)	
365773.66	3766362.00	0.00058	(81122224)	365793.66	3766362.00	0.00057c	(81011224)	
365813.66	3766362.00	0.00057c	(81011224)	365833.66	3766362.00	0.00056c	(81011224)	
365853.66	3766362.00	0.00055c	(81011224)	365873.66	3766362.00	0.00053c	(81011224)	
365893.66	3766362.00	0.00050c	(81011224)	365913.66	3766362.00	0.00047c	(81011224)	
365933.66	3766362.00	0.00044c	(81011224)	365953.66	3766362.00	0.00041c	(81011224)	
365973.66	3766362.00	0.00039c	(81011224)	365993.66	3766362.00	0.00036c	(81011224)	
366013.66	3766362.00	0.00034c	(81011224)	366033.66	3766362.00	0.00032c	(81011224)	
366053.66	3766362.00	0.00030c	(81011224)	366073.66	3766362.00	0.00029c	(81103124)	
366093.66	3766362.00	0.00029c	(81103124)	366113.66	3766362.00	0.00028c	(81103124)	
366133.66	3766362.00	0.00028c	(81103124)	366153.66	3766362.00	0.00028c	(81103124)	
366173.66	3766362.00	0.00029c	(81103124)	366193.66	3766362.00	0.00029c	(81103124)	
366213.66	3766362.00	0.00029c	(81103124)	366233.66	3766362.00	0.00029c	(81103124)	
366253.66	3766362.00	0.00029c	(81103124)	366273.66	3766362.00	0.00029c	(81103124)	
366293.66	3766362.00	0.00028c	(81103024)	366313.66	3766362.00	0.00028c	(81103024)	
366333.66	3766362.00	0.00028c	(81103024)	366353.66	3766362.00	0.00028c	(81103024)	
366373.66	3766362.00	0.00027c	(81103024)	366393.66	3766362.00	0.00026c	(81103024)	
366413.66	3766362.00	0.00025c	(81103024)	366433.66	3766362.00	0.00024c	(81103024)	
366453.66	3766362.00	0.00023c	(81103024)	366473.66	3766362.00	0.00022c	(81103024)	
366493.66	3766362.00	0.00021c	(81103024)	364713.66	3766382.00	0.00022c	(81123124)	
364733.66	3766382.00	0.00024c	(81082524)	364753.66	3766382.00	0.00029c	(81082524)	
364773.66	3766382.00	0.00028c	(81082524)	364793.66	3766382.00	0.00028c	(81021724)	
364813.66	3766382.00	0.00034c	(81021424)	364833.66	3766382.00	0.00042c	(81121724)	
364853.66	3766382.00	0.00040c	(81121724)	364873.66	3766382.00	0.00036c	(81091824)	
364893.66	3766382.00	0.00036c	(81091824)	364913.66	3766382.00	0.00035c	(81021424)	
364933.66	3766382.00	0.00035c	(81021424)	364953.66	3766382.00	0.00038c	(81050224)	
364973.66	3766382.00	0.00042c	(81050224)	364993.66	3766382.00	0.00041c	(81050224)	

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040, L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052, L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365013.66	3766382.00	0.00037c	(81050224)	365033.66	3766382.00	0.00032c	(81082724)
365053.66	3766382.00	0.00031c	(81082724)	365073.66	3766382.00	0.00032c	(81101124)
365093.66	3766382.00	0.00032c	(81101124)	365113.66	3766382.00	0.00032c	(81101124)
365133.66	3766382.00	0.00031c	(81101124)	365153.66	3766382.00	0.00030c	(81021124)
365173.66	3766382.00	0.00031c	(81021124)	365193.66	3766382.00	0.00031c	(81021124)
365213.66	3766382.00	0.00030c	(81021124)	365233.66	3766382.00	0.00030c	(81021124)
365253.66	3766382.00	0.00029c	(81021124)	365273.66	3766382.00	0.00029c	(81021124)
365293.66	3766382.00	0.00028c	(81021124)	365313.66	3766382.00	0.00029c	(81030624)
365333.66	3766382.00	0.00035c	(81030624)	365353.66	3766382.00	0.00040c	(81030624)
365373.66	3766382.00	0.00044c	(81030624)	365393.66	3766382.00	0.00046c	(81030624)
365413.66	3766382.00	0.00046c	(81030624)	365433.66	3766382.00	0.00046c	(81030624)
365453.66	3766382.00	0.00046c	(81011224)	365473.66	3766382.00	0.00049c	(81011224)
365493.66	3766382.00	0.00054c	(81011224)	365513.66	3766382.00	0.00062c	(81011224)
365533.66	3766382.00	0.00068c	(81011224)	365553.66	3766382.00	0.00070c	(81011224)
365573.66	3766382.00	0.00068c	(81011224)	365593.66	3766382.00	0.00065c	(81011224)
365613.66	3766382.00	0.00061c	(81011224)	365633.66	3766382.00	0.00064	(81122224)
365653.66	3766382.00	0.00072	(81122224)	365673.66	3766382.00	0.00077	(81122224)
365693.66	3766382.00	0.00078	(81122224)	365713.66	3766382.00	0.00078	(81122224)
365733.66	3766382.00	0.00075	(81122224)	365753.66	3766382.00	0.00070	(81122224)
365773.66	3766382.00	0.00065c	(81103024)	365793.66	3766382.00	0.00065c	(81011224)
365813.66	3766382.00	0.00064c	(81011224)	365833.66	3766382.00	0.00063c	(81011224)
365853.66	3766382.00	0.00060c	(81011224)	365873.66	3766382.00	0.00057c	(81011224)
365893.66	3766382.00	0.00054c	(81011224)	365913.66	3766382.00	0.00051c	(81011224)
365933.66	3766382.00	0.00048c	(81011224)	365953.66	3766382.00	0.00045c	(81011224)
365973.66	3766382.00	0.00042c	(81011224)	365993.66	3766382.00	0.00039c	(81011224)
366013.66	3766382.00	0.00037c	(81011224)	366033.66	3766382.00	0.00035c	(81011224)
366053.66	3766382.00	0.00033c	(81103124)	366073.66	3766382.00	0.00032c	(81103124)
366093.66	3766382.00	0.00032c	(81103124)	366113.66	3766382.00	0.00032c	(81103124)
366133.66	3766382.00	0.00032c	(81103124)	366153.66	3766382.00	0.00032c	(81103124)
366173.66	3766382.00	0.00032c	(81103124)	366193.66	3766382.00	0.00032c	(81103124)
366213.66	3766382.00	0.00032c	(81103124)	366233.66	3766382.00	0.00032c	(81103124)
366253.66	3766382.00	0.00032c	(81103124)	366273.66	3766382.00	0.00031c	(81103124)
366293.66	3766382.00	0.00031c	(81103124)	366313.66	3766382.00	0.00030c	(81103024)
366333.66	3766382.00	0.00030c	(81103024)	366353.66	3766382.00	0.00029c	(81103024)
366373.66	3766382.00	0.00028c	(81103024)	366393.66	3766382.00	0.00027c	(81103024)
366413.66	3766382.00	0.00026c	(81103024)	366433.66	3766382.00	0.00025c	(81103024)
366453.66	3766382.00	0.00024c	(81103024)	366473.66	3766382.00	0.00023c	(81103024)
366493.66	3766382.00	0.00022c	(81103024)	364713.66	3766402.00	0.00019c	(81082524)
364733.66	3766402.00	0.00023c	(81082524)	364753.66	3766402.00	0.00024c	(81082524)
364773.66	3766402.00	0.00025	(81042924)	364793.66	3766402.00	0.00023	(81031524)

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040, L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052, L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
364813.66	3766402.00	0.00030c	(81021424)	364833.66	3766402.00	0.00037c	(81121724)
364853.66	3766402.00	0.00034c	(81121024)	364873.66	3766402.00	0.00030c	(81040624)
364893.66	3766402.00	0.00032c	(81122424)	364913.66	3766402.00	0.00028c	(81081524)
364933.66	3766402.00	0.00031c	(81021424)	364953.66	3766402.00	0.00030c	(81011924)
364973.66	3766402.00	0.00033c	(81050224)	364993.66	3766402.00	0.00035c	(81050224)
365013.66	3766402.00	0.00034c	(81050224)	365033.66	3766402.00	0.00030c	(81050224)

365053.66	3766402.00	0.00027c	(81011924)	PM10op.POU.txt	365073.66	3766402.00	0.00029c	(81011924)
365093.66	3766402.00	0.00030c	(81011924)		365113.66	3766402.00	0.00030c	(81011924)
365133.66	3766402.00	0.00029c	(81101124)		365153.66	3766402.00	0.00029c	(81101124)
365173.66	3766402.00	0.00028c	(81101124)		365193.66	3766402.00	0.00029c	(81021124)
365213.66	3766402.00	0.00030c	(81030224)		365233.66	3766402.00	0.00031c	(81030224)
365253.66	3766402.00	0.00031c	(81030224)		365273.66	3766402.00	0.00032c	(81030224)
365293.66	3766402.00	0.00032c	(81021124)		365313.66	3766402.00	0.00032c	(81021124)
365333.66	3766402.00	0.00034c	(81101124)		365353.66	3766402.00	0.00039c	(81030624)
365373.66	3766402.00	0.00048c	(81030624)		365393.66	3766402.00	0.00054c	(81030624)
365413.66	3766402.00	0.00057c	(81011224)		365433.66	3766402.00	0.00057c	(81011224)
365453.66	3766402.00	0.00056c	(81030624)		365473.66	3766402.00	0.00059c	(81011224)
365493.66	3766402.00	0.00074	(81122224)		365513.66	3766402.00	0.00086c	(81011224)
365533.66	3766402.00	0.00095c	(81011224)		365553.66	3766402.00	0.00095c	(81011224)
365573.66	3766402.00	0.00090c	(81011224)		365593.66	3766402.00	0.00084c	(81011224)
365613.66	3766402.00	0.00079c	(81011224)		365633.66	3766402.00	0.00078	(81122224)
365653.66	3766402.00	0.00087	(81122224)		365673.66	3766402.00	0.00091	(81122224)
365693.66	3766402.00	0.00091	(81122224)		365713.66	3766402.00	0.00089	(81122224)
365733.66	3766402.00	0.00084	(81122224)		365753.66	3766402.00	0.00078	(81122224)
365773.66	3766402.00	0.00075c	(81011224)		365793.66	3766402.00	0.00074c	(81011224)
365813.66	3766402.00	0.00072c	(81011224)		365833.66	3766402.00	0.00070c	(81011224)
365853.66	3766402.00	0.00066c	(81011224)		365873.66	3766402.00	0.00062c	(81011224)
365893.66	3766402.00	0.00059c	(81011224)		365913.66	3766402.00	0.00055c	(81011224)
365933.66	3766402.00	0.00051c	(81011224)		365953.66	3766402.00	0.00048c	(81011224)
365973.66	3766402.00	0.00046c	(81011224)		365993.66	3766402.00	0.00043c	(81011224)
366013.66	3766402.00	0.00041c	(81011224)		366033.66	3766402.00	0.00038c	(81011224)
366053.66	3766402.00	0.00036c	(81103124)		366073.66	3766402.00	0.00036c	(81103124)
366093.66	3766402.00	0.00035c	(81103124)		366113.66	3766402.00	0.00035c	(81103124)
366133.66	3766402.00	0.00035c	(81103124)		366153.66	3766402.00	0.00036c	(81103124)
366173.66	3766402.00	0.00036c	(81103124)		366193.66	3766402.00	0.00036c	(81103124)
366213.66	3766402.00	0.00036c	(81103124)		366233.66	3766402.00	0.00036c	(81103124)
366253.66	3766402.00	0.00035c	(81103124)		366273.66	3766402.00	0.00034c	(81103124)
366293.66	3766402.00	0.00033c	(81103124)		366313.66	3766402.00	0.00032c	(81103124)
366333.66	3766402.00	0.00031c	(81103024)		366353.66	3766402.00	0.00030c	(81103024)
366373.66	3766402.00	0.00030c	(81103024)		366393.66	3766402.00	0.00028c	(81103024)

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***MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040, L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052, L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
366413.66	3766402.00	0.00027c	(81103024)	366433.66	3766402.00	0.00026c	(81103024)
366453.66	3766402.00	0.00025c	(81103124)	366473.66	3766402.00	0.00024c	(81103124)
366493.66	3766402.00	0.00022c	(81103024)	364713.66	3766422.00	0.00018c	(81082524)
364733.66	3766422.00	0.00020c	(81082524)	364753.66	3766422.00	0.00022	(81042924)
364773.66	3766422.00	0.00022	(81042924)	364793.66	3766422.00	0.00022	(81031524)
364813.66	3766422.00	0.00028c	(81121724)	364833.66	3766422.00	0.00033c	(81121724)
364853.66	3766422.00	0.00031c	(81121024)	364873.66	3766422.00	0.00025c	(81040624)
364893.66	3766422.00	0.00029c	(81122424)	364913.66	3766422.00	0.00025c	(81081524)
364933.66	3766422.00	0.00027c	(81011924)	364953.66	3766422.00	0.00028c	(81011924)
364973.66	3766422.00	0.00026c	(81011924)	364993.66	3766422.00	0.00029c	(81050224)
365013.66	3766422.00	0.00030c	(81050224)	365033.66	3766422.00	0.00028c	(81050224)
365053.66	3766422.00	0.00026c	(81050224)	365073.66	3766422.00	0.00027c	(81011924)
365093.66	3766422.00	0.00028c	(81011924)	365113.66	3766422.00	0.00029c	(81011924)
365133.66	3766422.00	0.00030c	(81011924)	365153.66	3766422.00	0.00030c	(81011924)
365173.66	3766422.00	0.00030c	(81011924)	365193.66	3766422.00	0.00030c	(81011924)
365213.66	3766422.00	0.00032c	(81030224)	365233.66	3766422.00	0.00034c	(81030224)
365253.66	3766422.00	0.00036c	(81030224)	365273.66	3766422.00	0.00038c	(81030224)
365293.66	3766422.00	0.00040c	(81030224)	365313.66	3766422.00	0.00042c	(81030224)
365333.66	3766422.00	0.00043c	(81030224)	365353.66	3766422.00	0.00043c	(81030224)
365373.66	3766422.00	0.00048c	(81101124)	365393.66	3766422.00	0.00060c	(81030624)
365413.66	3766422.00	0.00074c	(81030624)	365433.66	3766422.00	0.00083c	(81011224)
365453.66	3766422.00	0.00075c	(81011224)	365473.66	3766422.00	0.00086	(81122224)
365493.66	3766422.00	0.00112	(81122224)	365513.66	3766422.00	0.00128c	(81011224)
365533.66	3766422.00	0.00131c	(81011224)	365553.66	3766422.00	0.00128c	(81011224)
365573.66	3766422.00	0.00121c	(81011224)	365593.66	3766422.00	0.00112c	(81011224)
365613.66	3766422.00	0.00103c	(81011224)	365633.66	3766422.00	0.00099	(81122224)
365653.66	3766422.00	0.00109	(81122224)	365673.66	3766422.00	0.00110	(81122224)
365693.66	3766422.00	0.00107	(81122224)	365713.66	3766422.00	0.00103	(81122224)
365733.66	3766422.00	0.00097	(81122224)	365753.66	3766422.00	0.00092c	(81011224)
365773.66	3766422.00	0.00089c	(81011224)	365793.66	3766422.00	0.00085c	(81011224)
365813.66	3766422.00	0.00081c	(81011224)	365833.66	3766422.00	0.00077c	(81011224)
365853.66	3766422.00	0.00072c	(81011224)	365873.66	3766422.00	0.00067c	(81011224)
365893.66	3766422.00	0.00063c	(81011224)	365913.66	3766422.00	0.00059c	(81011224)
365933.66	3766422.00	0.00056c	(81011224)	365953.66	3766422.00	0.00053c	(81011224)
365973.66	3766422.00	0.00050c	(81011224)	365993.66	3766422.00	0.00048c	(81011224)
366013.66	3766422.00	0.00045c	(81011224)	366033.66	3766422.00	0.00041c	(81011224)
366053.66	3766422.00	0.00041c	(81103124)	366073.66	3766422.00	0.00040c	(81103124)
366093.66	3766422.00	0.00040c	(81103124)	366113.66	3766422.00	0.00040c	(81103124)
366133.66	3766422.00	0.00040c	(81103124)	366153.66	3766422.00	0.00040c	(81103124)
366173.66	3766422.00	0.00040c	(81103124)	366193.66	3766422.00	0.00040c	(81103124)

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***MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040, L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052, L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
366213.66	3766422.00	0.00040c	(81103124)	366233.66	3766422.00	0.00039c	(81103124)
366253.66	3766422.00	0.00038c	(81103124)	366273.66	3766422.00	0.00038c	(81103124)
366293.66	3766422.00	0.00036c	(81103124)	366313.66	3766422.00	0.00035c	(81103124)
366333.66	3766422.00	0.00033c	(81103124)	366353.66	3766422.00	0.00032c	(81103024)
366373.66	3766422.00	0.00031c	(81103024)	366393.66	3766422.00	0.00030c	(81103024)
366413.66	3766422.00	0.00029c	(81103124)	366433.66	3766422.00	0.00028c	(81103124)
366453.66	3766422.00	0.00026c	(81103124)	366473.66	3766422.00	0.00025c	(81103124)
366493.66	3766422.00	0.00023c	(81103124)	364713.66	3766442.00	0.00017	(81042924)
364733.66	3766442.00	0.00019	(81042924)	364753.66	3766442.00	0.00021	(81042924)
364773.66	3766442.00	0.00020	(81042924)	364793.66	3766442.00	0.00020	(81031524)
364813.66	3766442.00	0.00026c	(81121724)	364833.66	3766442.00	0.00029c	(81121724)
364853.66	3766442.00	0.00028c	(81121024)	364873.66	3766442.00	0.00023c	(81121024)

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**MODELOPTS: CONC                                URBAN  FLAT      DEFAULT                                PAGE 120

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION  VALUES FOR SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S):  L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . .

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**MODELOPTS: CONC                                URBAN  FLAT      DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
      INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . .

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*** 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)
365813.66	3766462.00	0.00106C	(81011224)	365833.66	3766462.00	0.00093C	(81011224)
365853.66	3766462.00	0.00084C	(81011224)	365873.66	3766462.00	0.00078C	(81011224)
365893.66	3766462.00	0.00076C	(81103124)	365913.66	3766462.00	0.00073C	(81103124)
365933.66	3766462.00	0.00069C	(81011224)	365953.66	3766462.00	0.00066C	(81011224)
365973.66	3766462.00	0.00063C	(81011224)	365993.66	3766462.00	0.00059C	(81011224)
366013.66	3766462.00	0.00054C	(81011224)	366033.66	3766462.00	0.00052C	(81103124)
366053.66	3766462.00	0.00052C	(81103124)	366073.66	3766462.00	0.00051C	(81103124)
366093.66	3766462.00	0.00052C	(81103124)	366113.66	3766462.00	0.00052C	(81103124)
366133.66	3766462.00	0.00051C	(81103124)	366153.66	3766462.00	0.00051C	(81103124)
366173.66	3766462.00	0.00050C	(81103124)	366193.66	3766462.00	0.00049C	(81103124)
366213.66	3766462.00	0.00048C	(81103124)	366233.66	3766462.00	0.00047C	(81103124)
366253.66	3766462.00	0.00046C	(81103124)	366273.66	3766462.00	0.00044C	(81103124)
366293.66	3766462.00	0.00043C	(81103124)	366313.66	3766462.00	0.00041C	(81103124)
366333.66	3766462.00	0.00039C	(81103124)	366353.66	3766462.00	0.00037C	(81103124)
366373.66	3766462.00	0.00035C	(81103124)	366393.66	3766462.00	0.00034C	(81103124)
366413.66	3766462.00	0.00033C	(81103124)	366433.66	3766462.00	0.00031C	(81103124)
366453.66	3766462.00	0.00029C	(81103124)	366473.66	3766462.00	0.00028C	(81103124)
366493.66	3766462.00	0.00026C	(81103124)	364713.66	3766482.00	0.00016	(81042924)

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364733.66 3766482.00 0.00017 (81042924) PM10op.POU.txt 364733.66 3766482.00 0.00017 (81042924)
364773.66 3766482.00 0.00016 (81031524) 364793.66 3766482.00 0.00018c (81121724)
364813.66 3766482.00 0.00022c (81121724) 364833.66 3766482.00 0.00024c (81121024)
364853.66 3766482.00 0.00024c (81121024) 364873.66 3766482.00 0.00021c (81121024)
364893.66 3766482.00 0.00019c (81122424) 364913.66 3766482.00 0.00019c (81122424)
364933.66 3766482.00 0.00018c (81081524) 364953.66 3766482.00 0.00019c (81011924)
364973.66 3766482.00 0.00020c (81011924) 364993.66 3766482.00 0.00020c (81011924)
365013.66 3766482.00 0.00022c (81121024) 365033.66 3766482.00 0.00024c (81121024)
365053.66 3766482.00 0.00024c (81121024) 365073.66 3766482.00 0.00025c (81061224)
365093.66 3766482.00 0.00026c (81061224) 365113.66 3766482.00 0.00027c (81061224)
365133.66 3766482.00 0.00027c (81061224) 365153.66 3766482.00 0.00028c (81061224)
365173.66 3766482.00 0.00029c (81061224) 365193.66 3766482.00 0.00031c (81030124)
365213.66 3766482.00 0.00033c (81030124) 365233.66 3766482.00 0.00035c (81030124)
365253.66 3766482.00 0.00038c (81030124) 365273.66 3766482.00 0.00042c (81030124)
365293.66 3766482.00 0.00046c (81030124) 365313.66 3766482.00 0.00052c (81030124)
365333.66 3766482.00 0.00060c (81030124) 365353.66 3766482.00 0.00071c (81030124)
365373.66 3766482.00 0.00086c (81030124) 365393.66 3766482.00 0.00109c (81030124)
365413.66 3766482.00 0.00149c (81112724) 365433.66 3766482.00 0.00221c (81112724)
365453.66 3766482.00 0.00365c (81041924) 365473.66 3766482.00 0.00260c (81011924)
365493.66 3766482.00 0.00287c (81101124) 365513.66 3766482.00 0.00260c (81030224)
365533.66 3766482.00 0.00245c (81030224) 365553.66 3766482.00 0.00231c (81121524)
365573.66 3766482.00 0.00362c (81011224) 365593.66 3766482.00 0.00383c (81011224)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
*** 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)
365613.66 3766482.00 0.00373c (81011224) 365633.66 3766482.00 0.00362c (81011224)
365653.66 3766482.00 0.00331c (81011224) 365673.66 3766482.00 0.00290c (81011224)
365693.66 3766482.00 0.00250c (81011224) 365713.66 3766482.00 0.00224c (81103124)
365733.66 3766482.00 0.00204c (81103124) 365753.66 3766482.00 0.00180c (81103124)
365773.66 3766482.00 0.00164c (81011224) 365793.66 3766482.00 0.00145c (81011224)
365813.66 3766482.00 0.00124c (81011224) 365833.66 3766482.00 0.00106c (81103124)
365853.66 3766482.00 0.00099c (81103124) 365873.66 3766482.00 0.00095c (81103124)
365893.66 3766482.00 0.00093c (81103124) 365913.66 3766482.00 0.00088c (81103124)
365933.66 3766482.00 0.00080c (81103124) 365953.66 3766482.00 0.00076c (81011224)
365973.66 3766482.00 0.00072c (81011224) 365993.66 3766482.00 0.00066c (81011224)
366013.66 3766482.00 0.00060c (81011224) 366033.66 3766482.00 0.00059c (81103124)
366053.66 3766482.00 0.00059c (81103124) 366073.66 3766482.00 0.00059c (81103124)
366093.66 3766482.00 0.00059c (81103124) 366113.66 3766482.00 0.00059c (81103124)
366133.66 3766482.00 0.00058c (81103124) 366153.66 3766482.00 0.00057c (81103124)
366173.66 3766482.00 0.00056c (81103124) 366193.66 3766482.00 0.00054c (81103124)
366213.66 3766482.00 0.00053c (81103124) 366233.66 3766482.00 0.00051c (81103124)
366253.66 3766482.00 0.00050c (81103124) 366273.66 3766482.00 0.00048c (81103124)
366293.66 3766482.00 0.00046c (81103124) 366313.66 3766482.00 0.00044c (81103124)
366333.66 3766482.00 0.00042c (81103124) 366353.66 3766482.00 0.00040c (81103124)
366373.66 3766482.00 0.00038c (81103124) 366393.66 3766482.00 0.00036c (81103124)
366413.66 3766482.00 0.00034c (81103124) 366433.66 3766482.00 0.00033c (81103124)
366453.66 3766482.00 0.00031c (81103124) 366473.66 3766482.00 0.00029c (81103124)
366493.66 3766482.00 0.00027c (81103124) 364713.66 3766502.00 0.00015 (81042924)
364733.66 3766502.00 0.00016 (81042924) 364753.66 3766502.00 0.00015 (81042924)
364773.66 3766502.00 0.00015c (81112424) 364793.66 3766502.00 0.00017c (81121724)
364813.66 3766502.00 0.00020c (81121024) 364833.66 3766502.00 0.00022c (81121024)
364853.66 3766502.00 0.00022c (81121024) 364873.66 3766502.00 0.00019c (81121024)
364893.66 3766502.00 0.00017c (81122424) 364913.66 3766502.00 0.00017c (81122424)
364933.66 3766502.00 0.00016c (81081524) 364953.66 3766502.00 0.00017c (81011924)
364973.66 3766502.00 0.00018c (81011924) 364993.66 3766502.00 0.00018c (81010324)
365013.66 3766502.00 0.00020c (81121024) 365033.66 3766502.00 0.00021c (81121024)
365053.66 3766502.00 0.00022c (81121024) 365073.66 3766502.00 0.00024c (81061224)
365093.66 3766502.00 0.00026c (81061224) 365113.66 3766502.00 0.00027c (81061224)
365133.66 3766502.00 0.00029c (81030124) 365153.66 3766502.00 0.00031c (81030124)
365173.66 3766502.00 0.00033c (81030124) 365193.66 3766502.00 0.00036c (81030124)
365213.66 3766502.00 0.00039c (81030124) 365233.66 3766502.00 0.00042c (81030124)
365253.66 3766502.00 0.00046c (81030124) 365273.66 3766502.00 0.00050c (81030124)
365293.66 3766502.00 0.00055c (81030124) 365313.66 3766502.00 0.00061c (81030124)
365333.66 3766502.00 0.00068c (81030124) 365353.66 3766502.00 0.00077c (81030124)
365373.66 3766502.00 0.00087c (81030124) 365393.66 3766502.00 0.00099c (81112724)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
*** 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)
365413.66 3766502.00 0.00117c (81112724) 365433.66 3766502.00 0.00137c (81112724)
365453.66 3766502.00 0.00187c (81041924) 365473.66 3766502.00 0.00257c (81041924)
365493.66 3766502.00 0.00299c (81041924) 365513.66 3766502.00 0.00307c (81041924)
365533.66 3766502.00 0.00303c (81112724) 365553.66 3766502.00 0.00360c (81112724)
365573.66 3766502.00 0.00286c (81030224) 365593.66 3766502.00 0.00331c (81030224)
365613.66 3766502.00 0.00305c (81112524) 365633.66 3766502.00 0.00376c (81011224)
365653.66 3766502.00 0.00585c (81011224) 365673.66 3766502.00 0.00522c (81011224)
365693.66 3766502.00 0.00426c (81011224) 365713.66 3766502.00 0.00360c (81103124)
365733.66 3766502.00 0.00313c (81103124) 365753.66 3766502.00 0.00261c (81103124)
365773.66 3766502.00 0.00212c (81011224) 365793.66 3766502.00 0.00175c (81011224)
365813.66 3766502.00 0.00151c (81103124) 365833.66 3766502.00 0.00136c (81103124)
365853.66 3766502.00 0.00126c (81103124) 365873.66 3766502.00 0.00118c (81103124)
365893.66 3766502.00 0.00116c (81103124) 365913.66 3766502.00 0.00107c (81103124)
365933.66 3766502.00 0.00095c (81011224) 365953.66 3766502.00 0.00090c (81011224)
365973.66 3766502.00 0.00082c (81011224) 365993.66 3766502.00 0.00074c (81011224)
366013.66 3766502.00 0.00068c (81103124) 366033.66 3766502.00 0.00068c (81103124)
366053.66 3766502.00 0.00068c (81103124) 366073.66 3766502.00 0.00068c (81103124)
366093.66 3766502.00 0.00068c (81103124) 366113.66 3766502.00 0.00067c (81103124)
366133.66 3766502.00 0.00066c (81103124) 366153.66 3766502.00 0.00064c (81103124)
366173.66 3766502.00 0.00062c (81103124) 366193.66 3766502.00 0.00060c (81103124)
366213.66 3766502.00 0.00058c (81103124) 366233.66 3766502.00 0.00056c (81103124)
366253.66 3766502.00 0.00055c (81103124) 366273.66 3766502.00 0.00053c (81103124)
366293.66 3766502.00 0.00051c (81103124) 366313.66 3766502.00 0.00048c (81103124)
366333.66 3766502.00 0.00045c (81103124) 366353.66 3766502.00 0.00043c (81103024)

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366373.66 3766502.00 0.00041c (81103124) PM10op.POU.txt 366393.66 3766502.00 0.00039c (81103124)
366413.66 3766502.00 0.00036c (81103124) 366433.66 3766502.00 0.00034c (81103124)
366453.66 3766502.00 0.00032c (81103124) 366473.66 3766502.00 0.00030c (81103124)
366493.66 3766502.00 0.00028c (81110224) 364713.66 3766522.00 0.00014 (81042924)
364733.66 3766522.00 0.00014 (81042924) 364753.66 3766522.00 0.00014 (81042924)
364773.66 3766522.00 0.00014c (81112424) 364793.66 3766522.00 0.00016c (81121024)
364813.66 3766522.00 0.00019c (81121024) 364833.66 3766522.00 0.00020c (81121024)
364853.66 3766522.00 0.00020c (81121024) 364873.66 3766522.00 0.00018c (81121024)
364893.66 3766522.00 0.00016c (81030124) 364913.66 3766522.00 0.00016c (81030124)
364933.66 3766522.00 0.00017c (81030124) 364953.66 3766522.00 0.00018c (81030124)
364973.66 3766522.00 0.00019c (81030124) 364993.66 3766522.00 0.00020c (81030124)
365013.66 3766522.00 0.00021c (81030124) 365033.66 3766522.00 0.00022c (81030124)
365053.66 3766522.00 0.00024c (81030124) 365073.66 3766522.00 0.00025c (81030124)
365093.66 3766522.00 0.00027c (81030124) 365113.66 3766522.00 0.00029c (81030124)
365133.66 3766522.00 0.00031c (81030124) 365153.66 3766522.00 0.00034c (81030124)
365173.66 3766522.00 0.00036c (81030124) 365193.66 3766522.00 0.00039c (81030124)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,

L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365213.66 3766522.00 0.00042c (81030124) 365233.66 3766522.00 0.00045c (81030124)
365253.66 3766522.00 0.00049c (81030124) 365273.66 3766522.00 0.00053c (81030124)
365293.66 3766522.00 0.00057c (81030124) 365313.66 3766522.00 0.00061c (81030124)
365333.66 3766522.00 0.00066c (81030124) 365353.66 3766522.00 0.00072c (81030124)
365373.66 3766522.00 0.00078c (81030124) 365393.66 3766522.00 0.00085c (81030124)
365413.66 3766522.00 0.00094c (81030124) 365433.66 3766522.00 0.00104c (81041924)
365453.66 3766522.00 0.00134c (81041924) 365473.66 3766522.00 0.00164c (81041924)
365493.66 3766522.00 0.00187c (81041924) 365513.66 3766522.00 0.00221c (81041924)
365533.66 3766522.00 0.00272c (81041924) 365553.66 3766522.00 0.00342c (81041924)
365573.66 3766522.00 0.00449c (81041924) 365593.66 3766522.00 0.00391c (81030124)
365613.66 3766522.00 0.00407c (81112724) 365633.66 3766522.00 0.00432c (81112724)
365653.66 3766522.00 0.00432c (81030224) 365673.66 3766522.00 0.00394c (81030224)
365693.66 3766522.00 0.00436c (81112524) 365713.66 3766522.00 0.00443c (81011224)
365733.66 3766522.00 0.00550c (81103124) 365753.66 3766522.00 0.00424c (81103124)
365773.66 3766522.00 0.00303c (81103124) 365793.66 3766522.00 0.00242c (81103124)
365813.66 3766522.00 0.00206c (81103124) 365833.66 3766522.00 0.00179c (81103124)
365853.66 3766522.00 0.00163c (81103124) 365873.66 3766522.00 0.00153c (81103124)
365893.66 3766522.00 0.00148c (81103124) 365913.66 3766522.00 0.00130c (81103124)
365933.66 3766522.00 0.00118c (81011224) 365953.66 3766522.00 0.00109c (81011224)
365973.66 3766522.00 0.00095c (81011224) 365993.66 3766522.00 0.00084c (81011224)
366013.66 3766522.00 0.00079c (81103124) 366033.66 3766522.00 0.00079c (81103124)
366053.66 3766522.00 0.00079c (81103124) 366073.66 3766522.00 0.00079c (81103124)
366093.66 3766522.00 0.00078c (81103124) 366113.66 3766522.00 0.00077c (81103124)
366133.66 3766522.00 0.00074c (81103124) 366153.66 3766522.00 0.00072c (81103124)
366173.66 3766522.00 0.00069c (81103124) 366193.66 3766522.00 0.00067c (81103124)
366213.66 3766522.00 0.00064c (81103124) 366233.66 3766522.00 0.00062c (81103124)
366253.66 3766522.00 0.00060c (81103124) 366273.66 3766522.00 0.00058c (81103124)
366293.66 3766522.00 0.00056c (81103124) 366313.66 3766522.00 0.00053c (81103124)
366333.66 3766522.00 0.00050c (81103024) 366353.66 3766522.00 0.00047c (81103024)
366373.66 3766522.00 0.00044c (81103024) 366393.66 3766522.00 0.00041c (81103124)
366413.66 3766522.00 0.00039c (81103124) 366433.66 3766522.00 0.00036c (81103124)
366453.66 3766522.00 0.00034c (81103124) 366473.66 3766522.00 0.00032c (81103124)
366493.66 3766522.00 0.00030c (81110224) 364713.66 3766542.00 0.00013 (81042924)
364733.66 3766542.00 0.00013 (81042924) 364753.66 3766542.00 0.00013c (81030124)
364773.66 3766542.00 0.00014c (81112424) 364793.66 3766542.00 0.00015c (81121024)
364813.66 3766542.00 0.00017c (81121024) 364833.66 3766542.00 0.00018c (81121024)
364853.66 3766542.00 0.00018c (81121024) 364873.66 3766542.00 0.00016c (81030124)
364893.66 3766542.00 0.00017c (81030124) 364913.66 3766542.00 0.00018c (81030124)
364933.66 3766542.00 0.00018c (81030124) 364953.66 3766542.00 0.00019c (81030124)
364973.66 3766542.00 0.00020c (81030124) 364993.66 3766542.00 0.00021c (81030124)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,

L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365013.66 3766542.00 0.00022c (81030124) 365033.66 3766542.00 0.00024c (81030124)
365053.66 3766542.00 0.00025c (81030124) 365073.66 3766542.00 0.00027c (81030124)
365093.66 3766542.00 0.00029c (81030124) 365113.66 3766542.00 0.00031c (81030124)
365133.66 3766542.00 0.00033c (81030124) 365153.66 3766542.00 0.00035c (81030124)
365173.66 3766542.00 0.00038c (81030124) 365193.66 3766542.00 0.00040c (81030124)
365213.66 3766542.00 0.00043c (81030124) 365233.66 3766542.00 0.00045c (81030124)
365253.66 3766542.00 0.00048c (81030124) 365273.66 3766542.00 0.00051c (81030124)
365293.66 3766542.00 0.00055c (81030124) 365313.66 3766542.00 0.00058c (81030124)
365333.66 3766542.00 0.00062c (81030124) 365353.66 3766542.00 0.00066c (81030124)
365373.66 3766542.00 0.00070c (81030124) 365393.66 3766542.00 0.00076c (81030124)
365413.66 3766542.00 0.00082c (81030124) 365433.66 3766542.00 0.00089c (81030124)
365453.66 3766542.00 0.00107c (81041924) 365473.66 3766542.00 0.00125c (81041924)
365493.66 3766542.00 0.00143c (81041924) 365513.66 3766542.00 0.00161c (81041924)
365533.66 3766542.00 0.00188c (81041924) 365553.66 3766542.00 0.00225c (81123124)
365573.66 3766542.00 0.00283c (81123124) 365593.66 3766542.00 0.00361c (81123124)
365613.66 3766542.00 0.00448c (81123124) 365633.66 3766542.00 0.00536c (81123124)
365653.66 3766542.00 0.00556c (81041924) 365673.66 3766542.00 0.00563c (81101124)
365693.66 3766542.00 0.00549c (81101124) 365713.66 3766542.00 0.00505c (81121024)
365733.66 3766542.00 0.00449c (81121924) 365753.66 3766542.00 0.00402c (81122524)
365773.66 3766542.00 0.00364c (81112524) 365793.66 3766542.00 0.00313c (81112524)
365813.66 3766542.00 0.00306c (81103124) 365833.66 3766542.00 0.00264c (81011224)
365853.66 3766542.00 0.00241c (81011224) 365873.66 3766542.00 0.00226c (81103124)
365893.66 3766542.00 0.00204c (81103124) 365913.66 3766542.00 0.00175c (81103024)
365933.66 3766542.00 0.00157c (81011224) 365953.66 3766542.00 0.00130c (81011224)
365973.66 3766542.00 0.00111c (81011224) 365993.66 3766542.00 0.00101c (81011224)
366013.66 3766542.00 0.00094c (81103124) 366033.66 3766542.00 0.00094c (81103124)
366053.66 3766542.00 0.00095c (81103124) 366073.66 3766542.00 0.00094c (81103124)
366093.66 3766542.00 0.00093c (81103124) 366113.66 3766542.00 0.00089c (81103124)
366133.66 3766542.00 0.00086c (81103124) 366153.66 3766542.00 0.00082c (81103124)
366173.66 3766542.00 0.00079c (81103124) 366193.66 3766542.00 0.00076c (81103124)

**MODELOPTs: CONC URBAN FLAT DFAULT PAGE 126

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

CONC OF PM-10 IN MICROGRAMS/M³

364813.66	3766562.00	0.00016c (81121024)	364833.66	3766562.00	0.00016c (81121024)

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1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\EXP0hra.isc ***
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**MODELOPTS: CONC          URBAN  FLAT          DFAULT

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF PM-10      IN MICROGRAMS/M**3

```

366413.66	3766562.00	0.00045c (81103124)	366413.66	3766562.00	0.00043c (81103124)

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366053.66 3766582.00 0.00176c (81011224) PM10op.POU.txt 366073.66 3766582.00 0.00169c (81011224)
366093.66 3766582.00 0.00158c (81011224) 366113.66 3766582.00 0.00147c (81011224)
366133.66 3766582.00 0.00135c (81011224) 366153.66 3766582.00 0.00125c (81011224)
366173.66 3766582.00 0.00115c (81103124) 366193.66 3766582.00 0.00109c (81103124)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\Expo\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 128

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
*** 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)
366213.66 3766582.00 0.00103c (81103124) 366233.66 3766582.00 0.00098c (81103124)
366253.66 3766582.00 0.00093c (81103124) 366273.66 3766582.00 0.00089c (81103124)
366293.66 3766582.00 0.00084c (81103124) 366313.66 3766582.00 0.00078c (81103124)
366333.66 3766582.00 0.00072c (81103024) 366353.66 3766582.00 0.00065c (81103024)
366373.66 3766582.00 0.00058c (81103124) 366393.66 3766582.00 0.00053c (81103124)
366413.66 3766582.00 0.00049c (81103124) 366433.66 3766582.00 0.00046c (81103124)
366453.66 3766582.00 0.00044c (81103124) 366473.66 3766582.00 0.00042c (81103124)
366493.66 3766582.00 0.00038c (81103124) 366493.66 3766602.00 0.00014c (81030124)
364733.66 3766602.00 0.00014c (81030124) 364753.66 3766602.00 0.00015c (81030124)
364773.66 3766602.00 0.00015c (81030124) 364793.66 3766602.00 0.00016c (81030124)
364813.66 3766602.00 0.00016c (81030124) 364833.66 3766602.00 0.00017c (81030124)
364853.66 3766602.00 0.00018c (81030124) 364873.66 3766602.00 0.00018c (81030124)
364893.66 3766602.00 0.00019c (81030124) 364913.66 3766602.00 0.00020c (81030124)
364933.66 3766602.00 0.00020c (81030124) 364953.66 3766602.00 0.00021c (81030124)
364973.66 3766602.00 0.00022c (81030124) 364993.66 3766602.00 0.00023c (81030124)
365013.66 3766602.00 0.00024c (81030124) 365033.66 3766602.00 0.00025c (81030124)
365053.66 3766602.00 0.00026c (81030124) 365073.66 3766602.00 0.00027c (81030124)
365093.66 3766602.00 0.00028c (81030124) 365113.66 3766602.00 0.00029c (81030124)
365133.66 3766602.00 0.00030c (81030124) 365153.66 3766602.00 0.00031c (81030124)
365173.66 3766602.00 0.00033c (81030124) 365193.66 3766602.00 0.00034c (81030124)
365213.66 3766602.00 0.00035c (81030124) 365233.66 3766602.00 0.00037c (81030124)
365253.66 3766602.00 0.00038c (81030124) 365273.66 3766602.00 0.00040c (81030124)
365293.66 3766602.00 0.00041c (81030124) 365313.66 3766602.00 0.00043c (81030124)
365333.66 3766602.00 0.00044c (81030124) 365353.66 3766602.00 0.00046c (81123124)
365373.66 3766602.00 0.00051c (81123124) 365393.66 3766602.00 0.00056c (81123124)
365413.66 3766602.00 0.00059c (81123124) 365433.66 3766602.00 0.00065c (81123124)
365453.66 3766602.00 0.00072c (81123124) 365473.66 3766602.00 0.00078c (81123124)
365493.66 3766602.00 0.00083c (81123124) 365513.66 3766602.00 0.00089c (81123124)
365533.66 3766602.00 0.00096c (81123124) 365553.66 3766602.00 0.00104c (81123124)
365573.66 3766602.00 0.00112c (81123124) 365593.66 3766602.00 0.00121c (81123124)
365613.66 3766602.00 0.00131c (81123124) 365633.66 3766602.00 0.00140c (81021424)
365653.66 3766602.00 0.00157c (81021424) 365673.66 3766602.00 0.00169c (81021424)
365693.66 3766602.00 0.00178c (81021424) 365713.66 3766602.00 0.00185c (81021424)
365733.66 3766602.00 0.00195c (81050224) 365753.66 3766602.00 0.00219c (81050224)
365773.66 3766602.00 0.00225c (81050224) 365793.66 3766602.00 0.00222c (81101124)
365813.66 3766602.00 0.00239c (81123124) 365833.66 3766602.00 0.00270c (81082524)
365853.66 3766602.00 0.00293c (81082524) 365873.66 3766602.00 0.00315c (81081024)
365893.66 3766602.00 0.00374c (81121024) 365913.66 3766602.00 0.00402c (81050224)
365933.66 3766602.00 0.00338c (81101124) 365953.66 3766602.00 0.00274c (81121924)
365973.66 3766602.00 0.00253c (81121924) 365993.66 3766602.00 0.00238c (81112524)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\Expo\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 129

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
*** 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)
366013.66 3766602.00 0.00218c (81112524) 366033.66 3766602.00 0.00348c (81011224)
366053.66 3766602.00 0.00328c (81011224) 366073.66 3766602.00 0.00286c (81011224)
366093.66 3766602.00 0.00249c (81011224) 366113.66 3766602.00 0.00219c (81011224)
366133.66 3766602.00 0.00195c (81011224) 366153.66 3766602.00 0.00175c (81011224)
366173.66 3766602.00 0.00157c (81011224) 366193.66 3766602.00 0.00144c (81103124)
366213.66 3766602.00 0.00134c (81103124) 366233.66 3766602.00 0.00125c (81103124)
366253.66 3766602.00 0.00117c (81103124) 366273.66 3766602.00 0.00110c (81103124)
366293.66 3766602.00 0.00103c (81103124) 366313.66 3766602.00 0.00093c (81103124)
366333.66 3766602.00 0.00084c (81103024) 366353.66 3766602.00 0.00074c (81103124)
366373.66 3766602.00 0.00066c (81103124) 366393.66 3766602.00 0.00060c (81103124)
366413.66 3766602.00 0.00055c (81103124) 366433.66 3766602.00 0.00052c (81103124)
366453.66 3766602.00 0.00050c (81103124) 366473.66 3766602.00 0.00047c (81103124)
366493.66 3766602.00 0.00043c (81103124) 364713.66 3766622.00 0.00014c (81030124)
364733.66 3766622.00 0.00015c (81030124) 364753.66 3766622.00 0.00015c (81030124)
364773.66 3766622.00 0.00016c (81030124) 364793.66 3766622.00 0.00016c (81030124)
364813.66 3766622.00 0.00017c (81030124) 364833.66 3766622.00 0.00017c (81030124)
364853.66 3766622.00 0.00018c (81030124) 364873.66 3766622.00 0.00018c (81030124)
364893.66 3766622.00 0.00019c (81030124) 364913.66 3766622.00 0.00020c (81030124)
364933.66 3766622.00 0.00020c (81030124) 364953.66 3766622.00 0.00021c (81030124)
364973.66 3766622.00 0.00021c (81030124) 364993.66 3766622.00 0.00022c (81030124)
365013.66 3766622.00 0.00023c (81030124) 365033.66 3766622.00 0.00024c (81030124)
365053.66 3766622.00 0.00024c (81030124) 365073.66 3766622.00 0.00025c (81030124)
365093.66 3766622.00 0.00026c (81030124) 365113.66 3766622.00 0.00027c (81030124)
365133.66 3766622.00 0.00028c (81030124) 365153.66 3766622.00 0.00029c (81030124)
365173.66 3766622.00 0.00030c (81030124) 365193.66 3766622.00 0.00031c (81030124)
365213.66 3766622.00 0.00032c (81030124) 365233.66 3766622.00 0.00033c (81030124)
365253.66 3766622.00 0.00034c (81030124) 365273.66 3766622.00 0.00035c (81030124)
365293.66 3766622.00 0.00036c (81030124) 365313.66 3766622.00 0.00037c (81123124)
365333.66 3766622.00 0.00041c (81123124) 365353.66 3766622.00 0.00044c (81123124)
365373.66 3766622.00 0.00048c (81123124) 365393.66 3766622.00 0.00051c (81123124)
365413.66 3766622.00 0.00053c (81123124) 365433.66 3766622.00 0.00057c (81123124)
365453.66 3766622.00 0.00063c (81123124) 365473.66 3766622.00 0.00067c (81123124)
365493.66 3766622.00 0.00071c (81123124) 365513.66 3766622.00 0.00075c (81123124)
365533.66 3766622.00 0.00080c (81123124) 365553.66 3766622.00 0.00084c (81123124)
365573.66 3766622.00 0.00089c (81123124) 365593.66 3766622.00 0.00095c (81123124)
365613.66 3766622.00 0.00101c (81123124) 365633.66 3766622.00 0.00109c (81021424)
365653.66 3766622.00 0.00119c (81021424) 365673.66 3766622.00 0.00128c (81021424)
365693.66 3766622.00 0.00135c (81021424) 365713.66 3766622.00 0.00138c (81021424)
365733.66 3766622.00 0.00137c (81021424) 365753.66 3766622.00 0.00152c (81050224)
365773.66 3766622.00 0.00161c (81050224) 365793.66 3766622.00 0.00160c (81050224)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\Expo\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
 L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
 L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365813.66	3766622.00	0.00161c	(81082524)	365833.66	3766622.00	0.00169c	(81082524)
365853.66	3766622.00	0.00172c	(81081024)	365873.66	3766622.00	0.00193c	(81082524)
365893.66	3766622.00	0.00211c	(81121024)	365913.66	3766622.00	0.00212c	(81081024)
365933.66	3766622.00	0.00249c	(81121024)	365953.66	3766622.00	0.00268c	(81121024)
365973.66	3766622.00	0.00240c	(81092824)	365993.66	3766622.00	0.00278c	(81112724)
366013.66	3766622.00	0.00281c	(81112724)	366033.66	3766622.00	0.00265c	(81030224)
366053.66	3766622.00	0.00263c	(81112524)	366073.66	3766622.00	0.00315c	(81110224)
366093.66	3766622.00	0.00327c	(81011224)	366113.66	3766622.00	0.00368c	(81011224)
366133.66	3766622.00	0.00327c	(81011224)	366153.66	3766622.00	0.00281c	(81011224)
366173.66	3766622.00	0.00242c	(81011224)	366193.66	3766622.00	0.00210c	(81103124)
366213.66	3766622.00	0.00189c	(81103124)	366233.66	3766622.00	0.00172c	(81103124)
366253.66	3766622.00	0.00157c	(81103124)	366273.66	3766622.00	0.00144c	(81103124)
366293.66	3766622.00	0.00132c	(81103124)	366313.66	3766622.00	0.00117c	(81103124)
366333.66	3766622.00	0.00102c	(81103124)	366353.66	3766622.00	0.00088c	(81103124)
366373.66	3766622.00	0.00077c	(81103124)	366393.66	3766622.00	0.00070c	(81103124)
366413.66	3766622.00	0.00064c	(81103124)	366433.66	3766622.00	0.00060c	(81103124)
366453.66	3766622.00	0.00057c	(81103124)	366473.66	3766622.00	0.00053c	(81103124)
366493.66	3766622.00	0.00048c	(81103124)	366473.66	3766642.00	0.00014c	(81030124)
366473.66	3766642.00	0.00015c	(81030124)	366473.66	3766642.00	0.00015c	(81030124)
366473.66	3766642.00	0.00016c	(81030124)	366473.66	3766642.00	0.00016c	(81030124)
3664813.66	3766642.00	0.00017c	(81030124)	3664833.66	3766642.00	0.00017c	(81030124)
3664853.66	3766642.00	0.00017c	(81030124)	3664873.66	3766642.00	0.00018c	(81030124)
3664893.66	3766642.00	0.00018c	(81030124)	3664913.66	3766642.00	0.00019c	(81030124)
3664933.66	3766642.00	0.00020c	(81030124)	3664953.66	3766642.00	0.00020c	(81030124)
3664973.66	3766642.00	0.00021c	(81030124)	3664993.66	3766642.00	0.00021c	(81030124)
3665013.66	3766642.00	0.00022c	(81030124)	3665033.66	3766642.00	0.00022c	(81030124)
3665053.66	3766642.00	0.00023c	(81030124)	3665073.66	3766642.00	0.00023c	(81030124)
3665093.66	3766642.00	0.00024c	(81030124)	3665113.66	3766642.00	0.00025c	(81030124)
3665133.66	3766642.00	0.00025c	(81030124)	3665153.66	3766642.00	0.00026c	(81030124)
3665173.66	3766642.00	0.00027c	(81030124)	3665193.66	3766642.00	0.00027c	(81030124)
3665213.66	3766642.00	0.00028c	(81030124)	3665233.66	3766642.00	0.00029c	(81030124)
3665253.66	3766642.00	0.00030c	(81030124)	3665273.66	3766642.00	0.00031c	(81123124)
3665293.66	3766642.00	0.00033c	(81123124)	3665313.66	3766642.00	0.00036c	(81123124)
3665333.66	3766642.00	0.00038c	(81123124)	3665353.66	3766642.00	0.00041c	(81123124)
3665373.66	3766642.00	0.00043c	(81123124)	3665393.66	3766642.00	0.00045c	(81123124)
3665413.66	3766642.00	0.00048c	(81123124)	3665433.66	3766642.00	0.00051c	(81123124)
3665453.66	3766642.00	0.00055c	(81123124)	3665473.66	3766642.00	0.00059c	(81123124)
3665493.66	3766642.00	0.00062c	(81123124)	3665513.66	3766642.00	0.00065c	(81123124)
3665533.66	3766642.00	0.00068c	(81123124)	3665553.66	3766642.00	0.00071c	(81123124)
3665573.66	3766642.00	0.00074c	(81123124)	3665593.66	3766642.00	0.00078c	(81123124)

1 *** ISC3P - VERSION 04269 ***

*** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
 L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
 L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365613.66	3766642.00	0.00082c	(81123124)	365633.66	3766642.00	0.00088c	(81021424)
365653.66	3766642.00	0.00095c	(81021424)	365673.66	3766642.00	0.00103c	(81021424)
365693.66	3766642.00	0.00108c	(81021424)	365713.66	3766642.00	0.00110c	(81021424)
365733.66	3766642.00	0.00109c	(81021424)	365753.66	3766642.00	0.00112c	(81050224)
365773.66	3766642.00	0.00121c	(81050224)	365793.66	3766642.00	0.00124c	(81050224)
365813.66	3766642.00	0.00122c	(81082524)	365833.66	3766642.00	0.00122c	(81082524)
365853.66	3766642.00	0.00124c	(81082524)	365873.66	3766642.00	0.00127c	(81101124)
365893.66	3766642.00	0.00137c	(81121024)	365913.66	3766642.00	0.00142c	(81081024)
365933.66	3766642.00	0.00151c	(81081024)	365953.66	3766642.00	0.00176c	(81041924)
365973.66	3766642.00	0.00214c	(81041924)	365993.66	3766642.00	0.00271c	(81041924)
366013.66	3766642.00	0.00345c	(81041924)	366033.66	3766642.00	0.00335c	(81041924)
366053.66	3766642.00	0.00383c	(81030124)	366073.66	3766642.00	0.00387c	(81121024)
366093.66	3766642.00	0.00383c	(81121024)	366113.66	3766642.00	0.00349c	(81121924)
366133.66	3766642.00	0.00318c	(81121924)	366153.66	3766642.00	0.00288c	(81112524)
366173.66	3766642.00	0.00361c	(81011224)	366193.66	3766642.00	0.00357c	(81103124)
366213.66	3766642.00	0.00312c	(81011224)	366233.66	3766642.00	0.00267c	(81103124)
366253.66	3766642.00	0.00233c	(81103124)	366273.66	3766642.00	0.00206c	(81103124)
366293.66	3766642.00	0.00183c	(81103124)	366313.66	3766642.00	0.00156c	(81103124)
366333.66	3766642.00	0.00128c	(81103124)	366353.66	3766642.00	0.00107c	(81103124)
366373.66	3766642.00	0.00094c	(81103124)	366393.66	3766642.00	0.00085c	(81103124)
366413.66	3766642.00	0.00077c	(81103124)	366433.66	3766642.00	0.00071c	(81103124)
366453.66	3766642.00	0.00066c	(81103124)	366473.66	3766642.00	0.00061c	(81103124)
366493.66	3766642.00	0.00055c	(81103124)	366473.66	3766662.00	0.00014c	(81030124)
366473.66	3766662.00	0.00015c	(81030124)	366473.66	3766662.00	0.00015c	(81030124)
366473.66	3766662.00	0.00015c	(81030124)	366473.66	3766662.00	0.00016c	(81030124)
3664813.66	3766662.00	0.00016c	(81030124)	3664833.66	3766662.00	0.00017c	(81030124)
3664853.66	3766662.00	0.00017c	(81030124)	3664873.66	3766662.00	0.00017c	(81030124)
3664893.66	3766662.00	0.00018c	(81030124)	3664913.66	3766662.00	0.00018c	(81030124)
3664933.66	3766662.00	0.00019c	(81030124)	3664953.66	3766662.00	0.00019c	(81030124)
3664973.66	3766662.00	0.00019c	(81030124)	3664993.66	3766662.00	0.00020c	(81030124)
3665013.66	3766662.00	0.00020c	(81030124)	3665033.66	3766662.00	0.00021c	(81030124)
3665053.66	3766662.00	0.00021c	(81030124)	3665073.66	3766662.00	0.00022c	(81030124)
3665093.66	3766662.00	0.00022c	(81030124)	3665113.66	3766662.00	0.00022c	(81030124)
3665133.66	3766662.00	0.00023c	(81030124)	3665153.66	3766662.00	0.00023c	(81030124)
3665173.66	3766662.00	0.00024c	(81030124)	3665193.66	3766662.00	0.00024c	(81030124)
3665213.66	3766662.00	0.00025c	(81030124)	3665233.66	3766662.00	0.00026c	(81123124)
3665253.66	3766662.00	0.00028c	(81123124)	3665273.66	3766662.00	0.00029c	(81123124)
3665293.66	3766662.00	0.00031c	(81123124)	3665313.66	3766662.00	0.00033c	(81123124)
3665333.66	3766662.00	0.00036c	(81123124)	3665353.66	3766662.00	0.00037c	(81123124)
3665373.66	3766662.00	0.00039c	(81123124)	3665393.66	3766662.00	0.00041c	(81123124)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
 L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
 L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365413.66	3766662.00	0.00043c	(81123124)	365433.66	3766662.00	0.00045c	(81123124)
365453.66	3766662.00	0.00049c	(81123124)	365473.66	3766662.00	0.00052c	(81123124)
365493.66	3766662.00	0.00055c	(81123124)	365513.66	3766662.00	0.00057c	(81123124)
365533.66	3766662.00	0.00059c	(81123124)	365553.66	3766662.00	0.00061c	(81123124)
365573.66	3766662.00	0.00063c	(81123124)	365593.66	3766662.00	0.00066c	(81123124)
365613.66	3766662.00	0.00069c	(81021424)	365633.66	3766662.00	0.00074c	(81021424)
365653.66	3766662.00	0.00079c	(81021424)	365673.66	3766662.00	0.00085c	(81021424)
365693.66	3766662.00	0.00089c	(81021424)	365713.66	3766662.00	0.00091c	(81021424)
365733.66	3766662.00	0.00090c	(81021424)	365753.66	3766662.00	0.00088c	(81021424)
365773.66	3766662.00	0.00094c	(81050224)	365793.66	3766662.00	0.00099c	(81050224)
365813.66	3766662.00	0.00100c	(81050224)	365833.66	3766662.00	0.00098c	(81050224)
365853.66	3766662.00	0.00097c	(81082724)	365873.66	3766662.00	0.00099c	(81102724)
365893.66	3766662.00	0.00108c	(81123124)	365913.66	3766662.00	0.00111c	(81123124)
365933.66	3766662.00	0.00119c	(81123124)	365953.66	3766662.00	0.00134c	(81123124)
365973.66	3766662.00	0.00154c	(81123124)	365993.66	3766662.00	0.00180c	(81123124)
366013.66	3766662.00	0.00212c	(81123124)	366033.66	3766662.00	0.00246c	(81123124)
366053.66	3766662.00	0.00288c	(81123124)	366073.66	3766662.00	0.00342c	(81123124)
366093.66	3766662.00	0.00390c	(81123124)	366113.66	3766662.00	0.00357c	(81121024)
366133.66	3766662.00	0.00317c	(81092824)	366153.66	3766662.00	0.00327c	(81121024)
366173.66	3766662.00	0.00321c	(81121924)	366193.66	3766662.00	0.00281c	(81121924)
366213.66	3766662.00	0.00354c	(81112524)	366233.66	3766662.00	0.00331c	(81112524)
366253.66	3766662.00	0.00364c	(81103124)	366273.66	3766662.00	0.00343c	(81103124)
366293.66	3766662.00	0.00293c	(81103124)	366313.66	3766662.00	0.00232c	(81103124)
366333.66	3766662.00	0.00174c	(81103124)	366353.66	3766662.00	0.00140c	(81103124)
366373.66	3766662.00	0.00121c	(81103124)	366393.66	3766662.00	0.00107c	(81103124)
366413.66	3766662.00	0.00096c	(81103124)	366433.66	3766662.00	0.00086c	(81103124)
366453.66	3766662.00	0.00078c	(81103124)	366473.66	3766662.00	0.00072c	(81103124)
366493.66	3766662.00	0.00063c	(81103124)	366413.66	3766682.00	0.00014c	(81030124)
366473.66	3766682.00	0.00014c	(81030124)	366453.66	3766682.00	0.00015c	(81030124)
3664773.66	3766682.00	0.00015c	(81030124)	366493.66	3766682.00	0.00015c	(81030124)
3664813.66	3766682.00	0.00016c	(81030124)	3664833.66	3766682.00	0.00016c	(81030124)
3664853.66	3766682.00	0.00016c	(81030124)	3664873.66	3766682.00	0.00017c	(81030124)
3664893.66	3766682.00	0.00017c	(81030124)	3664913.66	3766682.00	0.00017c	(81030124)
3664933.66	3766682.00	0.00017c	(81030124)	3664953.66	3766682.00	0.00018c	(81030124)
3664973.66	3766682.00	0.00018c	(81030124)	3664993.66	3766682.00	0.00018c	(81030124)
365013.66	3766682.00	0.00019c	(81030124)	365033.66	3766682.00	0.00019c	(81030124)
365053.66	3766682.00	0.00019c	(81030124)	365073.66	3766682.00	0.00020c	(81030124)
365093.66	3766682.00	0.00020c	(81030124)	365113.66	3766682.00	0.00020c	(81030124)
365133.66	3766682.00	0.00020c	(81030124)	365153.66	3766682.00	0.00021c	(81030124)
365173.66	3766682.00	0.00021c	(81123124)	365193.66	3766682.00	0.00022c	(81123124)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040, L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052, L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365213.66	3766682.00	0.00024c	(81123124)	365233.66	3766682.00	0.00025c	(81123124)
365253.66	3766682.00	0.00026c	(81123124)	365273.66	3766682.00	0.00028c	(81123124)
365293.66	3766682.00	0.00029c	(81123124)	365313.66	3766682.00	0.00031c	(81123124)
365333.66	3766682.00	0.00033c	(81123124)	365353.66	3766682.00	0.00034c	(81123124)
365373.66	3766682.00	0.00035c	(81123124)	365393.66	3766682.00	0.00037c	(81123124)
365413.66	3766682.00	0.00038c	(81123124)	365433.66	3766682.00	0.00041c	(81123124)
365453.66	3766682.00	0.00044c	(81123124)	365473.66	3766682.00	0.00047c	(81123124)
365493.66	3766682.00	0.00049c	(81123124)	365513.66	3766682.00	0.00051c	(81123124)
365533.66	3766682.00	0.00052c	(81123124)	365553.66	3766682.00	0.00053c	(81123124)
365573.66	3766682.00	0.00055c	(81123124)	365593.66	3766682.00	0.00057c	(81123124)
365613.66	3766682.00	0.00060c	(81021424)	365633.66	3766682.00	0.00063c	(81021424)
365653.66	3766682.00	0.00068c	(81021424)	365673.66	3766682.00	0.00072c	(81021424)
365693.66	3766682.00	0.00075c	(81021424)	365713.66	3766682.00	0.00077c	(81021424)
365733.66	3766682.00	0.00076c	(81021424)	365753.66	3766682.00	0.00074c	(81021424)
365773.66	3766682.00	0.00075c	(81050224)	365793.66	3766682.00	0.00080c	(81050224)
365813.66	3766682.00	0.00083c	(81050224)	365833.66	3766682.00	0.00083c	(81050224)
365853.66	3766682.00	0.00082c	(81123124)	365873.66	3766682.00	0.00086c	(81123124)
365893.66	3766682.00	0.00093c	(81123124)	365913.66	3766682.00	0.00096c	(81123124)
365933.66	3766682.00	0.00101c	(81123124)	365953.66	3766682.00	0.00110c	(81123124)
365973.66	3766682.00	0.00122c	(81123124)	365993.66	3766682.00	0.00135c	(81123124)
366013.66	3766682.00	0.00150c	(81123124)	366033.66	3766682.00	0.00166c	(81123124)
366053.66	3766682.00	0.00183c	(81123124)	366073.66	3766682.00	0.00204c	(81123124)
366093.66	3766682.00	0.00230c	(81123124)	366113.66	3766682.00	0.00264c	(81123124)
366133.66	3766682.00	0.00304c	(81123124)	366153.66	3766682.00	0.00351c	(81123124)
366173.66	3766682.00	0.00395c	(81041924)	366193.66	3766682.00	0.00370c	(81022424)
366213.66	3766682.00	0.00357c	(81101124)	366233.66	3766682.00	0.00369c	(81121024)
366253.66	3766682.00	0.00348c	(81121024)	366273.66	3766682.00	0.00313c	(81121924)
366293.66	3766682.00	0.00261c	(81121924)	366313.66	3766682.00	0.00263c	(81112524)
366333.66	3766682.00	0.00253c	(81103124)	366353.66	3766682.00	0.00204c	(81103124)
366373.66	3766682.00	0.00171c	(81103124)	366393.66	3766682.00	0.00145c	(81103124)
366413.66	3766682.00	0.00126c	(81103124)	366433.66	3766682.00	0.00110c	(81103124)
366453.66	3766682.00	0.00099c	(81103124)	366473.66	3766682.00	0.00091c	(81103124)
366493.66	3766682.00	0.00079c	(81103024)	364713.66	3766702.00	0.00014c	(81030124)
364733.66	3766702.00	0.00014c	(81030124)	364753.66	3766702.00	0.00014c	(81030124)
364773.66	3766702.00	0.00014c	(81030124)	364793.66	3766702.00	0.00015c	(81030124)
364813.66	3766702.00	0.00015c	(81030124)	364833.66	3766702.00	0.00015c	(81030124)
364853.66	3766702.00	0.00015c	(81030124)	364873.66	3766702.00	0.00016c	(81030124)
364893.66	3766702.00	0.00016c	(81030124)	364913.66	3766702.00	0.00016c	(81030124)
364933.66	3766702.00	0.00016c	(81030124)	364953.66	3766702.00	0.00016c	(81030124)
364973.66	3766702.00	0.00017c	(81030124)	364993.66	3766702.00	0.00017c	(81030124)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040, L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052, L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **

X-COORD (M)		Y-COORD (M)		CONC	(YYMMDDHH)	PM10op.POU.txt		X-COORD (M)		Y-COORD (M)		CONC	(YYMMDDHH)
365013.66	3766702.00	0.00017c	(81030124)	365033.66	3766702.00	0.00017c	(81030124)						
365053.66	3766702.00	0.00017c	(81030124)	365073.66	3766702.00	0.00018c	(81030124)						
365093.66	3766702.00	0.00018c	(81030124)	365113.66	3766702.00	0.00018c	(81123124)						
365133.66	3766702.00	0.00019c	(81123124)	365153.66	3766702.00	0.00020c	(81123124)						
365173.66	3766702.00	0.00021c	(81123124)	365193.66	3766702.00	0.00022c	(81123124)						
365213.66	3766702.00	0.00023c	(81123124)	365233.66	3766702.00	0.00024c	(81123124)						
365253.66	3766702.00	0.00025c	(81123124)	365273.66	3766702.00	0.00026c	(81123124)						
365293.66	3766702.00	0.00027c	(81123124)	365313.66	3766702.00	0.00029c	(81123124)						
365333.66	3766702.00	0.00030c	(81123124)	365353.66	3766702.00	0.00031c	(81123124)						
365373.66	3766702.00	0.00032c	(81123124)	365393.66	3766702.00	0.00033c	(81123124)						
365413.66	3766702.00	0.00035c	(81123124)	365433.66	3766702.00	0.00038c	(81123124)						
365453.66	3766702.00	0.00040c	(81123124)	365473.66	3766702.00	0.00043c	(81123124)						
365493.66	3766702.00	0.00044c	(81123124)	365513.66	3766702.00	0.00046c	(81123124)						
365533.66	3766702.00	0.00047c	(81123124)	365553.66	3766702.00	0.00048c	(81123124)						
365573.66	3766702.00	0.00049c	(81123124)	365593.66	3766702.00	0.00050c	(81123124)						
365613.66	3766702.00	0.00053c	(81021424)	365633.66	3766702.00	0.00056c	(81021424)						
365653.66	3766702.00	0.00059c	(81021424)	365673.66	3766702.00	0.00062c	(81021424)						
365693.66	3766702.00	0.00064c	(81021424)	365713.66	3766702.00	0.00065c	(81021424)						
365733.66	3766702.00	0.00065c	(81021424)	365753.66	3766702.00	0.00064c	(81021424)						
365773.66	3766702.00	0.00064c	(81021424)	365793.66	3766702.00	0.00066c	(81082524)						
365813.66	3766702.00	0.00070c	(81050224)	365833.66	3766702.00	0.00071c	(81050224)						
365853.66	3766702.00	0.00072c	(81123124)	365873.66	3766702.00	0.00076c	(81123124)						
365893.66	3766702.00	0.00081c	(81123124)	365913.66	3766702.00	0.00083c	(81123124)						
365933.66	3766702.00	0.00087c	(81123124)	365953.66	3766702.00	0.00094c	(81123124)						
365973.66	3766702.00	0.00101c	(81123124)	365993.66	3766702.00	0.00108c	(81123124)						
366013.66	3766702.00	0.00117c	(81123124)	366033.66	3766702.00	0.00126c	(81123124)						
366053.66	3766702.00	0.00135c	(81123124)	366073.66	3766702.00	0.00145c	(81123124)						
366093.66	3766702.00	0.00157c	(81123124)	366113.66	3766702.00	0.00172c	(81123124)						
366133.66	3766702.00	0.00190c	(81123124)	366153.66	3766702.00	0.00211c	(81123124)						
366173.66	3766702.00	0.00237c	(81123124)	366193.66	3766702.00	0.00268c	(81123124)						
366213.66	3766702.00	0.00309c	(81123124)	366233.66	3766702.00	0.00355c	(81123124)						
366253.66	3766702.00	0.00388c	(81082524)	366273.66	3766702.00	0.00403c	(81081024)						
366293.66	3766702.00	0.00338c	(81101124)	366313.66	3766702.00	0.00326c	(81121024)						
366333.66	3766702.00	0.00297c	(81121024)	366353.66	3766702.00	0.00243c	(81121924)						
366373.66	3766702.00	0.00200c	(81121924)	366393.66	3766702.00	0.00168c	(81121524)						
366413.66	3766702.00	0.00174c	(81103124)	366433.66	3766702.00	0.00172c	(81103124)						
366453.66	3766702.00	0.00149c	(81103124)	366473.66	3766702.00	0.00136c	(81103124)						
366493.66	3766702.00	0.00114c	(81103024)	364713.66	3766722.00	0.00013c	(81030124)						
364733.66	3766722.00	0.00013c	(81030124)	364753.66	3766722.00	0.00013c	(81030124)						
364773.66	3766722.00	0.00014c	(81030124)	364793.66	3766722.00	0.00014c	(81030124)						

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040, L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052, L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
364813.66	3766722.00	0.00014c	(81030124)	364833.66	3766722.00	0.00014c	(81030124)				
364853.66	3766722.00	0.00014c	(81123124)	364873.66	3766722.00	0.00014c	(81030124)				
364893.66	3766722.00	0.00015c	(81030124)	364913.66	3766722.00	0.00015c	(81030124)				
364933.66	3766722.00	0.00015c	(81030124)	364953.66	3766722.00	0.00015c	(81030124)				
364973.66	3766722.00	0.00015c	(81030124)	364993.66	3766722.00	0.00016c	(81123124)				
365013.66	3766722.00	0.00016c	(81123124)	365033.66	3766722.00	0.00016c	(81123124)				
365053.66	3766722.00	0.00016c	(81123124)	365073.66	3766722.00	0.00017c	(81123124)				
365093.66	3766722.00	0.00017c	(81123124)	365113.66	3766722.00	0.00018c	(81123124)				
365133.66	3766722.00	0.00018c	(81123124)	365153.66	3766722.00	0.00019c	(81123124)				
365173.66	3766722.00	0.00020c	(81123124)	365193.66	3766722.00	0.00021c	(81123124)				
365213.66	3766722.00	0.00021c	(81123124)	365233.66	3766722.00	0.00022c	(81123124)				
365253.66	3766722.00	0.00023c	(81123124)	365273.66	3766722.00	0.00025c	(81123124)				
365293.66	3766722.00	0.00026c	(81123124)	365313.66	3766722.00	0.00027c	(81123124)				
365333.66	3766722.00	0.00028c	(81123124)	365353.66	3766722.00	0.00029c	(81123124)				
365373.66	3766722.00	0.00030c	(81123124)	365393.66	3766722.00	0.00031c	(81123124)				
365413.66	3766722.00	0.00033c	(81123124)	365433.66	3766722.00	0.00035c	(81123124)				
365453.66	3766722.00	0.00037c	(81123124)	365473.66	3766722.00	0.00039c	(81123124)				
365493.66	3766722.00	0.00041c	(81123124)	365513.66	3766722.00	0.00042c	(81123124)				
365533.66	3766722.00	0.00042c	(81123124)	365553.66	3766722.00	0.00043c	(81123124)				
365573.66	3766722.00	0.00044c	(81123124)	365593.66	3766722.00	0.00045c	(81123124)				
365613.66	3766722.00	0.00047c	(81021424)	365633.66	3766722.00	0.00049c	(81021424)				
365653.66	3766722.00	0.00051c	(81021424)	365673.66	3766722.00	0.00054c	(81021424)				
365693.66	3766722.00	0.00056c	(81021424)	365713.66	3766722.00	0.00057c	(81021424)				
365733.66	3766722.00	0.00057c	(81021424)	365753.66	3766722.00	0.00057c	(81021424)				
365773.66	3766722.00	0.00057c	(81021424)	365793.66	3766722.00	0.00056c	(81021424)				
365813.66	3766722.00	0.00059c	(81050224)	365833.66	3766722.00	0.00061c	(81050224)				
365853.66	3766722.00	0.00063c	(81123124)	365873.66	3766722.00	0.00066c	(81123124)				
365893.66	3766722.00	0.00070c	(81123124)	365913.66	3766722.00	0.00073c	(81123124)				
365933.66	3766722.00	0.00076c	(81123124)	365953.66	3766722.00	0.00081c	(81123124)				
365973.66	3766722.00	0.00085c	(81123124)	365993.66	3766722.00	0.00090c	(81123124)				
366013.66	3766722.00	0.00096c	(81123124)	366033.66	3766722.00	0.00101c	(81123124)				
366053.66	3766722.00	0.00106c	(81123124)	366073.66	3766722.00	0.00112c	(81123124)				
366093.66	3766722.00	0.00118c	(81123124)	366113.66	3766722.00	0.00125c	(81123124)				
366133.66	3766722.00	0.00134c	(81123124)	366153.66	3766722.00	0.00144c	(81123124)				
366173.66	3766722.00	0.00155c	(81123124)	366193.66	3766722.00	0.00167c	(81123124)				
366213.66	3766722.00	0.00183c	(81082524)	366233.66	3766722.00	0.00205c	(81082524)				
366253.66	3766722.00	0.00231c	(81082524)	366273.66	3766722.00	0.00259c	(81082524)				
366293.66	3766722.00	0.00286c	(81081024)	366313.66	3766722.00	0.00316c	(81081024)				
366333.66	3766722.00	0.00279c	(81081024)	366353.66	3766722.00	0.00217c	(81101124)				
366373.66	3766722.00	0.00207c	(81121024)	366393.66	3766722.00	0.00202c	(81121024)				

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040, L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052, L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
366413.66	3766722.00	0.00188c	(81121024)	366433.66	3766722.00	0.00169c	(81121924)				
366453.66	3766722.00	0.00185c	(81010624)	366473.66	3766722.00	0.00154c	(81010624)				
366493.66	3766722.00	0.00137c	(81121424)	364713.66	3766742.00	0.00012c	(81030124)				
364733.66	3766742.00	0.00012c	(81030124)	364753.66	3766742.00	0.00013c	(81030124)				

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364773.66 3766742.00 0.00013c (81030124) PM10op.POU.txt 364793.66 3766742.00 0.00013c (81123124)
364813.66 3766742.00 0.00014c (81123124) 364833.66 3766742.00 0.00014c (81123124)
364853.66 3766742.00 0.00014c (81123124) 364873.66 3766742.00 0.00014c (81123124)
364893.66 3766742.00 0.00014c (81123124) 364913.66 3766742.00 0.00014c (81123124)
364933.66 3766742.00 0.00014c (81123124) 364953.66 3766742.00 0.00015c (81123124)
364973.66 3766742.00 0.00015c (81123124) 364993.66 3766742.00 0.00015c (81123124)
365013.66 3766742.00 0.00016c (81123124) 365033.66 3766742.00 0.00016c (81123124)
365053.66 3766742.00 0.00016c (81123124) 365073.66 3766742.00 0.00016c (81123124)
365093.66 3766742.00 0.00017c (81123124) 365113.66 3766742.00 0.00017c (81123124)
365133.66 3766742.00 0.00018c (81123124) 365153.66 3766742.00 0.00018c (81123124)
365173.66 3766742.00 0.00019c (81123124) 365193.66 3766742.00 0.00020c (81123124)
365213.66 3766742.00 0.00020c (81123124) 365233.66 3766742.00 0.00021c (81123124)
365253.66 3766742.00 0.00022c (81123124) 365273.66 3766742.00 0.00023c (81123124)
365293.66 3766742.00 0.00024c (81123124) 365313.66 3766742.00 0.00025c (81123124)
365333.66 3766742.00 0.00026c (81123124) 365353.66 3766742.00 0.00027c (81123124)
365373.66 3766742.00 0.00028c (81123124) 365393.66 3766742.00 0.00029c (81123124)
365413.66 3766742.00 0.00031c (81123124) 365433.66 3766742.00 0.00033c (81123124)
365453.66 3766742.00 0.00035c (81123124) 365473.66 3766742.00 0.00036c (81123124)
365493.66 3766742.00 0.00037c (81123124) 365513.66 3766742.00 0.00038c (81123124)
365533.66 3766742.00 0.00039c (81123124) 365553.66 3766742.00 0.00039c (81123124)
365573.66 3766742.00 0.00040c (81123124) 365593.66 3766742.00 0.00041c (81123124)
365613.66 3766742.00 0.00042c (81021424) 365633.66 3766742.00 0.00044c (81021424)
365653.66 3766742.00 0.00046c (81021424) 365673.66 3766742.00 0.00047c (81021424)
365693.66 3766742.00 0.00049c (81021424) 365713.66 3766742.00 0.00050c (81021424)
365733.66 3766742.00 0.00050c (81021424) 365753.66 3766742.00 0.00051c (81021424)
365773.66 3766742.00 0.00051c (81021424) 365793.66 3766742.00 0.00052c (81021424)
365813.66 3766742.00 0.00051c (81021424) 365833.66 3766742.00 0.00052c (81050224)
365853.66 3766742.00 0.00055c (81123124) 365873.66 3766742.00 0.00058c (81123124)
365893.66 3766742.00 0.00061c (81123124) 365913.66 3766742.00 0.00064c (81123124)
365933.66 3766742.00 0.00066c (81123124) 365953.66 3766742.00 0.00070c (81123124)
365973.66 3766742.00 0.00073c (81123124) 365993.66 3766742.00 0.00077c (81123124)
366013.66 3766742.00 0.00081c (81123124) 366033.66 3766742.00 0.00084c (81123124)
366053.66 3766742.00 0.00087c (81123124) 366073.66 3766742.00 0.00090c (81123124)
366093.66 3766742.00 0.00093c (81123124) 366113.66 3766742.00 0.00096c (81123124)
366133.66 3766742.00 0.00100c (81123124) 366153.66 3766742.00 0.00105c (81123124)
366173.66 3766742.00 0.00113c (81082524) 366193.66 3766742.00 0.00122c (81082524)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
366213.66 3766742.00 0.00132c (81082524) 366233.66 3766742.00 0.00142c (81082524)
366253.66 3766742.00 0.00153c (81082524) 366273.66 3766742.00 0.00160c (81082524)
366293.66 3766742.00 0.00172c (81081024) 366313.66 3766742.00 0.00185c (81081024)
366333.66 3766742.00 0.00187c (81081024) 366353.66 3766742.00 0.00185c (81081024)
366373.66 3766742.00 0.00189c (81081024) 366393.66 3766742.00 0.00202c (81081024)
366413.66 3766742.00 0.00204c (81121024) 366433.66 3766742.00 0.00193c (81051424)
366453.66 3766742.00 0.00184c (81051424) 366473.66 3766742.00 0.00171c (81012624)
366493.66 3766742.00 0.00158c (81012624) 366488.66 3766117.00 0.00027c (81030624)
364738.66 3766117.00 0.00040c (81030624) 364788.66 3766117.00 0.00062c (81011224)
364838.66 3766117.00 0.00077c (81020824) 364888.66 3766117.00 0.00210c (81122224)
364938.66 3766117.00 0.00100c (81103024) 364988.66 3766117.00 0.00054c (81011224)
365038.66 3766117.00 0.00032c (81110224) 365088.66 3766117.00 0.00022c (81030824)
365138.66 3766117.00 0.00021c (81011224) 365188.66 3766117.00 0.00022c (81011224)
365238.66 3766117.00 0.00021c (81011224) 365288.66 3766117.00 0.00018c (81011224)
365338.66 3766117.00 0.00016c (81011224) 365388.66 3766117.00 0.00014c (81011224)
365438.66 3766117.00 0.00012c (81011224) 365488.66 3766117.00 0.00011c (81011224)
365538.66 3766117.00 0.00012c (81020824) 365588.66 3766117.00 0.00013c (81103124)
365638.66 3766117.00 0.00017c (81122224) 365688.66 3766117.00 0.00021c (81122224)
365738.66 3766117.00 0.00024c (81122224) 365788.66 3766117.00 0.00025c (81122224)
365838.66 3766117.00 0.00025c (81122224) 365888.66 3766117.00 0.00023c (81122224)
365938.66 3766117.00 0.00020c (81103024) 365988.66 3766117.00 0.00019c (81103024)
366038.66 3766117.00 0.00018c (81103024) 366088.66 3766117.00 0.00016c (81103024)
366138.66 3766117.00 0.00015c (81103124) 366188.66 3766117.00 0.00015c (81121124)
366238.66 3766117.00 0.00015c (81122224) 366288.66 3766117.00 0.00015c (81122224)
366338.66 3766117.00 0.00015c (81122224) 366388.66 3766117.00 0.00015c (81103024)
366438.66 3766117.00 0.00015c (81103024) 366488.66 3766117.00 0.00014c (81103024)
366538.66 3766117.00 0.00014c (81103024) 366488.66 3766167.00 0.00035c (81030224)
366538.66 3766167.00 0.00015c (81103024) 366488.66 3766217.00 0.00056c (81030124)
366538.66 3766217.00 0.00016c (81103024) 366488.66 3766267.00 0.00045c (81112724)
366538.66 3766267.00 0.00017c (81103024) 366488.66 3766317.00 0.00034c (81012724)
366538.66 3766317.00 0.00018c (81103024) 366488.66 3766367.00 0.00024c (81030424)
366538.66 3766367.00 0.00019c (81103024) 366488.66 3766417.00 0.00016c (81123124)
366538.66 3766417.00 0.00021c (81110224) 366488.66 3766467.00 0.00015c (81042924)
366538.66 3766467.00 0.00024c (81110224) 366488.66 3766517.00 0.00013c (81042924)
366538.66 3766517.00 0.00028c (81110224) 366488.66 3766567.00 0.00013c (81030124)
366538.66 3766567.00 0.00031c (81110224) 366488.66 3766617.00 0.00014c (81030124)
366538.66 3766617.00 0.00037c (81110224) 366488.66 3766667.00 0.00014c (81030124)
366538.66 3766667.00 0.00048c (81110224) 366488.66 3766717.00 0.00013c (81030124)
366538.66 3766717.00 0.00079c (81121424) 366488.66 3766767.00 0.00011c (81030124)
364738.66 3766767.00 0.00011c (81030124) 364788.66 3766767.00 0.00013c (81123124)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
364838.66 3766767.00 0.00014c (81123124) 364888.66 3766767.00 0.00014c (81123124)
364938.66 3766767.00 0.00014c (81123124) 364988.66 3766767.00 0.00015c (81123124)
365038.66 3766767.00 0.00015c (81123124) 365088.66 3766767.00 0.00016c (81123124)
365138.66 3766767.00 0.00017c (81123124) 365188.66 3766767.00 0.00018c (81123124)
365238.66 3766767.00 0.00020c (81123124) 365288.66 3766767.00 0.00022c (81123124)
365338.66 3766767.00 0.00024c (81123124) 365388.66 3766767.00 0.00027c (81123124)
365438.66 3766767.00 0.00031c (81123124) 365488.66 3766767.00 0.00034c (81123124)
365538.66 3766767.00 0.00035c (81123124) 365588.66 3766767.00 0.00037c (81123124)
365638.66 3766767.00 0.00039c (81123124) 365688.66 3766767.00 0.00042c (81021424)
365738.66 3766767.00 0.00044c (81021424) 365788.66 3766767.00 0.00047c (81021424)

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365838.66 3766767.00 0.00046c (81021424) PM10op.POU.txt 365888.66 3766767.00 0.00052c (81123124)
365938.66 3766767.00 0.00056c (81123124) 365988.66 3766767.00 0.00062c (81123124)
366038.66 3766767.00 0.00068c (81123124) 366088.66 3766767.00 0.00071c (81123124)
366138.66 3766767.00 0.00077c (81021424) 366188.66 3766767.00 0.00089c (81082524)
366238.66 3766767.00 0.00101c (81082524) 366288.66 3766767.00 0.00112c (81081024)
366338.66 3766767.00 0.00123c (81081024) 366388.66 3766767.00 0.00123c (81081024)
366438.66 3766767.00 0.00138c (81082524) 366488.66 3766767.00 0.00151c (81081024)
366538.66 3766767.00 0.00084c (81070124) 366588.66 3766092.00 0.00023c (81030624)
364713.66 3766092.00 0.00030c (81030624) 364763.66 3766092.00 0.00043c (81011224)
364813.66 3766092.00 0.00034c (81020824) 364863.66 3766092.00 0.00065c (81122224)
364913.66 3766092.00 0.00122c (81122224) 364963.66 3766092.00 0.00061c (81011224)
365013.66 3766092.00 0.00042c (81011224) 365063.66 3766092.00 0.00027c (81011224)
365113.66 3766092.00 0.00022c (81011224) 365163.66 3766092.00 0.00022c (81011224)
365213.66 3766092.00 0.00022c (81011224) 365263.66 3766092.00 0.00020c (81011224)
365313.66 3766092.00 0.00017c (81011224) 365363.66 3766092.00 0.00014c (81011224)
365413.66 3766092.00 0.00012c (81011224) 365463.66 3766092.00 0.00011c (81011224)
365513.66 3766092.00 0.00010c (81020824) 365563.66 3766092.00 0.00011c (81020824)
365613.66 3766092.00 0.00013c (81103124) 365663.66 3766092.00 0.00017c (81122224)
365713.66 3766092.00 0.00021c (81122224) 365763.66 3766092.00 0.00023c (81122224)
365813.66 3766092.00 0.00023c (81122224) 365863.66 3766092.00 0.00023c (81122224)
365913.66 3766092.00 0.00021c (81122224) 365963.66 3766092.00 0.00019c (81103024)
366013.66 3766092.00 0.00018c (81103024) 366063.66 3766092.00 0.00017c (81103024)
366113.66 3766092.00 0.00015c (81103124) 366163.66 3766092.00 0.00015c (81103124)
366213.66 3766092.00 0.00014c (81121124) 366263.66 3766092.00 0.00014c (81122224)
366313.66 3766092.00 0.00014c (81122224) 366363.66 3766092.00 0.00014c (81122224)
366413.66 3766092.00 0.00014c (81103024) 366463.66 3766092.00 0.00014c (81103024)
366513.66 3766092.00 0.00014c (81103024) 366563.66 3766092.00 0.00013c (81103024)
366663.66 3766142.00 0.00024c (81030224) 366563.66 3766142.00 0.00014c (81103024)
366663.66 3766192.00 0.00034c (81112724) 366563.66 3766192.00 0.00015c (81103024)
366663.66 3766242.00 0.00048c (81030124) 366563.66 3766242.00 0.00016c (81103024)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
*** 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)
364663.66 3766292.00 0.00032c (81112724) 366563.66 3766292.00 0.00017c (81103024)
364663.66 3766342.00 0.00025c (81012724) 366563.66 3766342.00 0.00017c (81103024)
364663.66 3766392.00 0.00019c (81030424) 366563.66 3766392.00 0.00019c (81110224)
364663.66 3766442.00 0.00013c (81102124) 366563.66 3766442.00 0.00022c (81110224)
364663.66 3766492.00 0.00013c (81042924) 366563.66 3766492.00 0.00025c (81110224)
364663.66 3766542.00 0.00011c (81042924) 366563.66 3766542.00 0.00028c (81110224)
364663.66 3766592.00 0.00013c (81030124) 366563.66 3766592.00 0.00031c (81110224)
364663.66 3766642.00 0.00013c (81030124) 366563.66 3766642.00 0.00037c (81110224)
364663.66 3766692.00 0.00013c (81030124) 366563.66 3766692.00 0.00051c (81121424)
364663.66 3766742.00 0.00012c (81030124) 366563.66 3766742.00 0.00065c (81031324)
364663.66 3766792.00 0.00010c (81030124) 364713.66 3766792.00 0.00011c (81123124)
364763.66 3766792.00 0.00012c (81123124) 364813.66 3766792.00 0.00013c (81123124)
364863.66 3766792.00 0.00014c (81123124) 364913.66 3766792.00 0.00014c (81123124)
364963.66 3766792.00 0.00014c (81123124) 365013.66 3766792.00 0.00014c (81123124)
365063.66 3766792.00 0.00015c (81123124) 365113.66 3766792.00 0.00015c (81123124)
365163.66 3766792.00 0.00017c (81123124) 365213.66 3766792.00 0.00018c (81123124)
365263.66 3766792.00 0.00020c (81123124) 365313.66 3766792.00 0.00022c (81123124)
365363.66 3766792.00 0.00024c (81123124) 365413.66 3766792.00 0.00027c (81123124)
365463.66 3766792.00 0.00030c (81123124) 365513.66 3766792.00 0.00032c (81123124)
365563.66 3766792.00 0.00033c (81123124) 365613.66 3766792.00 0.00035c (81123124)
365663.66 3766792.00 0.00036c (81123124) 365713.66 3766792.00 0.00038c (81021424)
365763.66 3766792.00 0.00041c (81021424) 365813.66 3766792.00 0.00043c (81021424)
365863.66 3766792.00 0.00042c (81123124) 365913.66 3766792.00 0.00046c (81123124)
365963.66 3766792.00 0.00049c (81123124) 366013.66 3766792.00 0.00053c (81123124)
366063.66 3766792.00 0.00056c (81123124) 366113.66 3766792.00 0.00059c (81021424)
366163.66 3766792.00 0.00066c (81082524) 366213.66 3766792.00 0.00073c (81082524)
366263.66 3766792.00 0.00077c (81081024) 366313.66 3766792.00 0.00088c (81081024)
366363.66 3766792.00 0.00091c (81081024) 366413.66 3766792.00 0.00091c (81081024)
366463.66 3766792.00 0.00095c (81081024) 366513.66 3766792.00 0.00088c (81051424)
366563.66 3766792.00 0.00058c (81070124) 364613.66 3766042.00 0.00017c (81030624)
364688.66 3766042.00 0.00024c (81011224) 364763.66 3766042.00 0.00017c (81011224)
364838.66 3766042.00 0.00034c (81020824) 364913.66 3766042.00 0.00068c (81122224)
364988.66 3766042.00 0.00041c (81103024) 365063.66 3766042.00 0.00031c (81011224)
365138.66 3766042.00 0.00023c (81011224) 365213.66 3766042.00 0.00020c (81011224)
365288.66 3766042.00 0.00018c (81011224) 365363.66 3766042.00 0.00014c (81011224)
365438.66 3766042.00 0.00011c (81011224) 365513.66 3766042.00 0.00010c (81011224)
365588.66 3766042.00 0.00010c (81103124) 365663.66 3766042.00 0.00014c (81122224)
365738.66 3766042.00 0.00019c (81122224) 365813.66 3766042.00 0.00021c (81122224)
365888.66 3766042.00 0.00020c (81122224) 365963.66 3766042.00 0.00018c (81122224)
366038.66 3766042.00 0.00016c (81103024) 366113.66 3766042.00 0.00015c (81103024)
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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
*** 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)
366188.66 3766042.00 0.00014c (81103124) 366263.66 3766042.00 0.00013c (81122224)
366338.66 3766042.00 0.00013c (81122224) 366413.66 3766042.00 0.00013c (81103024)
366488.66 3766042.00 0.00013c (81103024) 366563.66 3766042.00 0.00012c (81103024)
364613.66 3766117.00 0.00018c (81101224) 366563.66 3766117.00 0.00014c (81103024)
364613.66 3766192.00 0.00025c (81112724) 366563.66 3766192.00 0.00015c (81103024)
364613.66 3766267.00 0.00032c (81030124) 366563.66 3766267.00 0.00016c (81103024)
364613.66 3766342.00 0.00021c (81012724) 366563.66 3766342.00 0.00017c (81103024)
364613.66 3766417.00 0.00016c (81030424) 366563.66 3766417.00 0.00020c (81110224)
364613.66 3766492.00 0.00010c (81060524) 366563.66 3766492.00 0.00025c (81110224)
364613.66 3766567.00 0.00011c (81030124) 366563.66 3766567.00 0.00029c (81110224)
364613.66 3766642.00 0.00013c (81030124) 366563.66 3766642.00 0.00037c (81110224)
364613.66 3766717.00 0.00012c (81030124) 366563.66 3766717.00 0.00061c (81121424)
364613.66 3766792.00 0.00010c (81030124) 366563.66 3766792.00 0.00058c (81070124)
364613.66 3766867.00 0.00009c (81123124) 364688.66 3766867.00 0.00010c (81123124)
364763.66 3766867.00 0.00011c (81123124) 364838.66 3766867.00 0.00012c (81123124)
364913.66 3766867.00 0.00012c (81123124) 364988.66 3766867.00 0.00013c (81123124)

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**MODELOPTS: CONC                                URBAN   FLAT                DEFAULT                                     PAGE 141
*** THE      1ST HIGHEST 24-HR AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL          ***
        INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . .

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**MODELOPTS: CONC                                URBAN  FLAT      DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
    INCLUDING SOURCE(S):  L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . .

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*** 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)
364213.66	3766242.00	0.00009C	(81030124)	364413.66	3766242.00	0.00015C	(81030124)
366813.66	3766242.00	0.00010C	(81110224)	367013.66	3766242.00	0.00009C	(81110224)
364213.66	3766442.00	0.00008C	(81112724)	364413.66	3766442.00	0.00009C	(81112724)
366813.66	3766442.00	0.00014C	(81110224)	367013.66	3766442.00	0.00010C	(81071824)
364213.66	3766642.00	0.00008C	(81030124)	364413.66	3766642.00	0.00010C	(81030124)
366813.66	3766642.00	0.00020	(81032624)	367013.66	3766642.00	0.00015	(81032624)
364213.66	3766842.00	0.00007C	(81030124)	364413.66	3766842.00	0.00009C	(81123124)
366813.66	3766842.00	0.00022C	(81032224)	367013.66	3766842.00	0.00014C	(81031324)
364213.66	3767042.00	0.00007C	(81123124)	364413.66	3767042.00	0.00008C	(81123124)
364613.66	3767042.00	0.00007C	(81123124)	364813.66	3767042.00	0.00009C	(81123124)
365013.66	3767042.00	0.00010C	(81123124)	365213.66	3767042.00	0.00011C	(81123124)
365413.66	3767042.00	0.00012C	(81021424)	365613.66	3767042.00	0.00015C	(81021424)
365813.66	3767042.00	0.00019C	(81021424)	366013.66	3767042.00	0.00020C	(81021424)
366213.66	3767042.00	0.00021C	(81032924)	366413.66	3767042.00	0.00024C	(81050224)
366613.66	3767042.00	0.00024C	(81101124)	366813.66	3767042.00	0.00021C	(81101124)
367013.66	3767042.00	0.00012C	(81100724)	364213.66	3767242.00	0.00005C	(81123124)
364413.66	3767242.00	0.00005C	(81123124)	364613.66	3767242.00	0.00005C	(81030424)
364813.66	3767242.00	0.00006C	(81123124)	365013.66	3767242.00	0.00007C	(81123124)
365213.66	3767242.00	0.00007C	(81021224)	365413.66	3767242.00	0.00010C	(81021424)
365613.66	3767242.00	0.00010C	(81021424)	365813.66	3767242.00	0.00011C	(81021424)
366013.66	3767242.00	0.00014C	(81021424)	366213.66	3767242.00	0.00012C	(81050224)
366413.66	3767242.00	0.00014C	(81050224)	366613.66	3767242.00	0.00015C	(81050224)

366813.66 3767242.00 0.00014c (81101124) PM10op.POU.txt 367013.66 3767242.00 0.00014c (81101124)
364749.41 3766145.50 0.00049c (81030624) 365164.66 3766254.25 0.00030c (81032624)
365136.59 3766369.25 0.00032c (81021124) 364719.78 3766265.75 0.00055c (81112724)
366491.12 3766752.50 0.00212c (81081024) 366496.31 3766728.25 0.00140c (81031324)
365453.47 3766452.00 0.00241c (81011224) 365450.00 3766474.50 0.00450c (81112724)
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
364763.69	3766123.25	0.00031c	(81101224)	364877.00	3766157.50	0.00339c	(81121124)
364996.62	3766189.25	0.00049c	(81113024)	365152.53	3766233.75	0.00024c	(81021024)
365186.06	3766252.75	0.00021c	(81031324)	364813.56	3766040.75	0.00011c	(81020624)
364906.91	3766067.00	0.00039c	(81103124)	365017.50	3766096.00	0.00030c	(81110224)
365171.56	3766136.75	0.00014c	(81013124)	364901.47	3765939.25	0.00015c	(81101524)
364943.16	3765956.50	0.00014c	(81040324)	365049.19	3765981.75	0.00016c	(81010624)
365196.03	3766026.25	0.00011c	(81101824)	365319.28	3766299.00	0.00018c	(81122024)
365341.03	3766259.00	0.00015c	(81012124)	365370.97	3766205.50	0.00011c	(81112924)
365416.25	3766100.50	0.00008c	(81020824)	365711.59	3766502.00	0.00281c	(81102924)
366498.19	3766709.25	0.00114c	(81103124)	365730.53	3766430.25	0.00084c	(81102924)
366513.31	3766637.25	0.00040c	(81010624)	365475.88	3766363.75	0.00031c	(81122724)
365509.72	3766271.00	0.00015c	(81040324)	365760.62	3766338.75	0.00039c	(81011124)
366539.66	3766543.25	0.00023c	(81110924)	364713.66	3766142.00	0.00026c	(81011224)
364733.66	3766142.00	0.00029c	(81042824)	364753.66	3766142.00	0.00034c	(81012024)
364773.66	3766142.00	0.00043c	(81112924)	364793.66	3766142.00	0.00048c	(81112924)
364813.66	3766142.00	0.00055c	(81012024)	364833.66	3766142.00	0.00054c	(81022824)
364853.66	3766142.00	0.00078c	(81103124)	364873.66	3766142.00	0.00180c	(81012424)
364893.66	3766142.00	0.00157c	(81101624)	364913.66	3766142.00	0.00133c	(81013124)
364933.66	3766142.00	0.00100c	(81100524)	364953.66	3766142.00	0.00074c	(81022224)
364973.66	3766142.00	0.00054c	(81030824)	364993.66	3766142.00	0.00039c	(81080324)
365013.66	3766142.00	0.00032c	(81121224)	365033.66	3766142.00	0.00026c	(81110724)
365053.66	3766142.00	0.00024c	(81110724)	365073.66	3766142.00	0.00021c	(81110724)
365093.66	3766142.00	0.00019c	(81120124)	365113.66	3766142.00	0.00017c	(81113024)
365133.66	3766142.00	0.00016c	(81113024)	365153.66	3766142.00	0.00015c	(81013124)
365173.66	3766142.00	0.00014c	(81013124)	365193.66	3766142.00	0.00014c	(81113024)
365213.66	3766142.00	0.00013c	(81113024)	365233.66	3766142.00	0.00012c	(81113024)
365253.66	3766142.00	0.00011c	(81071824)	365273.66	3766142.00	0.00011c	(81071824)
365293.66	3766142.00	0.00011c	(81030624)	365313.66	3766142.00	0.00010c	(81030624)
365333.66	3766142.00	0.00010c	(81020624)	365353.66	3766142.00	0.00009c	(81071824)
365373.66	3766142.00	0.00009c	(81071824)	365393.66	3766142.00	0.00009c	(81071824)
365413.66	3766142.00	0.00009c	(81113024)	365433.66	3766142.00	0.00009c	(81113024)
365453.66	3766142.00	0.00009c	(81113024)	365473.66	3766142.00	0.00010c	(81113024)
365493.66	3766142.00	0.00010c	(81020624)	365513.66	3766142.00	0.00010c	(81122724)
365533.66	3766142.00	0.00010c	(81122724)	365553.66	3766142.00	0.00010c	(81122724)
365573.66	3766142.00	0.00011c	(81121124)	365593.66	3766142.00	0.00012c	(81031024)
365613.66	3766142.00	0.00012c	(81031024)	365633.66	3766142.00	0.00012c	(81101524)
365653.66	3766142.00	0.00013c	(81101524)	365673.66	3766142.00	0.00014c	(81102924)
365693.66	3766142.00	0.00014c	(81113024)	365713.66	3766142.00	0.00015c	(81103024)
365733.66	3766142.00	0.00015c	(81121124)	365753.66	3766142.00	0.00015c	(81121124)
365773.66	3766142.00	0.00015c	(81121124)	365793.66	3766142.00	0.00015c	(81121124)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365813.66	3766142.00	0.00015c	(81121124)	365833.66	3766142.00	0.00014c	(81121124)
365853.66	3766142.00	0.00015c	(81101524)	365873.66	3766142.00	0.00014c	(81101524)
365893.66	3766142.00	0.00015c	(81011124)	365913.66	3766142.00	0.00015c	(81011124)
365933.66	3766142.00	0.00015c	(81011124)	365953.66	3766142.00	0.00015c	(81011124)
365973.66	3766142.00	0.00015c	(81011124)	365993.66	3766142.00	0.00015c	(81011124)
366013.66	3766142.00	0.00015c	(81102924)	366033.66	3766142.00	0.00015c	(81011124)
366053.66	3766142.00	0.00015c	(81011124)	366073.66	3766142.00	0.00015c	(81011124)
366093.66	3766142.00	0.00014c	(81011124)	366113.66	3766142.00	0.00014c	(81011124)
366133.66	3766142.00	0.00014c	(81011124)	366153.66	3766142.00	0.00013c	(81011124)
366173.66	3766142.00	0.00013c	(81011124)	366193.66	3766142.00	0.00013c	(81101724)
366213.66	3766142.00	0.00013c	(81011224)	366233.66	3766142.00	0.00013c	(81011224)
366253.66	3766142.00	0.00013c	(81011124)	366273.66	3766142.00	0.00012c	(81011124)
366293.66	3766142.00	0.00012c	(81101824)	366313.66	3766142.00	0.00012c	(81101824)
366333.66	3766142.00	0.00012c	(81101824)	366353.66	3766142.00	0.00012c	(81101824)
366373.66	3766142.00	0.00012c	(81011124)	366393.66	3766142.00	0.00012c	(81011124)
366413.66	3766142.00	0.00011c	(81011224)	366433.66	3766142.00	0.00011c	(81022224)
366453.66	3766142.00	0.00011c	(81022224)	366473.66	3766142.00	0.00011c	(81101324)
366493.66	3766142.00	0.00011c	(81101324)	364713.66	3766162.00	0.00032c	(81012924)
364733.66	3766162.00	0.00035c	(81012924)	364753.66	3766162.00	0.00043c	(81042824)
364773.66	3766162.00	0.00051c	(81112824)	364793.66	3766162.00	0.00067c	(81040324)
364813.66	3766162.00	0.00089c	(81101224)	364833.66	3766162.00	0.00115c	(81012024)
364853.66	3766162.00	0.00152c	(81040324)	364873.66	3766162.00	0.00434c	(81101524)
364893.66	3766162.00	0.00318c	(81013124)	364913.66	3766162.00	0.00187c	(81110224)
364933.66	3766162.00	0.00112c	(81022224)	364953.66	3766162.00	0.00076c	(81110724)
364973.66	3766162.00	0.00054c	(81022224)	364993.66	3766162.00	0.00042c	(81120124)
365013.66	3766162.00	0.00036c	(81071224)	365033.66	3766162.00	0.00030c	(81122724)
365053.66	3766162.00	0.00027c	(81122724)	365073.66	3766162.00	0.00024c	(81122724)
365093.66	3766162.00	0.00022c	(81122724)	365113.66	3766162.00	0.00020c	(81122724)
365133.66	3766162.00	0.00019c	(81011224)	365153.66	3766162.00	0.00018c	(81071824)
365173.66	3766162.00	0.00016c	(81071824)	365193.66	3766162.00	0.00015c	(81103124)
365213.66	3766162.00	0.00014c	(81103124)	365233.66	3766162.00	0.00013c	(81103124)
365253.66	3766162.00	0.00013c	(81113024)	365273.66	3766162.00	0.00012c	(81113024)
365293.66	3766162.00	0.00011c	(81113024)	365313.66	3766162.00	0.00011c	(81113024)
365333.66	3766162.00	0.00010c	(81020624)	365353.66	3766162.00	0.00010c	(81022824)
365373.66	3766162.00	0.00010c	(81071824)	365393.66	3766162.00	0.00010c	(81030624)
365413.66	3766162.00	0.00009c	(81103124)	365433.66	3766162.00	0.00010c	(81103124)
365453.66	3766162.00	0.00010c	(81103124)	365473.66	3766162.00	0.00011c	(81113024)
365493.66	3766162.00	0.00011c	(81020624)	365513.66	3766162.00	0.00010c	(81020624)
365533.66	3766162.00	0.00011c	(81031024)	365553.66	3766162.00	0.00011c	(81122224)
365573.66	3766162.00	0.00011c	(81101524)	365593.66	3766162.00	0.00012c	(81121124)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365613.66	3766162.00	0.00013c	(81031024)	365633.66	3766162.00	0.00013c	(81101524)
365653.66	3766162.00	0.00014c	(81121124)	365673.66	3766162.00	0.00015c	(81113024)
365693.66	3766162.00	0.00015c	(81113024)	365713.66	3766162.00	0.00016c	(81121124)
365733.66	3766162.00	0.00016c	(81121124)	365753.66	3766162.00	0.00016c	(81121124)
365773.66	3766162.00	0.00016c	(81121124)	365793.66	3766162.00	0.00016c	(81121124)
365813.66	3766162.00	0.00016c	(81011124)	365833.66	3766162.00	0.00016c	(81101524)
365853.66	3766162.00	0.00016c	(81101524)	365873.66	3766162.00	0.00016c	(81011124)
365893.66	3766162.00	0.00016c	(81011124)	365913.66	3766162.00	0.00016c	(81011124)
365933.66	3766162.00	0.00016c	(81011124)	365953.66	3766162.00	0.00016c	(81011124)
365973.66	3766162.00	0.00016c	(81011124)	365993.66	3766162.00	0.00016c	(81102924)
366013.66	3766162.00	0.00016c	(81121124)	366033.66	3766162.00	0.00016c	(81121124)
366053.66	3766162.00	0.00016c	(81011124)	366073.66	3766162.00	0.00015c	(81101124)
366093.66	3766162.00	0.00015c	(81011124)	366113.66	3766162.00	0.00014c	(81011124)
366133.66	3766162.00	0.00014c	(81011124)	366153.66	3766162.00	0.00014c	(81011124)
366173.66	3766162.00	0.00014c	(81101724)	366193.66	3766162.00	0.00014c	(81011224)
366213.66	3766162.00	0.00013c	(81011224)	366233.66	3766162.00	0.00013c	(81011224)
366253.66	3766162.00	0.00013c	(81011124)	366273.66	3766162.00	0.00013c	(81022224)
366293.66	3766162.00	0.00013c	(81022224)	366313.66	3766162.00	0.00013c	(81121124)
366333.66	3766162.00	0.00012c	(81102924)	366353.66	3766162.00	0.00012c	(81102924)
366373.66	3766162.00	0.00012c	(81011124)	366393.66	3766162.00	0.00012c	(81102924)
366413.66	3766162.00	0.00012c	(81022224)	366433.66	3766162.00	0.00012c	(81022224)
366453.66	3766162.00	0.00011c	(81022224)	366473.66	3766162.00	0.00011c	(81101324)
366493.66	3766162.00	0.00011c	(81101324)	366513.66	3766162.00	0.00038c	(81012924)
366533.66	3766182.00	0.00045c	(81101224)	366553.66	3766182.00	0.00056c	(81042824)
366573.66	3766182.00	0.00075c	(81030524)	366593.66	3766182.00	0.00098c	(81030224)
366613.66	3766182.00	0.00142c	(81112824)	366633.66	3766182.00	0.00239c	(81112724)
366653.66	3766182.00	0.00525c	(81112824)	366673.66	3766182.00	0.00584c	(81121124)
366693.66	3766182.00	0.00484c	(81110124)	366713.66	3766182.00	0.00210c	(81101324)
366733.66	3766182.00	0.00124c	(81103124)	366753.66	3766182.00	0.00085c	(81103124)
366773.66	3766182.00	0.00060c	(81030824)	366793.66	3766182.00	0.00047c	(81113024)
366813.66	3766182.00	0.00039c	(81121424)	366833.66	3766182.00	0.00032c	(81121424)
366853.66	3766182.00	0.00027c	(81122724)	366873.66	3766182.00	0.00025c	(81020624)
366893.66	3766182.00	0.00023c	(81110224)	366913.66	3766182.00	0.00022c	(81110224)
366933.66	3766182.00	0.00020c	(81011224)	366953.66	3766182.00	0.00019c	(81071824)
366973.66	3766182.00	0.00017c	(81110124)	367013.66	3766182.00	0.00015c	(81110124)
367013.66	3766182.00	0.00015c	(81030624)	367053.66	3766182.00	0.00014c	(81110724)
367053.66	3766182.00	0.00013c	(81021024)	367093.66	3766182.00	0.00012c	(81021024)
367093.66	3766182.00	0.00012c	(81021024)	367133.66	3766182.00	0.00012c	(81021024)
367133.66	3766182.00	0.00011c	(81071824)	367173.66	3766182.00	0.00011c	(81113024)
367173.66	3766182.00	0.00010c	(81021024)	367213.66	3766182.00	0.00010c	(81112924)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365413.66	3766182.00	0.00010c	(81030624)	365433.66	3766182.00	0.00010c	(81030624)
365453.66	3766182.00	0.00011c	(81103124)	365473.66	3766182.00	0.00011c	(81103124)
365493.66	3766182.00	0.00011c	(81020624)	365513.66	3766182.00	0.00011c	(81112924)
365533.66	3766182.00	0.00011c	(81112924)	365553.66	3766182.00	0.00012c	(81031024)
365573.66	3766182.00	0.00012c	(81101524)	365593.66	3766182.00	0.00013c	(81101524)
365613.66	3766182.00	0.00013c	(81031024)	365633.66	3766182.00	0.00014c	(81121124)
365653.66	3766182.00	0.00015c	(81121124)	365673.66	3766182.00	0.00016c	(81113024)
365693.66	3766182.00	0.00016c	(81103024)	365713.66	3766182.00	0.00017c	(81121124)
365733.66	3766182.00	0.00018c	(81121124)	365753.66	3766182.00	0.00018c	(81121124)
365773.66	3766182.00	0.00018c	(81011224)	365793.66	3766182.00	0.00018c	(81101524)
365813.66	3766182.00	0.00017c	(81101524)	365833.66	3766182.00	0.00017c	(81101524)
365853.66	3766182.00	0.00017c	(81011124)	365873.66	3766182.00	0.00017c	(81011124)
365893.66	3766182.00	0.00017c	(81011124)	365913.66	3766182.00	0.00017c	(81011124)
365933.66	3766182.00	0.00017c	(81011124)	365953.66	3766182.00	0.00017c	(81011124)
365973.66	3766182.00	0.00017c	(81102924)	365993.66	3766182.00	0.00016c	(81102924)
366013.66	3766182.00	0.00016c	(81121124)	366033.66	3766182.00	0.00017c	(81121124)
366053.66	3766182.00	0.00016c	(81011124)	366073.66	3766182.00	0.00016c	(81011124)
366093.66	3766182.00	0.00015c	(81011124)	366113.66	3766182.00	0.00015c	(81011124)
366133.66	3766182.00	0.00014c	(81101724)	366153.66	3766182.00	0.00015c	(81101724)
366173.66	3766182.00	0.00015c	(81101724)	366193.66	3766182.00	0.00014c	(81011224)
366213.66	3766182.00	0.00014c	(81011224)	366233.66	3766182.00	0.00014c	(81022224)
366253.66	3766182.00	0.00014c	(81022224)	366273.66	3766182.00	0.00014c	(81022224)
366293.66	3766182.00	0.00013c	(81022224)	366313.66	3766182.00	0.00013c	(81102924)
366333.66	3766182.00	0.00013c	(81102924)	366353.66	3766182.00	0.00013c	(81101724)
366373.66	3766182.00	0.00013c	(81011124)	366393.66	3766182.00	0.00012c	(81022224)
366413.66	3766182.00	0.00012c	(81102924)	366433.66	3766182.00	0.00012c	(81102924)
366453.66	3766182.00	0.00012c	(81101324)	366473.66	3766182.00	0.00012c	(81101324)
366493.66	3766182.00	0.00012c	(81101324)	366513.66	3766202.00	0.00039c	(81061224)
366533.66	3766202.00	0.00048c	(81061224)	366553.66	3766202.00	0.00063c	(81101224)
366573.66	3766202.00	0.00084c	(81061224)	366593.66	3766202.00	0.0120c	(81061224)
366613.66	3766202.00	0.00185c	(81101224)	366633.66	3766202.00	0.00356c	(81112924)
366653.66	3766202.00	0.00612c	(81030424)	366673.66	3766202.00	0.00601c	(81010624)
366693.66	3766202.00	0.00560c	(81052224)	366713.66	3766202.00	0.00251c	(81012624)
366733.66	3766202.00	0.00145c	(81122524)	366753.66	3766202.00	0.00096c	(81110224)
366773.66	3766202.00	0.00070c	(81071824)	366793.66	3766202.00	0.00055c	(81112224)
366813.66	3766202.00	0.00043c	(81112224)	366833.66	3766202.00	0.00036c	(81112524)
366853.66	3766202.00	0.00031c	(81071824)	366873.66	3766202.00	0.00028c	(81121924)
366893.66	3766202.00	0.00026c	(81020624)	366913.66	3766202.00	0.00024c	(81112524)
366933.66	3766202.00	0.00022c	(81110924)	366953.66	3766202.00	0.00020c	(81112524)
366973.66	3766202.00	0.00018c	(81022224)	366993.66	3766202.00	0.00016c	(81071824)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
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PM10op.POU.txt
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365213.66	3766202.00	0.00015c	(81122724)	365233.66	3766202.00	0.00014	(81032624)
365253.66	3766202.00	0.00014c	(81122724)	365273.66	3766202.00	0.00013c	(81071824)
365293.66	3766202.00	0.00012c	(81071824)	365313.66	3766202.00	0.00012c	(81071824)
365333.66	3766202.00	0.00012c	(81020624)	365353.66	3766202.00	0.00012c	(81020624)
365373.66	3766202.00	0.00011c	(81112924)	365393.66	3766202.00	0.00011c	(81112924)
365413.66	3766202.00	0.00011c	(81112924)	365433.66	3766202.00	0.00011c	(81113024)
365453.66	3766202.00	0.00011c	(81112924)	365473.66	3766202.00	0.00012c	(81112924)
365493.66	3766202.00	0.00012c	(81112924)	365513.66	3766202.00	0.00013c	(81112924)
365533.66	3766202.00	0.00013c	(81011224)	365553.66	3766202.00	0.00013c	(81011224)
365573.66	3766202.00	0.00013c	(81101524)	365593.66	3766202.00	0.00014c	(81101524)
365613.66	3766202.00	0.00014c	(81121324)	365633.66	3766202.00	0.00015c	(81102924)
365653.66	3766202.00	0.00016c	(81113024)	365673.66	3766202.00	0.00016	(81020824)
365693.66	3766202.00	0.00018c	(81121124)	365713.66	3766202.00	0.00019c	(81121124)
365733.66	3766202.00	0.00019c	(81121124)	365753.66	3766202.00	0.00019c	(81101524)
365773.66	3766202.00	0.00019c	(81101524)	365793.66	3766202.00	0.00019c	(81101524)
365813.66	3766202.00	0.00019c	(81101524)	365833.66	3766202.00	0.00018c	(81011124)
365853.66	3766202.00	0.00019c	(81011124)	365873.66	3766202.00	0.00019c	(81011124)
365893.66	3766202.00	0.00019c	(81011124)	365913.66	3766202.00	0.00019c	(81011124)
365933.66	3766202.00	0.00019c	(81011124)	365953.66	3766202.00	0.00018c	(81102924)
365973.66	3766202.00	0.00018c	(81102924)	365993.66	3766202.00	0.00017c	(81121124)
366013.66	3766202.00	0.00017c	(81121124)	366033.66	3766202.00	0.00017	(81122224)
366053.66	3766202.00	0.00017	(81122224)	366073.66	3766202.00	0.00016c	(81011124)
366093.66	3766202.00	0.00016c	(81011124)	366113.66	3766202.00	0.00015c	(81101724)
366133.66	3766202.00	0.00015c	(81101724)	366153.66	3766202.00	0.00015c	(81101724)
366173.66	3766202.00	0.00015c	(81011224)	366193.66	3766202.00	0.00015c	(81011224)
366213.66	3766202.00	0.00014c	(81022224)	366233.66	3766202.00	0.00014c	(81022224)
366253.66	3766202.00	0.00014c	(81022224)	366273.66	3766202.00	0.00014c	(81022224)
366293.66	3766202.00	0.00014c	(81121124)	366313.66	3766202.00	0.00014c	(81102924)
366333.66	3766202.00	0.00013c	(81101724)	366353.66	3766202.00	0.00013c	(81011124)
366373.66	3766202.00	0.00013c	(81011224)	366393.66	3766202.00	0.00013c	(81011224)
366413.66	3766202.00	0.00013c	(81102924)	366433.66	3766202.00	0.00013c	(81102924)
366453.66	3766202.00	0.00012c	(81101324)	366473.66	3766202.00	0.00012c	(81101324)
366493.66	3766202.00	0.00012	(81122224)	364713.66	3766222.00	0.00038c	(81012724)
364733.66	3766222.00	0.00050c	(81012724)	364753.66	3766222.00	0.00068c	(81012724)
364773.66	3766222.00	0.00093c	(81123124)	364793.66	3766222.00	0.00132	(81022824)
364813.66	3766222.00	0.00203	(81022824)	364833.66	3766222.00	0.00365c	(81092924)
364853.66	3766222.00	0.00364c	(81092924)	364873.66	3766222.00	0.00472c	(81041124)
364893.66	3766222.00	0.00513c	(81082724)	364913.66	3766222.00	0.00258c	(81091524)
364933.66	3766222.00	0.00150c	(81100724)	364953.66	3766222.00	0.00103c	(81031324)
364973.66	3766222.00	0.00073c	(81010124)	364993.66	3766222.00	0.00059c	(81122524)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):

L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365013.66	3766222.00	0.00047c	(81010624)	365033.66	3766222.00	0.00040c	(81031324)
365053.66	3766222.00	0.00036c	(81121424)	365073.66	3766222.00	0.00034c	(81113024)
365093.66	3766222.00	0.00032c	(81103124)	365113.66	3766222.00	0.00031c	(81101824)
365133.66	3766222.00	0.00026c	(81011224)	365153.66	3766222.00	0.00022c	(81022224)
365173.66	3766222.00	0.00019c	(81110124)	365193.66	3766222.00	0.00018c	(81121424)
365213.66	3766222.00	0.00016c	(81122724)	365233.66	3766222.00	0.00016c	(81011224)
365253.66	3766222.00	0.00015c	(81112524)	365273.66	3766222.00	0.00014c	(81112524)
365293.66	3766222.00	0.00014c	(81113024)	365313.66	3766222.00	0.00013c	(81113024)
365333.66	3766222.00	0.00013c	(81112924)	365353.66	3766222.00	0.00012	(81032624)
365373.66	3766222.00	0.00012c	(81012124)	365393.66	3766222.00	0.00012c	(81112924)
365413.66	3766222.00	0.00012c	(81012124)	365433.66	3766222.00	0.00012c	(81020624)
365453.66	3766222.00	0.00012c	(81112924)	365473.66	3766222.00	0.00012c	(81113024)
365493.66	3766222.00	0.00012c	(81020624)	365513.66	3766222.00	0.00013c	(81103124)
365533.66	3766222.00	0.00014c	(81103124)	365553.66	3766222.00	0.00014c	(81011224)
365573.66	3766222.00	0.00014c	(81031024)	365593.66	3766222.00	0.00015c	(81121324)
365613.66	3766222.00	0.00015c	(81011224)	365633.66	3766222.00	0.00016c	(81011224)
365653.66	3766222.00	0.00017c	(81011224)	365673.66	3766222.00	0.00019c	(81121124)
365693.66	3766222.00	0.00020c	(81121124)	365713.66	3766222.00	0.00021c	(81121124)
365733.66	3766222.00	0.00021c	(81121124)	365753.66	3766222.00	0.00021c	(81101524)
365773.66	3766222.00	0.00021c	(81101524)	365793.66	3766222.00	0.00020c	(81101524)
365813.66	3766222.00	0.00020c	(81011124)	365833.66	3766222.00	0.00020c	(81011124)
365853.66	3766222.00	0.00020c	(81011124)	365873.66	3766222.00	0.00020c	(81011124)
365893.66	3766222.00	0.00020c	(81011124)	365913.66	3766222.00	0.00020c	(81011124)
365933.66	3766222.00	0.00020c	(81102924)	365953.66	3766222.00	0.00019c	(81102924)
365973.66	3766222.00	0.00018c	(81102924)	365993.66	3766222.00	0.00018c	(81121124)
366013.66	3766222.00	0.00018	(81122224)	366033.66	3766222.00	0.00018	(81122224)
366053.66	3766222.00	0.00017	(81122224)	366073.66	3766222.00	0.00017c	(81011124)
366093.66	3766222.00	0.00016c	(81101724)	366113.66	3766222.00	0.00016c	(81101724)
366133.66	3766222.00	0.00016c	(81101724)	366153.66	3766222.00	0.00016c	(81011224)
366173.66	3766222.00	0.00016c	(81011224)	366193.66	3766222.00	0.00015c	(81011224)
366213.66	3766222.00	0.00015c	(81022224)	366233.66	3766222.00	0.00015c	(81022224)
366253.66	3766222.00	0.00015c	(81022224)	366273.66	3766222.00	0.00015c	(81022224)
366293.66	3766222.00	0.00014c	(81022224)	366313.66	3766222.00	0.00014c	(81101724)
366333.66	3766222.00	0.00014c	(81022224)	366353.66	3766222.00	0.00014c	(81011224)
366373.66	3766222.00	0.00014c	(81011224)	366393.66	3766222.00	0.00013c	(81011224)
366413.66	3766222.00	0.00013c	(81011224)	366433.66	3766222.00	0.00013c	(81102924)
366453.66	3766222.00	0.00013c	(81101324)	366473.66	3766222.00	0.00013c	(81101324)
366493.66	3766222.00	0.00012c	(81022624)	364713.66	3766242.00	0.00043	(81022824)
364733.66	3766242.00	0.00051c	(81061224)	364753.66	3766242.00	0.00063c	(81061224)
364773.66	3766242.00	0.00090c	(81092924)	364793.66	3766242.00	0.00136c	(81092924)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):

L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
364813.66	3766242.00	0.00221c	(81092924)	364833.66	3766242.00	0.00294c	(81012724)
364853.66	3766242.00	0.00370c	(81012224)	364873.66	3766242.00	0.00444c	(81061724)
364893.66	3766242.00	0.00378c	(81071924)	364913.66	3766242.00	0.00240c	(81081024)
364933.66	3766242.00	0.00152c	(81102724)	364953.66	3766242.00	0.00102c	(81032124)
364973.66	3766242.00	0.00074c	(81121024)	364993.66	3766242.00	0.00058c	(81032624)
365013.66	3766242.00	0.00050c	(81122924)	365033.66	3766242.00	0.00045c	(81021124)
365053.66	3766242.00	0.00041c	(81031324)	365073.66	3766242.00	0.00044c	(81121424)
365093.66	3766242.00	0.00039c	(81122524)	365113.66	3766242.00	0.00038c	(81110224)
365133.66	3766242.00	0.00035c	(81120624)	365153.66	3766242.00	0.00026c	(81021024)
365173.66	3766242.00	0.00022c	(81021024)	365193.66	3766242.00	0.00020c	(81121424)
365213.66	3766242.00	0.00018c	(81011624)	365233.66	3766242.00	0.00017c	(81011624)
365253.66	3766242.00	0.00016c	(81113024)	365273.66	3766242.00	0.00016c	(81110124)
365293.66	3766242.00	0.00015c	(81111024)	365313.66	3766242.00	0.00015c	(81032624)
365333.66	3766242.00	0.00014c	(81032624)	365353.66	3766242.00	0.00014c	(81012124)
365373.66	3766242.00	0.00013c	(81112524)	365393.66	3766242.00	0.00013c	(81112924)
365413.66	3766242.00	0.00013c	(81012124)	365433.66	3766242.00	0.00013c	(81021024)
365453.66	3766242.00	0.00013c	(81112924)	365473.66	3766242.00	0.00013c	(81030624)
365493.66	3766242.00	0.00014c	(81113024)	365513.66	3766242.00	0.00014c	(81122324)
365533.66	3766242.00	0.00015c	(81113024)	365553.66	3766242.00	0.00015c	(81122024)
365573.66	3766242.00	0.00015c	(81101524)	365593.66	3766242.00	0.00016c	(81121324)
365613.66	3766242.00	0.00017c	(81102924)	365633.66	3766242.00	0.00018c	(81011224)
365653.66	3766242.00	0.00020c	(81011224)	365673.66	3766242.00	0.00021c	(81011224)
365693.66	3766242.00	0.00022c	(81121124)	365713.66	3766242.00	0.00023c	(81011224)
365733.66	3766242.00	0.00023c	(81121124)	365753.66	3766242.00	0.00023c	(81121124)
365773.66	3766242.00	0.00022c	(81101524)	365793.66	3766242.00	0.00022c	(81101524)
365813.66	3766242.00	0.00022c	(81011124)	365833.66	3766242.00	0.00022c	(81011124)
365853.66	3766242.00	0.00023c	(81011124)	365873.66	3766242.00	0.00023c	(81011124)
365893.66	3766242.00	0.00022c	(81011124)	365913.66	3766242.00	0.00021c	(81102924)
365933.66	3766242.00	0.00021c	(81102924)	365953.66	3766242.00	0.00020c	(81102924)
365973.66	3766242.00	0.00019c	(81121124)	365993.66	3766242.00	0.00019c	(81121124)
366013.66	3766242.00	0.00019c	(81122224)	366033.66	3766242.00	0.00018c	(81122224)
366053.66	3766242.00	0.00018c	(81101724)	366073.66	3766242.00	0.00017c	(81122224)
366093.66	3766242.00	0.00017c	(81101724)	366113.66	3766242.00	0.00017c	(81101724)
366133.66	3766242.00	0.00017c	(81101724)	366153.66	3766242.00	0.00017c	(81011224)
366173.66	3766242.00	0.00016c	(81011224)	366193.66	3766242.00	0.00016c	(81022224)
366213.66	3766242.00	0.00016c	(81022224)	366233.66	3766242.00	0.00015c	(81022224)
366253.66	3766242.00	0.00015c	(81022224)	366273.66	3766242.00	0.00015c	(81121124)
366293.66	3766242.00	0.00015c	(81022224)	366313.66	3766242.00	0.00014c	(81101724)
366333.66	3766242.00	0.00014c	(81011224)	366353.66	3766242.00	0.00014c	(81011224)
366373.66	3766242.00	0.00014c	(81011224)	366393.66	3766242.00	0.00014c	(81011224)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
 L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
 L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
366413.66	3766242.00	0.00014c	(81011224)	366433.66	3766242.00	0.00014c	(81102924)
366453.66	3766242.00	0.00013c	(81022624)	366473.66	3766242.00	0.00013c	(81022624)
366493.66	3766242.00	0.00013c	(81022624)	366493.66	3766262.00	0.00038c	(81122824)
364733.66	3766262.00	0.00049c	(81092924)	364753.66	3766262.00	0.00065c	(81030424)
364773.66	3766262.00	0.00088c	(81112724)	364793.66	3766262.00	0.00110c	(81102124)
364813.66	3766262.00	0.00171c	(81041924)	364833.66	3766262.00	0.00257c	(81092924)
364853.66	3766262.00	0.00275c	(81082524)	364873.66	3766262.00	0.00350c	(81081424)
364893.66	3766262.00	0.00243c	(81051924)	364913.66	3766262.00	0.00182c	(81080824)
364933.66	3766262.00	0.00143c	(81090924)	364953.66	3766262.00	0.00099c	(81082724)
364973.66	3766262.00	0.00074c	(81102724)	364993.66	3766262.00	0.00060c	(81032124)
365013.66	3766262.00	0.00051c	(81121024)	365033.66	3766262.00	0.00049c	(81122924)
365053.66	3766262.00	0.00047c	(81012624)	365073.66	3766262.00	0.00057c	(81012624)
365093.66	3766262.00	0.00047c	(81121024)	365113.66	3766262.00	0.00053c	(81012624)
365133.66	3766262.00	0.00039c	(81121024)	365153.66	3766262.00	0.00030c	(81031324)
365173.66	3766262.00	0.00024c	(81031324)	365193.66	3766262.00	0.00021c	(81011624)
365213.66	3766262.00	0.00020c	(81121924)	365233.66	3766262.00	0.00018c	(81110124)
365253.66	3766262.00	0.00017c	(81110124)	365273.66	3766262.00	0.00017c	(81011624)
365293.66	3766262.00	0.00016c	(81101224)	365313.66	3766262.00	0.00016c	(81110124)
365333.66	3766262.00	0.00015c	(81110124)	365353.66	3766262.00	0.00015c	(81012124)
365373.66	3766262.00	0.00015c	(81012124)	365393.66	3766262.00	0.00014c	(81012124)
365413.66	3766262.00	0.00015c	(81012124)	365433.66	3766262.00	0.00015c	(81012124)
365453.66	3766262.00	0.00014c	(81021024)	365473.66	3766262.00	0.00015c	(81012124)
365493.66	3766262.00	0.00015c	(81012124)	365513.66	3766262.00	0.00015c	(81113024)
365533.66	3766262.00	0.00016c	(81122324)	365553.66	3766262.00	0.00016c	(81103124)
365573.66	3766262.00	0.00017c	(81101524)	365593.66	3766262.00	0.00017c	(81102924)
365613.66	3766262.00	0.00019c	(81102924)	365633.66	3766262.00	0.00021c	(81011224)
365653.66	3766262.00	0.00022c	(81011224)	365673.66	3766262.00	0.00024c	(81011224)
365693.66	3766262.00	0.00025c	(81011224)	365713.66	3766262.00	0.00026c	(81121124)
365733.66	3766262.00	0.00025c	(81121124)	365753.66	3766262.00	0.00024c	(81121124)
365773.66	3766262.00	0.00024c	(81101524)	365793.66	3766262.00	0.00024c	(81011124)
365813.66	3766262.00	0.00025c	(81011124)	365833.66	3766262.00	0.00025c	(81011124)
365853.66	3766262.00	0.00025c	(81011124)	365873.66	3766262.00	0.00024c	(81102924)
365893.66	3766262.00	0.00023c	(81102924)	365913.66	3766262.00	0.00022c	(81102924)
365933.66	3766262.00	0.00022c	(81122324)	365953.66	3766262.00	0.00021c	(81122324)
365973.66	3766262.00	0.00020c	(81121124)	365993.66	3766262.00	0.00020c	(81122224)
366013.66	3766262.00	0.00019c	(81101724)	366033.66	3766262.00	0.00019c	(81121124)
366053.66	3766262.00	0.00019c	(81101824)	366073.66	3766262.00	0.00018c	(81121124)
366093.66	3766262.00	0.00018c	(81122224)	366113.66	3766262.00	0.00018c	(81121124)
366133.66	3766262.00	0.00018c	(81101724)	366153.66	3766262.00	0.00017c	(81011224)
366173.66	3766262.00	0.00017c	(81011224)	366193.66	3766262.00	0.00016c	(81022224)

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**MODELOPTS: CONC

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
 L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
 L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
366213.66	3766262.00	0.00016c	(81022224)	366233.66	3766262.00	0.00016c	(81022224)
366253.66	3766262.00	0.00016c	(81102924)	366273.66	3766262.00	0.00016c	(81121124)
366293.66	3766262.00	0.00015c	(81101724)	366313.66	3766262.00	0.00015c	(81011224)

				PM10op.POU.txt		
366333.66	3766262.00	0.00015c	(81011224)	366333.66	3766262.00	0.00015c (81011224)
366373.66	3766262.00	0.00015c	(81011224)	366393.66	3766262.00	0.00015c (81011224)
366413.66	3766262.00	0.00015c	(81011224)	366433.66	3766262.00	0.00014c (81102924)
366453.66	3766262.00	0.00014c	(81022624)	366473.66	3766262.00	0.00013c (81101324)
366493.66	3766262.00	0.00013c	(81101324)	364713.66	3766282.00	0.00038c (81030424)
364733.66	3766282.00	0.00046c	(81112724)	364753.66	3766282.00	0.00051c (81041924)
364773.66	3766282.00	0.00067c	(81060524)	364793.66	3766282.00	0.00080c (81040624)
364813.66	3766282.00	0.00096c	(81012524)	364833.66	3766282.00	0.00135c (81012224)
364853.66	3766282.00	0.00167c	(81121724)	364873.66	3766282.00	0.00169c (81061724)
364893.66	3766282.00	0.00147c	(81051924)	364913.66	3766282.00	0.00128c (81090924)
364933.66	3766282.00	0.00111c	(81080824)	364953.66	3766282.00	0.00094c (81082724)
364973.66	3766282.00	0.00071c	(81082624)	364993.66	3766282.00	0.00058c (81051424)
365013.66	3766282.00	0.00049c	(81122524)	365033.66	3766282.00	0.00051c (81051424)
365053.66	3766282.00	0.00056c	(81100724)	365073.66	3766282.00	0.00057c (81090924)
365093.66	3766282.00	0.00048c	(81090924)	365113.66	3766282.00	0.00042c (81052624)
365133.66	3766282.00	0.00035c	(81090924)	365153.66	3766282.00	0.00029c (81030724)
365173.66	3766282.00	0.00025c	(81032224)	365193.66	3766282.00	0.00022c (81120624)
365213.66	3766282.00	0.00020c	(81120624)	365233.66	3766282.00	0.00018c (81101224)
365253.66	3766282.00	0.00017c	(81121924)	365273.66	3766282.00	0.00017c (81110124)
365293.66	3766282.00	0.00017c	(81101224)	365313.66	3766282.00	0.00017c (81011624)
365333.66	3766282.00	0.00016c	(81101224)	365353.66	3766282.00	0.00016c (81040324)
365373.66	3766282.00	0.00016c	(81040324)	365393.66	3766282.00	0.00016c (81040324)
365413.66	3766282.00	0.00015c	(81012124)	365433.66	3766282.00	0.00016c (81040324)
365453.66	3766282.00	0.00016c	(81040324)	365473.66	3766282.00	0.00016c (81040324)
365493.66	3766282.00	0.00016c	(81030624)	365513.66	3766282.00	0.00017c (81040324)
365533.66	3766282.00	0.00018c	(81122324)	365553.66	3766282.00	0.00018c (81122324)
365573.66	3766282.00	0.00018c	(81101524)	365593.66	3766282.00	0.00020c (81102924)
365613.66	3766282.00	0.00022c	(81102924)	365633.66	3766282.00	0.00024c (81101524)
365653.66	3766282.00	0.00025c	(81103024)	365673.66	3766282.00	0.00027c (81103024)
365693.66	3766282.00	0.00028c	(81121124)	365713.66	3766282.00	0.00028c (81121124)
365733.66	3766282.00	0.00028c	(81121124)	365753.66	3766282.00	0.00027c (81101524)
365773.66	3766282.00	0.00027c	(81011124)	365793.66	3766282.00	0.00027c (81011124)
365813.66	3766282.00	0.00028c	(81011124)	365833.66	3766282.00	0.00028c (81011124)
365853.66	3766282.00	0.00027c	(81102924)	365873.66	3766282.00	0.00026c (81102924)
365893.66	3766282.00	0.00025c	(81122324)	365913.66	3766282.00	0.00024c (81122324)
365933.66	3766282.00	0.00023c	(81122324)	365953.66	3766282.00	0.00022c (81122324)
365973.66	3766282.00	0.00021c	(81122224)	365993.66	3766282.00	0.00021c (81121124)

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040, L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052, L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)		CONC		(YYMMDDHH)	
366013.66	3766282.00	0.00020c	(81101824)	366033.66	3766282.00	0.00020c	(81101824)
366053.66	3766282.00	0.00020c	(81011124)	366073.66	3766282.00	0.00019c	(81121124)
366093.66	3766282.00	0.00019c	(81121124)	366113.66	3766282.00	0.00019c	(81121124)
366133.66	3766282.00	0.00018c	(81101724)	366153.66	3766282.00	0.00018c	(81011224)
366173.66	3766282.00	0.00017c	(81011224)	366193.66	3766282.00	0.00017c	(81011124)
366213.66	3766282.00	0.00017c	(81102924)	366233.66	3766282.00	0.00017c	(81102924)
366253.66	3766282.00	0.00016c	(81101724)	366273.66	3766282.00	0.00016c	(81101724)
366293.66	3766282.00	0.00016c	(81022624)	366313.66	3766282.00	0.00016c	(81011224)
366333.66	3766282.00	0.00016c	(81011224)	366353.66	3766282.00	0.00016c	(81011224)
366373.66	3766282.00	0.00015c	(81011224)	366393.66	3766282.00	0.00015c	(81011224)
366413.66	3766282.00	0.00015c	(81011224)	366433.66	3766282.00	0.00015c	(81022624)
366453.66	3766282.00	0.00015c	(81022624)	366473.66	3766282.00	0.00014c	(81013124)
366493.66	3766282.00	0.00014c	(81101324)	364713.66	3766302.00	0.00031c	(81041924)
364733.66	3766302.00	0.00036c	(81081124)	364753.66	3766302.00	0.00045c	(81092924)
364773.66	3766302.00	0.00047c	(81011324)	364793.66	3766302.00	0.00052c	(81030424)
364813.66	3766302.00	0.00069c	(81123124)	364833.66	3766302.00	0.00088c	(81112424)
364853.66	3766302.00	0.00099c	(81061524)	364873.66	3766302.00	0.00097c	(81061724)
364893.66	3766302.00	0.00094c	(81091824)	364913.66	3766302.00	0.00089c	(81011924)
364933.66	3766302.00	0.00084c	(81090924)	364953.66	3766302.00	0.00076c	(81102724)
364973.66	3766302.00	0.00067c	(81080824)	364993.66	3766302.00	0.00052c	(81081024)
365013.66	3766302.00	0.00045c	(81082724)	365033.66	3766302.00	0.00042c	(81091724)
365053.66	3766302.00	0.00044c	(81100724)	365073.66	3766302.00	0.00043c	(81082624)
365093.66	3766302.00	0.00040c	(81052624)	365113.66	3766302.00	0.00035c	(81101124)
365133.66	3766302.00	0.00030c	(81032224)	365153.66	3766302.00	0.00027c	(81070124)
365173.66	3766302.00	0.00024c	(81021024)	365193.66	3766302.00	0.00022c	(81121924)
365213.66	3766302.00	0.00020c	(81011524)	365233.66	3766302.00	0.00019c	(81011524)
365253.66	3766302.00	0.00018c	(81021124)	365273.66	3766302.00	0.00017c	(81112524)
365293.66	3766302.00	0.00017c	(81012024)	365313.66	3766302.00	0.00017c	(81112524)
365333.66	3766302.00	0.00018c	(81101224)	365353.66	3766302.00	0.00017c	(81011624)
365373.66	3766302.00	0.00017c	(81012024)	365393.66	3766302.00	0.00017c	(81012024)
365413.66	3766302.00	0.00017c	(81012024)	365433.66	3766302.00	0.00018c	(81020824)
365453.66	3766302.00	0.00018c	(81021024)	365473.66	3766302.00	0.00019c	(81112924)
365493.66	3766302.00	0.00019c	(81040324)	365513.66	3766302.00	0.00020c	(81122224)
365533.66	3766302.00	0.00021c	(81122324)	365553.66	3766302.00	0.00021c	(81122024)
365573.66	3766302.00	0.00021c	(81112924)	365593.66	3766302.00	0.00023c	(81102924)
365613.66	3766302.00	0.00025c	(81122324)	365633.66	3766302.00	0.00026c	(81122324)
365653.66	3766302.00	0.00028c	(81101524)	365673.66	3766302.00	0.00030c	(81103024)
365693.66	3766302.00	0.00031c	(81121124)	365713.66	3766302.00	0.00031c	(81121124)
365733.66	3766302.00	0.00030c	(81121124)	365753.66	3766302.00	0.00030c	(81011124)
365773.66	3766302.00	0.00031c	(81011124)	365793.66	3766302.00	0.00031c	(81011124)

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040, L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052, L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)		Y-COORD (M)		CONC		(YYMMDDHH)	
365813.66	3766302.00	0.00032c	(81011124)	365833.66	3766302.00	0.00030c	(81102924)
365853.66	3766302.00	0.00028c	(81102924)	365873.66	3766302.00	0.00027c	(81122324)
365893.66	3766302.00	0.00027c	(81122324)	365913.66	3766302.00	0.00026c	(81122324)
365933.66	3766302.00	0.00024c	(81122224)	365953.66	3766302.00	0.00023c	(81122324)
365973.66	3766302.00	0.00022c	(81101824)	365993.66	3766302.00	0.00022c	(81101824)
366013.66	3766302.00	0.00022c	(81101824)	366033.66	3766302.00	0.00021c	(81101824)
366053.66	3766302.00	0.00020c	(81011124)	366073.66	3766302.00	0.00019c	(81011124)
366093.66	3766302.00	0.00019c	(81121124)	366113.66	3766302.00	0.00019c	(81011724)
366133.66	3766302.00	0.00019c	(81101724)	366153.66	3766302.00	0.00019c	(81101724)

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366173.66 3766302.00 0.00018c (81011224) PM10op.POU.txt 366193.66 3766302.00 0.00018c (81022624)
366213.66 3766302.00 0.00018c (81101724) 366233.66 3766302.00 0.00017c (81101724)
366253.66 3766302.00 0.00017c (81101724) 366273.66 3766302.00 0.00017c (81022624)
366293.66 3766302.00 0.00017c (81022624) 366313.66 3766302.00 0.00017c (81022624)
366333.66 3766302.00 0.00016c (81022624) 366353.66 3766302.00 0.00016c (81022624)
366373.66 3766302.00 0.00016c (81022624) 366393.66 3766302.00 0.00016c (81011224)
366413.66 3766302.00 0.00016c (81011224) 366433.66 3766302.00 0.00016c (81022624)
366453.66 3766302.00 0.00015c (81122224) 366473.66 3766302.00 0.00015c (81013124)
366493.66 3766302.00 0.00014c (81022624) 364713.66 3766322.00 0.00029c (81081124)
364733.66 3766322.00 0.00031c (81040624) 364753.66 3766322.00 0.00033c (81112424)
364773.66 3766322.00 0.00036c (81030424) 364793.66 3766322.00 0.00044c (81012524)
364813.66 3766322.00 0.00049c (81031524) 364833.66 3766322.00 0.00059c (81041524)
364853.66 3766322.00 0.00066c (81012224) 364873.66 3766322.00 0.00067c (81021824)
364893.66 3766322.00 0.00065c (81102224) 364913.66 3766322.00 0.00063c (81082524)
364933.66 3766322.00 0.00061c (81082724) 364953.66 3766322.00 0.00061c (81032924)
364973.66 3766322.00 0.00055c (81102724) 364993.66 3766322.00 0.00048c (81051424)
365013.66 3766322.00 0.00040c (81091524) 365033.66 3766322.00 0.00039c (81091724)
365053.66 3766322.00 0.00040c (81081024) 365073.66 3766322.00 0.00037c (81051424)
365093.66 3766322.00 0.00035c (81080824) 365113.66 3766322.00 0.00032c (81052624)
365133.66 3766322.00 0.00029c (81091524) 365153.66 3766322.00 0.00026c (81081024)
365173.66 3766322.00 0.00022c (81032224) 365193.66 3766322.00 0.00021c (81030624)
365213.66 3766322.00 0.00020c (81082024) 365233.66 3766322.00 0.00020c (81101224)
365253.66 3766322.00 0.00019c (81012024) 365273.66 3766322.00 0.00019c (81021124)
365293.66 3766322.00 0.00019c (81020924) 365313.66 3766322.00 0.00020c (81012024)
365333.66 3766322.00 0.00020c (81122024) 365353.66 3766322.00 0.00020c (81040324)
365373.66 3766322.00 0.00020c (81012024) 365393.66 3766322.00 0.00020c (81040324)
365413.66 3766322.00 0.00020c (81040324) 365433.66 3766322.00 0.00019c (81012024)
365453.66 3766322.00 0.00020c (81021024) 365473.66 3766322.00 0.00021c (81112924)
365493.66 3766322.00 0.00023c (81122324) 365513.66 3766322.00 0.00024c (81040324)
365533.66 3766322.00 0.00024c (81122324) 365553.66 3766322.00 0.00025c (81122324)
365573.66 3766322.00 0.00025c (81102924) 365593.66 3766322.00 0.00027c (81103024)
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

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*** 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)
365613.66	3766322.00	0.00028c	(81103024)	365633.66	3766322.00	0.00030c	(81121124)
365653.66	3766322.00	0.00032c	(81102924)	365673.66	3766322.00	0.00034c	(81103024)
365693.66	3766322.00	0.00035c	(81121124)	365713.66	3766322.00	0.00035c	(81121124)
365733.66	3766322.00	0.00033c	(81121124)	365753.66	3766322.00	0.00034c	(81011124)
365773.66	3766322.00	0.00035c	(81011124)	365793.66	3766322.00	0.00036c	(81011124)
365813.66	3766322.00	0.00034c	(81102924)	365833.66	3766322.00	0.00032c	(81102924)
365853.66	3766322.00	0.00030c	(81122324)	365873.66	3766322.00	0.00030c	(81122324)
365893.66	3766322.00	0.00029c	(81122224)	365913.66	3766322.00	0.00027c	(81122224)
365933.66	3766322.00	0.00026c	(81121124)	365953.66	3766322.00	0.00025c	(81013124)
365973.66	3766322.00	0.00024c	(81101724)	365993.66	3766322.00	0.00024c	(81101824)
366013.66	3766322.00	0.00023c	(81101824)	366033.66	3766322.00	0.00022c	(81101824)
366053.66	3766322.00	0.00021c	(81101824)	366073.66	3766322.00	0.00020c	(81022624)
366093.66	3766322.00	0.00020c	(81101724)	366113.66	3766322.00	0.00020c	(81101724)
366133.66	3766322.00	0.00020c	(81101724)	366153.66	3766322.00	0.00019c	(81101724)
366173.66	3766322.00	0.00019c	(81022624)	366193.66	3766322.00	0.00019c	(81101724)
366213.66	3766322.00	0.00019c	(81022624)	366233.66	3766322.00	0.00018c	(81022624)
366253.66	3766322.00	0.00018c	(81022624)	366273.66	3766322.00	0.00018c	(81022624)
366293.66	3766322.00	0.00018c	(81022624)	366313.66	3766322.00	0.00018c	(81022624)
366333.66	3766322.00	0.00017c	(81022624)	366353.66	3766322.00	0.00017c	(81022624)
366373.66	3766322.00	0.00017c	(81022624)	366393.66	3766322.00	0.00017c	(81011224)
366413.66	3766322.00	0.00017c	(81102924)	366433.66	3766322.00	0.00016c	(81022624)
366453.66	3766322.00	0.00016c	(81013124)	366473.66	3766322.00	0.00015c	(81013124)
366493.66	3766322.00	0.00015c	(81013124)	364713.66	3766342.00	0.00024c	(81040624)
364733.66	3766342.00	0.00026c	(81112424)	364753.66	3766342.00	0.00027c	(81040624)
364773.66	3766342.00	0.00030c	(81012524)	364793.66	3766342.00	0.00033c	(81042424)
364813.66	3766342.00	0.00038c	(81041924)	364833.66	3766342.00	0.00045c	(81041924)
364853.66	3766342.00	0.00048c	(81112424)	364873.66	3766342.00	0.00050c	(81021824)
364893.66	3766342.00	0.00046c	(81041124)	364913.66	3766342.00	0.00049c	(81011924)
364933.66	3766342.00	0.00046c	(81021924)	364953.66	3766342.00	0.00046c	(81090924)
364973.66	3766342.00	0.00046c	(81090924)	364993.66	3766342.00	0.00042c	(81051424)
365013.66	3766342.00	0.00037c	(81072824)	365033.66	3766342.00	0.00034c	(81072824)
365053.66	3766342.00	0.00036c	(81091724)	365073.66	3766342.00	0.00034c	(81081024)
365093.66	3766342.00	0.00032c	(81081524)	365113.66	3766342.00	0.00030c	(81102724)
365133.66	3766342.00	0.00027c	(81091524)	365153.66	3766342.00	0.00024c	(81091524)
365173.66	3766342.00	0.00022c	(81081024)	365193.66	3766342.00	0.00021c	(81082024)
365213.66	3766342.00	0.00020c	(81030624)	365233.66	3766342.00	0.00021c	(81082024)
365253.66	3766342.00	0.00020c	(81082024)	365273.66	3766342.00	0.00020c	(81031824)
365293.66	3766342.00	0.00020c	(81021024)	365313.66	3766342.00	0.00020c	(81020924)
365333.66	3766342.00	0.00022c	(81021024)	365353.66	3766342.00	0.00023c	(81122024)
365373.66	3766342.00	0.00023c	(81040324)	365393.66	3766342.00	0.00023c	(81040324)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

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*** 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)
365413.66	3766342.00	0.00022c	(81021024)	365433.66	3766342.00	0.00022c	(81021024)
365453.66	3766342.00	0.00022c	(81012024)	365473.66	3766342.00	0.00025c	(81020824)
365493.66	3766342.00	0.00026c	(81122324)	365513.66	3766342.00	0.00027c	(81122324)
365533.66	3766342.00	0.00028c	(81122324)	365553.66	3766342.00	0.00028c	(81112924)
365573.66	3766342.00	0.00030c	(81103024)	365593.66	3766342.00	0.00031c	(81103024)
365613.66	3766342.00	0.00032c	(81121124)	365633.66	3766342.00	0.00034c	(81101524)
365653.66	3766342.00	0.00036c	(81102924)	365673.66	3766342.00	0.00039c	(81121124)
365693.66	3766342.00	0.00039c	(81121124)	365713.66	3766342.00	0.00038c	(81121124)
365733.66	3766342.00	0.00039c	(81011124)	365753.66	3766342.00	0.00040c	(81011124)
365773.66	3766342.00	0.00041c	(81011124)	365793.66	3766342.00	0.00040c	(81102924)
365813.66	3766342.00	0.00037c	(81102924)	365833.66	3766342.00	0.00034c	(81102924)
365853.66	3766342.00	0.00033c	(81122324)	365873.66	3766342.00	0.00032c	(81122324)
365893.66	3766342.00	0.00030c	(81121124)	365913.66	3766342.00	0.00029c	(81121124)
365933.66	3766342.00	0.00027c	(81101824)	365953.66	3766342.00	0.00027c	(81013124)
365973.66	3766342.00	0.00026c	(81101724)	365993.66	3766342.00	0.00025c	(81101824)

366013.66 3766342.00 0.00024c (81101824) PM10op.POU.txt 366033.66 3766342.00 0.00023c (81022624)
366053.66 3766342.00 0.00022c (81011124) 366073.66 3766342.00 0.00022c (81011124)
366093.66 3766342.00 0.00022c (81022624) 366113.66 3766342.00 0.00021c (81022624)
366133.66 3766342.00 0.00021c (81022624) 366153.66 3766342.00 0.00021c (81022624)
366173.66 3766342.00 0.00020c (81022624) 366193.66 3766342.00 0.00020c (81022624)
366213.66 3766342.00 0.00020c (81022624) 366233.66 3766342.00 0.00019c (81022624)
366253.66 3766342.00 0.00019c (81022624) 366273.66 3766342.00 0.00019c (81022624)
366293.66 3766342.00 0.00019c (81022624) 366313.66 3766342.00 0.00019c (81121124)
366333.66 3766342.00 0.00018c (81022624) 366353.66 3766342.00 0.00018c (81022624)
366373.66 3766342.00 0.00018c (81011224) 366393.66 3766342.00 0.00018c (81011224)
366413.66 3766342.00 0.00018c (81102924) 366433.66 3766342.00 0.00017 (81122224)
366453.66 3766342.00 0.00017c (81013124) 366473.66 3766342.00 0.00016c (81013124)
366493.66 3766342.00 0.00016c (81013124) 364713.66 3766362.00 0.00021c (81112424)
364733.66 3766362.00 0.00021c (81040624) 364753.66 3766362.00 0.00022c (81012524)
364773.66 3766362.00 0.00027c (81123124) 364793.66 3766362.00 0.00026c (81021424)
364813.66 3766362.00 0.00031c (81012524) 364833.66 3766362.00 0.00035c (81041924)
364853.66 3766362.00 0.00037c (81012224) 364873.66 3766362.00 0.00040c (81030324)
364893.66 3766362.00 0.00037c (81030324) 364913.66 3766362.00 0.00037c (81100624)
364933.66 3766362.00 0.00038c (81082524) 364953.66 3766362.00 0.00037c (81081024)
364973.66 3766362.00 0.00037c (81090924) 364993.66 3766362.00 0.00035c (81081024)
365013.66 3766362.00 0.00033c (81090924) 365033.66 3766362.00 0.00031c (81072824)
365053.66 3766362.00 0.00031c (81051924) 365073.66 3766362.00 0.00031c (81011924)
365093.66 3766362.00 0.00029c (81021124) 365113.66 3766362.00 0.00028c (81011924)
365133.66 3766362.00 0.00026c (81011924) 365153.66 3766362.00 0.00024c (81011924)
365173.66 3766362.00 0.00022c (81080824) 365193.66 3766362.00 0.00021c (81052624)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 156
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
*** 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)
365213.66 3766362.00 0.00021c (81011624) 365233.66 3766362.00 0.00020c (81020724)
365253.66 3766362.00 0.00020c (81031824) 365273.66 3766362.00 0.00020c (81031824)
365293.66 3766362.00 0.00021c (81082024) 365313.66 3766362.00 0.00022c (81021124)
365333.66 3766362.00 0.00023c (81011224) 365353.66 3766362.00 0.00024c (81112924)
365373.66 3766362.00 0.00026c (81040324) 365393.66 3766362.00 0.00026c (81112924)
365413.66 3766362.00 0.00026c (81040324) 365433.66 3766362.00 0.00025c (81112924)
365453.66 3766362.00 0.00026c (81012024) 365473.66 3766362.00 0.00030c (81122724)
365493.66 3766362.00 0.00033c (81030624) 365513.66 3766362.00 0.00033c (81122324)
365533.66 3766362.00 0.00035c (81122324) 365553.66 3766362.00 0.00034c (81102924)
365573.66 3766362.00 0.00034c (81011124) 365593.66 3766362.00 0.00036c (81103024)
365613.66 3766362.00 0.00037c (81020824) 365633.66 3766362.00 0.00040c (81101524)
365653.66 3766362.00 0.00042c (81103024) 365673.66 3766362.00 0.00044c (81121124)
365693.66 3766362.00 0.00044c (81121124) 365713.66 3766362.00 0.00044c (81011124)
365733.66 3766362.00 0.00046c (81011124) 365753.66 3766362.00 0.00047c (81011124)
365773.66 3766362.00 0.00047c (81102924) 365793.66 3766362.00 0.00043c (81102924)
365813.66 3766362.00 0.00040c (81102924) 365833.66 3766362.00 0.00037c (81013124)
365853.66 3766362.00 0.00036c (81013124) 365873.66 3766362.00 0.00034c (81013124)
365893.66 3766362.00 0.00033c (81122324) 365913.66 3766362.00 0.00031c (81121124)
365933.66 3766362.00 0.00030c (81101824) 365953.66 3766362.00 0.00029c (81101824)
365973.66 3766362.00 0.00028c (81101824) 365993.66 3766362.00 0.00027c (81022624)
366013.66 3766362.00 0.00026c (81022624) 366033.66 3766362.00 0.00025c (81011124)
366053.66 3766362.00 0.00024c (81011124) 366073.66 3766362.00 0.00023c (81011124)
366093.66 3766362.00 0.00023c (81022624) 366113.66 3766362.00 0.00023c (81022624)
366133.66 3766362.00 0.00022c (81022624) 366153.66 3766362.00 0.00022c (81102924)
366173.66 3766362.00 0.00021c (81022624) 366193.66 3766362.00 0.00021c (81022624)
366213.66 3766362.00 0.00021c (81022624) 366233.66 3766362.00 0.00021c (81022624)
366253.66 3766362.00 0.00021c (81022624) 366273.66 3766362.00 0.00020c (81022624)
366293.66 3766362.00 0.00020c (81011124) 366313.66 3766362.00 0.00020c (81011124)
366333.66 3766362.00 0.00020c (81121124) 366353.66 3766362.00 0.00019c (81121124)
366373.66 3766362.00 0.00019c (81011224) 366393.66 3766362.00 0.00019c (81011224)
366413.66 3766362.00 0.00019c (81102924) 366433.66 3766362.00 0.00018c (81013124)
366453.66 3766362.00 0.00018c (81013124) 366473.66 3766362.00 0.00017c (81013124)
366493.66 3766362.00 0.00017c (81011124) 364713.66 3766382.00 0.00017c (81040624)
364733.66 3766382.00 0.00017c (81122424) 364753.66 3766382.00 0.00022c (81102124)
364773.66 3766382.00 0.00022c (81122424) 364793.66 3766382.00 0.00023c (81041924)
364813.66 3766382.00 0.00027c (81041924) 364833.66 3766382.00 0.00028c (81041924)
364853.66 3766382.00 0.00031c (81061524) 364873.66 3766382.00 0.00032c (81020324)
364893.66 3766382.00 0.00030c (81091624) 364913.66 3766382.00 0.00030c (81101924)
364933.66 3766382.00 0.00030c (81100624) 364953.66 3766382.00 0.00029c (81032924)
364973.66 3766382.00 0.00029c (81081024) 364993.66 3766382.00 0.00029c (81081024)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 157
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
*** 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)
365013.66 3766382.00 0.00029c (81102024) 365033.66 3766382.00 0.00027c (81102724)
365053.66 3766382.00 0.00027c (81050224) 365073.66 3766382.00 0.00027c (81081524)
365093.66 3766382.00 0.00026c (81082724) 365113.66 3766382.00 0.00027c (81081524)
365133.66 3766382.00 0.00025c (81081524) 365153.66 3766382.00 0.00025c (81080824)
365173.66 3766382.00 0.00023c (81080824) 365193.66 3766382.00 0.00022c (81020724)
365213.66 3766382.00 0.00021c (81122524) 365233.66 3766382.00 0.00021c (81101124)
365253.66 3766382.00 0.00022c (81020724) 365273.66 3766382.00 0.00021c (81042824)
365293.66 3766382.00 0.00023c (81042824) 365313.66 3766382.00 0.00024c (81042824)
365333.66 3766382.00 0.00025c (81012024) 365353.66 3766382.00 0.00027c (81011224)
365373.66 3766382.00 0.00029 (81040324) 365393.66 3766382.00 0.00031c (81112924)
365413.66 3766382.00 0.00032 (81040324) 365433.66 3766382.00 0.00032 (81040324)
365453.66 3766382.00 0.00032c (81012024) 365473.66 3766382.00 0.00038c (81122724)
365493.66 3766382.00 0.00042c (81030624) 365513.66 3766382.00 0.00041c (81122324)
365533.66 3766382.00 0.00042c (81122024) 365553.66 3766382.00 0.00044c (81103024)
365573.66 3766382.00 0.00043c (81103024) 365593.66 3766382.00 0.00042c (81103024)
365613.66 3766382.00 0.00044c (81011124) 365633.66 3766382.00 0.00047c (81101524)
365653.66 3766382.00 0.00050c (81102924) 365673.66 3766382.00 0.00051c (81121124)
365693.66 3766382.00 0.00052c (81011124) 365713.66 3766382.00 0.00054c (81011124)
365733.66 3766382.00 0.00055c (81011124) 365753.66 3766382.00 0.00055c (81102924)
365773.66 3766382.00 0.00052c (81102924) 365793.66 3766382.00 0.00048c (81102924)
365813.66 3766382.00 0.00044c (81013124) 365833.66 3766382.00 0.00042c (81013124)
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365853.66 3766382.00 0.00039c (81022624) PM10op.POU.txt 365873.66 3766382.00 0.00037c (81121124)
365893.66 3766382.00 0.00036c (81121124) 365913.66 3766382.00 0.00033c (81101824)
365933.66 3766382.00 0.00032c (81110224) 365953.66 3766382.00 0.00032c (81013124)
365973.66 3766382.00 0.00030c (81013124) 365993.66 3766382.00 0.00029c (81022624)
366013.66 3766382.00 0.00028c (81011124) 366033.66 3766382.00 0.00027c (81011124)
366053.66 3766382.00 0.00026c (81120124) 366073.66 3766382.00 0.00025c (81120124)
366093.66 3766382.00 0.00025c (81022624) 366113.66 3766382.00 0.00024c (81022624)
366133.66 3766382.00 0.00023c (81022624) 366153.66 3766382.00 0.00024c (81011224)
366173.66 3766382.00 0.00023c (81022624) 366193.66 3766382.00 0.00022c (81022624)
366213.66 3766382.00 0.00022c (81101524) 366233.66 3766382.00 0.00022c (81022624)
366253.66 3766382.00 0.00022c (81022624) 366273.66 3766382.00 0.00022c (81011124)
366293.66 3766382.00 0.00022c (81011124) 366313.66 3766382.00 0.00022c (81011124)
366333.66 3766382.00 0.00021c (81011124) 366353.66 3766382.00 0.00021c (81121124)
366373.66 3766382.00 0.00020c (81011224) 366393.66 3766382.00 0.00020c (81011224)
366413.66 3766382.00 0.00019c (81013124) 366433.66 3766382.00 0.00019c (81013124)
366453.66 3766382.00 0.00019c (81013124) 366473.66 3766382.00 0.00018c (81011124)
366493.66 3766382.00 0.00017c (81011124) 364713.66 3766402.00 0.00015c (81060524)
364733.66 3766402.00 0.00018c (81070424) 364753.66 3766402.00 0.00018c (81102124)
364773.66 3766402.00 0.00018c (81041924) 364793.66 3766402.00 0.00021c (81041924)
1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
*** 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)
364813.66 3766402.00 0.00024c (81121024) 364833.66 3766402.00 0.00024c (81041924)
364853.66 3766402.00 0.00026c (81011824) 364873.66 3766402.00 0.00026c (81121024)
364893.66 3766402.00 0.00025c (81102224) 364913.66 3766402.00 0.00025c (81101924)
364933.66 3766402.00 0.00025c (81101924) 364953.66 3766402.00 0.00026c (81083024)
364973.66 3766402.00 0.00023c (81121024) 364993.66 3766402.00 0.00025c (81090924)
365013.66 3766402.00 0.00026c (81121024) 365033.66 3766402.00 0.00025c (81090924)
365053.66 3766402.00 0.00025c (81101124) 365073.66 3766402.00 0.00024c (81102724)
365093.66 3766402.00 0.00024c (81081524) 365113.66 3766402.00 0.00025c (81080824)
365133.66 3766402.00 0.00025c (81030224) 365153.66 3766402.00 0.00024c (81102724)
365173.66 3766402.00 0.00023c (81092824) 365193.66 3766402.00 0.00023c (81092824)
365213.66 3766402.00 0.00023c (81100424) 365233.66 3766402.00 0.00023c (81011924)
365253.66 3766402.00 0.00023c (81111024) 365273.66 3766402.00 0.00024c (81082024)
365293.66 3766402.00 0.00025 (81030524) 365313.66 3766402.00 0.00026c (81012924)
365333.66 3766402.00 0.00029c (81042824) 365353.66 3766402.00 0.00030c (81042824)
365373.66 3766402.00 0.00033c (81012024) 365393.66 3766402.00 0.00036c (81012024)
365413.66 3766402.00 0.00040c (81112924) 365433.66 3766402.00 0.00039 (81040324)
365453.66 3766402.00 0.00042c (81112924) 365473.66 3766402.00 0.00051c (81122724)
365493.66 3766402.00 0.00052c (81122024) 365513.66 3766402.00 0.00055c (81103024)
365533.66 3766402.00 0.00056c (81103024) 365553.66 3766402.00 0.00054c (81103024)
365573.66 3766402.00 0.00053c (81103024) 365593.66 3766402.00 0.00052c (81103024)
365613.66 3766402.00 0.00054c (81121124) 365633.66 3766402.00 0.00058c (81103024)
365653.66 3766402.00 0.00060c (81121124) 365673.66 3766402.00 0.00062c (81011124)
365693.66 3766402.00 0.00064c (81011124) 365713.66 3766402.00 0.00066c (81011124)
365733.66 3766402.00 0.00066c (81102924) 365753.66 3766402.00 0.00063c (81102924)
365773.66 3766402.00 0.00059c (81102924) 365793.66 3766402.00 0.00053c (81013124)
365813.66 3766402.00 0.00051c (81013124) 365833.66 3766402.00 0.00046c (81022624)
365853.66 3766402.00 0.00044c (81022624) 365873.66 3766402.00 0.00041c (81022624)
365893.66 3766402.00 0.00039c (81110224) 365913.66 3766402.00 0.00038c (81110224)
365933.66 3766402.00 0.00036c (81013124) 365953.66 3766402.00 0.00035c (81013124)
365973.66 3766402.00 0.00033c (81022624) 365993.66 3766402.00 0.00032c (81022624)
366013.66 3766402.00 0.00030c (81011124) 366033.66 3766402.00 0.00029c (81120124)
366053.66 3766402.00 0.00028c (81120124) 366073.66 3766402.00 0.00027c (81022624)
366093.66 3766402.00 0.00027c (81110224) 366113.66 3766402.00 0.00026c (81110224)
366133.66 3766402.00 0.00026c (81102924) 366153.66 3766402.00 0.00025c (81011224)
366173.66 3766402.00 0.00025c (81110224) 366193.66 3766402.00 0.00025c (81101524)
366213.66 3766402.00 0.00024c (81101524) 366233.66 3766402.00 0.00024c (81101524)
366253.66 3766402.00 0.00024c (81101524) 366273.66 3766402.00 0.00023c (81011124)
366293.66 3766402.00 0.00023c (81011124) 366313.66 3766402.00 0.00023c (81011124)
366333.66 3766402.00 0.00023c (81011124) 366353.66 3766402.00 0.00022c (81121124)
366373.66 3766402.00 0.00022c (81110224) 366393.66 3766402.00 0.00021c (81102924)
1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
*** 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)
366413.66 3766402.00 0.00021c (81013124) 366433.66 3766402.00 0.00020c (81011124)
366453.66 3766402.00 0.00019c (81011124) 366473.66 3766402.00 0.00019c (81011124)
366493.66 3766402.00 0.00018c (81011124) 364713.66 3766422.00 0.00014c (81122424)
364733.66 3766422.00 0.00015c (81102124) 364753.66 3766422.00 0.00015c (81012524)
364773.66 3766422.00 0.00016c (81123024) 364793.66 3766422.00 0.00019c (81121724)
364813.66 3766422.00 0.00022 (81031524) 364833.66 3766422.00 0.00022c (81041924)
364853.66 3766422.00 0.00022c (81011824) 364873.66 3766422.00 0.00023c (81030324)
364893.66 3766422.00 0.00021c (81102224) 364913.66 3766422.00 0.00021c (81101924)
364933.66 3766422.00 0.00021c (81081524) 364953.66 3766422.00 0.00021c (81100624)
364973.66 3766422.00 0.00021c (81021424) 364993.66 3766422.00 0.00021c (81021924)
365013.66 3766422.00 0.00022c (81010324) 365033.66 3766422.00 0.00023c (81090924)
365053.66 3766422.00 0.00022c (81061224) 365073.66 3766422.00 0.00023c (81082724)
365093.66 3766422.00 0.00022c (81050224) 365113.66 3766422.00 0.00022c (81030224)
365133.66 3766422.00 0.00023c (81102024) 365153.66 3766422.00 0.00023c (81102024)
365173.66 3766422.00 0.00023c (81092824) 365193.66 3766422.00 0.00024c (81092824)
365213.66 3766422.00 0.00025c (81092824) 365233.66 3766422.00 0.00026c (81100424)
365253.66 3766422.00 0.00027 (81030524) 365273.66 3766422.00 0.00028c (81111024)
365293.66 3766422.00 0.00029c (81111024) 365313.66 3766422.00 0.00031c (81111024)
365333.66 3766422.00 0.00033c (81100424) 365353.66 3766422.00 0.00035c (81082024)
365373.66 3766422.00 0.00039 (81030524) 365393.66 3766422.00 0.00042 (81030524)
365413.66 3766422.00 0.00049c (81012024) 365433.66 3766422.00 0.00056c (81101224)
365453.66 3766422.00 0.00058c (81012024) 365473.66 3766422.00 0.00071c (81030624)
365493.66 3766422.00 0.00080c (81011124) 365513.66 3766422.00 0.00080c (81103124)
365533.66 3766422.00 0.00075c (81103024) 365553.66 3766422.00 0.00072c (81103024)
365573.66 3766422.00 0.00070c (81103024) 365593.66 3766422.00 0.00068c (81103024)
365613.66 3766422.00 0.00069c (81103024) 365633.66 3766422.00 0.00073c (81011124)
365653.66 3766422.00 0.00077c (81011124) 365673.66 3766422.00 0.00080c (81011124)
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365693.66 3766422.00 0.00082c (81011124) PM10op.POU.txt 365713.66 3766422.00 0.00081c (81102924)
365733.66 3766422.00 0.00078c (81102924) 365753.66 3766422.00 0.00073c (81102924)
365773.66 3766422.00 0.00067c (81102924) 365793.66 3766422.00 0.00063c (81013124)
365813.66 3766422.00 0.00056c (81022624) 365833.66 3766422.00 0.00052c (81022624)
365853.66 3766422.00 0.00050c (81110224) 365873.66 3766422.00 0.00048c (81013124)
365893.66 3766422.00 0.00045c (81013124) 365913.66 3766422.00 0.00042c (81013124)
365933.66 3766422.00 0.00040c (81013124) 365953.66 3766422.00 0.00038c (81013124)
365973.66 3766422.00 0.00036c (81022624) 365993.66 3766422.00 0.00035c (81022624)
366013.66 3766422.00 0.00033c (81011124) 366033.66 3766422.00 0.00032c (81022624)
366053.66 3766422.00 0.00031c (81120124) 366073.66 3766422.00 0.00030c (81120124)
366093.66 3766422.00 0.00030c (81110224) 366113.66 3766422.00 0.00029c (81110224)
366133.66 3766422.00 0.00029c (81011224) 366153.66 3766422.00 0.00028c (81110224)
366173.66 3766422.00 0.00027c (8101524) 366193.66 3766422.00 0.00027c (81101524)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
366213.66 3766422.00 0.00027c (81101524) 366233.66 3766422.00 0.00026c (81101524)
366253.66 3766422.00 0.00026c (81101524) 366273.66 3766422.00 0.00025c (81011124)
366293.66 3766422.00 0.00025c (81011124) 366313.66 3766422.00 0.00025c (81011124)
366333.66 3766422.00 0.00025c (81011124) 366353.66 3766422.00 0.00024c (81011124)
366373.66 3766422.00 0.00024c (81011124) 366393.66 3766422.00 0.00022c (81102924)
366413.66 3766422.00 0.00022c (81011224) 366433.66 3766422.00 0.00021c (81011124)
366453.66 3766422.00 0.00020c (81011124) 366473.66 3766422.00 0.00019c (81011124)
366493.66 3766422.00 0.00019c (81011124) 364713.66 3766442.00 0.00013c (81102124)
364733.66 3766442.00 0.00013c (81102124) 364753.66 3766442.00 0.00018c (81041924)
364773.66 3766442.00 0.00015c (81092924) 364793.66 3766442.00 0.00018c (81041924)
364813.66 3766442.00 0.00019c (81031524) 364833.66 3766442.00 0.00020c (81041924)
364853.66 3766442.00 0.00019c (81041924) 364873.66 3766442.00 0.00020c (81010324)
364893.66 3766442.00 0.00018c (81040624) 364913.66 3766442.00 0.00018c (81112624)
364933.66 3766442.00 0.00018c (81041124) 364953.66 3766442.00 0.00019c (81100624)
364973.66 3766442.00 0.00019c (81042224) 364993.66 3766442.00 0.00019c (81042224)
365013.66 3766442.00 0.00020c (81061224) 365033.66 3766442.00 0.00021c (81102024)
365053.66 3766442.00 0.00023c (81011924) 365073.66 3766442.00 0.00022c (81121024)
365093.66 3766442.00 0.00021c (81050224) 365113.66 3766442.00 0.00022c (81102824)
365133.66 3766442.00 0.00022c (81030224) 365153.66 3766442.00 0.00023c (81112624)
365173.66 3766442.00 0.00024c (81112624) 365193.66 3766442.00 0.00024c (81102024)
365213.66 3766442.00 0.00026c (81112724) 365233.66 3766442.00 0.00027c (81092824)
365253.66 3766442.00 0.00028c (81101124) 365273.66 3766442.00 0.00029c (81100424)
365293.66 3766442.00 0.00032c (81100424) 365313.66 3766442.00 0.00035c (81111024)
365333.66 3766442.00 0.00039c (81111024) 365353.66 3766442.00 0.00043c (81111024)
365373.66 3766442.00 0.00049c (81021124) 365393.66 3766442.00 0.00056c (81042824)
365413.66 3766442.00 0.00065c (81112924) 365433.66 3766442.00 0.00086c (81112924)
365453.66 3766442.00 0.00101c (81112824) 365473.66 3766442.00 0.00137c (81040324)
365493.66 3766442.00 0.00143c (81103124) 365513.66 3766442.00 0.00124c (81103024)
365533.66 3766442.00 0.00115c (81103024) 365553.66 3766442.00 0.00106c (81122224)
365573.66 3766442.00 0.00098c (81122224) 365593.66 3766442.00 0.00093c (81103024)
365613.66 3766442.00 0.00094c (81103024) 365633.66 3766442.00 0.00099c (81102924)
365653.66 3766442.00 0.00106c (81011124) 365673.66 3766442.00 0.00106c (81102924)
365693.66 3766442.00 0.00103c (81102924) 365713.66 3766442.00 0.00099c (81102924)
365733.66 3766442.00 0.00094c (81102924) 365753.66 3766442.00 0.00087c (81102924)
365773.66 3766442.00 0.00080c (81013124) 365793.66 3766442.00 0.00070c (81122224)
365813.66 3766442.00 0.00066c (81110224) 365833.66 3766442.00 0.00063c (81013124)
365853.66 3766442.00 0.00058c (81013124) 365873.66 3766442.00 0.00053c (81013124)
365893.66 3766442.00 0.00050c (81013124) 365913.66 3766442.00 0.00047c (81013124)
365933.66 3766442.00 0.00045c (81013124) 365953.66 3766442.00 0.00043c (81013124)
365973.66 3766442.00 0.00040c (81013124) 365993.66 3766442.00 0.00038c (81022624)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
366013.66 3766442.00 0.00036c (81011124) 366033.66 3766442.00 0.00035c (81121124)
366053.66 3766442.00 0.00034c (81120124) 366073.66 3766442.00 0.00033c (81122224)
366093.66 3766442.00 0.00033c (81110224) 366113.66 3766442.00 0.00032c (81110224)
366133.66 3766442.00 0.00031c (81011224) 366153.66 3766442.00 0.00030c (81011224)
366173.66 3766442.00 0.00030c (81101524) 366193.66 3766442.00 0.00030c (81101524)
366213.66 3766442.00 0.00029c (81101524) 366233.66 3766442.00 0.00029c (81101524)
366253.66 3766442.00 0.00028c (81101524) 366273.66 3766442.00 0.00028c (81011124)
366293.66 3766442.00 0.00027c (81011124) 366313.66 3766442.00 0.00027c (81011124)
366333.66 3766442.00 0.00027c (81110224) 366353.66 3766442.00 0.00026c (81011124)
366373.66 3766442.00 0.00025c (81011124) 366393.66 3766442.00 0.00024c (81011224)
366413.66 3766442.00 0.00023c (81011124) 366433.66 3766442.00 0.00022c (81011124)
366453.66 3766442.00 0.00021c (81011124) 366473.66 3766442.00 0.00020c (81101824)
366493.66 3766442.00 0.00020c (81011224) 364713.66 3766462.00 0.00011c (81102124)
364733.66 3766462.00 0.00011c (81011724) 364753.66 3766462.00 0.00013c (81011724)
364773.66 3766462.00 0.00014c (81092924) 364793.66 3766462.00 0.00017c (81012224)
364813.66 3766462.00 0.00018c (81041924) 364833.66 3766462.00 0.00018c (81041924)
364853.66 3766462.00 0.00018c (81040624) 364873.66 3766462.00 0.00019c (81091824)
364893.66 3766462.00 0.00017c (81121024) 364913.66 3766462.00 0.00016c (81030324)
364933.66 3766462.00 0.00016c (81122424) 364953.66 3766462.00 0.00017c (81083024)
364973.66 3766462.00 0.00018c (81083024) 364993.66 3766462.00 0.00018c (81011724)
365013.66 3766462.00 0.00018c (81042224) 365033.66 3766462.00 0.00019c (81042924)
365053.66 3766462.00 0.00020c (81102024) 365073.66 3766462.00 0.00021c (81050224)
365093.66 3766462.00 0.00021c (81042924) 365113.66 3766462.00 0.00021c (81012924)
365133.66 3766462.00 0.00022c (81121024) 365153.66 3766462.00 0.00023c (81121024)
365173.66 3766462.00 0.00024c (81112724) 365193.66 3766462.00 0.00025c (81101124)
365213.66 3766462.00 0.00026c (81101124) 365233.66 3766462.00 0.00027c (81042924)
365253.66 3766462.00 0.00029c (81031424) 365273.66 3766462.00 0.00031c (81031424)
365293.66 3766462.00 0.00033c (81031424) 365313.66 3766462.00 0.00036c (81092824)
365333.66 3766462.00 0.00041c (81022824) 365353.66 3766462.00 0.00045c (81011924)
365373.66 3766462.00 0.00054c (81111024) 365393.66 3766462.00 0.00068c (81111024)
365413.66 3766462.00 0.00092c (81042824) 365433.66 3766462.00 0.00150c (81012924)
365453.66 3766462.00 0.00164c (81022824) 365473.66 3766462.00 0.00137c (81112824)
365493.66 3766462.00 0.00209c (81110124) 365513.66 3766462.00 0.00226c (81122224)

365533.66 3766462.00 0.00193c (81013124) PM10op.POU.txt 365533.66 3766462.00 0.00167c (81122324)
365573.66 3766462.00 0.00148c (81122724) 365593.66 3766462.00 0.00137c (81122224)
365613.66 3766462.00 0.00142c (81122324) 365633.66 3766462.00 0.00150c (81102924)
365653.66 3766462.00 0.00150c (81102924) 365673.66 3766462.00 0.00142c (81102924)
365693.66 3766462.00 0.00134c (81102924) 365713.66 3766462.00 0.00126c (81121124)
365733.66 3766462.00 0.00118c (81102924) 365753.66 3766462.00 0.00108c (81013124)
365773.66 3766462.00 0.00099c (81122224) 365793.66 3766462.00 0.00089c (81110224)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365813.66	3766462.00	0.00081c	(81013124)	365833.66	3766462.00	0.00072c	(81013124)
365853.66	3766462.00	0.00065c	(81013124)	365873.66	3766462.00	0.00060c	(81013124)
365893.66	3766462.00	0.00056c	(81013124)	365913.66	3766462.00	0.00054c	(81122224)
365933.66	3766462.00	0.00051c	(81013124)	365953.66	3766462.00	0.00048c	(81013124)
365973.66	3766462.00	0.00045c	(81013124)	365993.66	3766462.00	0.00042c	(81120124)
366013.66	3766462.00	0.00039c	(81011124)	366033.66	3766462.00	0.00038c	(81120124)
366053.66	3766462.00	0.00036c	(81110724)	366073.66	3766462.00	0.00037c	(81121124)
366093.66	3766462.00	0.00036c	(81121124)	366113.66	3766462.00	0.00035c	(81121124)
366133.66	3766462.00	0.00035c	(81121124)	366153.66	3766462.00	0.00035c	(81121124)
366173.66	3766462.00	0.00034c	(81011124)	366193.66	3766462.00	0.00033c	(81011124)
366213.66	3766462.00	0.00033c	(81011124)	366233.66	3766462.00	0.00032c	(81101524)
366253.66	3766462.00	0.00031c	(81101524)	366273.66	3766462.00	0.00030c	(81101524)
366293.66	3766462.00	0.00030c	(81110224)	366313.66	3766462.00	0.00030c	(81110224)
366333.66	3766462.00	0.00029c	(81121124)	366353.66	3766462.00	0.00028c	(81011124)
366373.66	3766462.00	0.00027c	(81013124)	366393.66	3766462.00	0.00026c	(81011124)
366413.66	3766462.00	0.00025c	(81011124)	366433.66	3766462.00	0.00024c	(81101824)
366453.66	3766462.00	0.00023c	(81101824)	366473.66	3766462.00	0.00022c	(81011124)
366493.66	3766462.00	0.00021c	(81101824)	364713.66	3766482.00	0.00010c	(81061224)
364733.66	3766482.00	0.00011c	(81011724)	364753.66	3766482.00	0.00012c	(81070424)
364773.66	3766482.00	0.00013c	(81121724)	364793.66	3766482.00	0.00016c	(81041924)
364813.66	3766482.00	0.00016c	(81041924)	364833.66	3766482.00	0.00017c	(81041924)
364853.66	3766482.00	0.00016c	(81061224)	364873.66	3766482.00	0.00016c	(81091824)
364893.66	3766482.00	0.00015c	(81081524)	364913.66	3766482.00	0.00016c	(81041924)
364933.66	3766482.00	0.00016c	(81010324)	364953.66	3766482.00	0.00015c	(81042924)
364973.66	3766482.00	0.00016c	(81041124)	364993.66	3766482.00	0.00016c	(81042224)
365013.66	3766482.00	0.00017c	(81042224)	365033.66	3766482.00	0.00018c	(81042924)
365053.66	3766482.00	0.00019c	(81042924)	365073.66	3766482.00	0.00020c	(81042924)
365093.66	3766482.00	0.00020c	(81102024)	365113.66	3766482.00	0.00021c	(81102024)
365133.66	3766482.00	0.00022c	(81102024)	365153.66	3766482.00	0.00023c	(81112724)
365173.66	3766482.00	0.00024c	(81042924)	365193.66	3766482.00	0.00025c	(81042924)
365213.66	3766482.00	0.00027c	(81010324)	365233.66	3766482.00	0.00028c	(81042924)
365253.66	3766482.00	0.00030c	(81042924)	365273.66	3766482.00	0.00032c	(81031424)
365293.66	3766482.00	0.00036c	(81022824)	365313.66	3766482.00	0.00039c	(81012924)
365333.66	3766482.00	0.00044c	(81041924)	365353.66	3766482.00	0.00052c	(81041924)
365373.66	3766482.00	0.00063c	(81030224)	365393.66	3766482.00	0.00076c	(81030224)
365413.66	3766482.00	0.00097c	(81030224)	365433.66	3766482.00	0.00149c	(81123124)
365453.66	3766482.00	0.00298c	(81030424)	365473.66	3766482.00	0.00202c	(81021124)
365493.66	3766482.00	0.00259c	(81051424)	365513.66	3766482.00	0.00231c	(81011924)
365533.66	3766482.00	0.00221c	(81030624)	365553.66	3766482.00	0.00202c	(81122724)
365573.66	3766482.00	0.00247c	(81113024)	365593.66	3766482.00	0.00246c	(81103024)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365613.66	3766482.00	0.00261c	(81122324)	365633.66	3766482.00	0.00256c	(81102924)
365653.66	3766482.00	0.00233c	(81102924)	365673.66	3766482.00	0.00210c	(81102924)
365693.66	3766482.00	0.00190c	(81102924)	365713.66	3766482.00	0.00175c	(81102924)
365733.66	3766482.00	0.00160c	(81102924)	365753.66	3766482.00	0.00144c	(81013124)
365773.66	3766482.00	0.00128c	(81110224)	365793.66	3766482.00	0.00112c	(81013124)
365813.66	3766482.00	0.00096c	(81013124)	365833.66	3766482.00	0.00083c	(81013124)
365853.66	3766482.00	0.00074c	(81013124)	365873.66	3766482.00	0.00069c	(81120124)
365893.66	3766482.00	0.00067c	(81122224)	365913.66	3766482.00	0.00064c	(81122224)
365933.66	3766482.00	0.00060c	(81013124)	365953.66	3766482.00	0.00056c	(81013124)
365973.66	3766482.00	0.00051c	(81013124)	365993.66	3766482.00	0.00047c	(81013124)
366013.66	3766482.00	0.00044c	(81120124)	366033.66	3766482.00	0.00042c	(81103024)
366053.66	3766482.00	0.00041c	(81121124)	366073.66	3766482.00	0.00041c	(81113024)
366093.66	3766482.00	0.00040c	(81121124)	366113.66	3766482.00	0.00039c	(81121124)
366133.66	3766482.00	0.00039c	(81121124)	366153.66	3766482.00	0.00039c	(81121124)
366173.66	3766482.00	0.00039c	(81121124)	366193.66	3766482.00	0.00039c	(81011224)
366213.66	3766482.00	0.00038c	(81011224)	366233.66	3766482.00	0.00036c	(81011224)
366253.66	3766482.00	0.00035c	(81011224)	366273.66	3766482.00	0.00034c	(81110224)
366293.66	3766482.00	0.00033c	(81110224)	366313.66	3766482.00	0.00033c	(81121124)
366333.66	3766482.00	0.00031c	(81011124)	366353.66	3766482.00	0.00030c	(81011124)
366373.66	3766482.00	0.00029c	(81102924)	366393.66	3766482.00	0.00027c	(81011124)
366413.66	3766482.00	0.00026c	(81101824)	366433.66	3766482.00	0.00025c	(81013124)
366453.66	3766482.00	0.00024c	(81101824)	366473.66	3766482.00	0.00023c	(81101324)
366493.66	3766482.00	0.00022c	(81013124)	364713.66	3766502.00	0.00010c	(81061224)
364733.66	3766502.00	0.00011c	(81030124)	364753.66	3766502.00	0.00012c	(81092924)
364773.66	3766502.00	0.00013c	(81061224)	364793.66	3766502.00	0.00015c	(81041924)
364813.66	3766502.00	0.00015c	(81041924)	364833.66	3766502.00	0.00016c	(81041924)
364853.66	3766502.00	0.00015c	(81061224)	364873.66	3766502.00	0.00014c	(81112424)
364893.66	3766502.00	0.00014c	(81030324)	364913.66	3766502.00	0.00015c	(81030124)
364933.66	3766502.00	0.00014c	(81101924)	364953.66	3766502.00	0.00015c	(81041924)
364973.66	3766502.00	0.00016c	(81101924)	364993.66	3766502.00	0.00016c	(81021424)
365013.66	3766502.00	0.00015c	(81042224)	365033.66	3766502.00	0.00016c	(81042924)
365053.66	3766502.00	0.00017c	(81050224)	365073.66	3766502.00	0.00018c	(81050224)
365093.66	3766502.00	0.00019c	(81112724)	365113.66	3766502.00	0.00020c	(81112724)
365133.66	3766502.00	0.00021c	(81042924)	365153.66	3766502.00	0.00022c	(81042924)
365173.66	3766502.00	0.00022c	(81121024)	365193.66	3766502.00	0.00023c	(81022824)
365213.66	3766502.00	0.00025c	(81042924)	365233.66	3766502.00	0.00027c	(81042924)
365253.66	3766502.00	0.00029c	(81010324)	365273.66	3766502.00	0.00031c	(81010324)
365293.66	3766502.00	0.00033c	(81010324)	365313.66	3766502.00	0.00036c	(81010324)
365333.66	3766502.00	0.00040c	(81010324)	365353.66	3766502.00	0.00045c	(81010324)

365373.66 3766502.00 0.00050c (81010324) PM10op.POU.txt 365393.66 3766502.00 0.00068c (81012724)
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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 164

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365413.66	3766502.00	0.00084c	(81123124)	365433.66	3766502.00	0.00110c	(81030424)
365453.66	3766502.00	0.00147c	(81030424)	365473.66	3766502.00	0.00193c	(81030324)
365493.66	3766502.00	0.00239c	(81030324)	365513.66	3766502.00	0.00272c	(81010324)
365533.66	3766502.00	0.00248c	(81031424)	365553.66	3766502.00	0.00284c	(81031424)
365573.66	3766502.00	0.00241c	(81011924)	365593.66	3766502.00	0.00284c	(81030624)
365613.66	3766502.00	0.00261c	(81122724)	365633.66	3766502.00	0.00282c	(81110224)
365653.66	3766502.00	0.00414c	(81102924)	365673.66	3766502.00	0.00378c	(81102924)
365693.66	3766502.00	0.00321c	(81102924)	365713.66	3766502.00	0.00277c	(81102924)
365733.66	3766502.00	0.00242c	(81102924)	365753.66	3766502.00	0.00205c	(81013124)
365773.66	3766502.00	0.00171c	(81013124)	365793.66	3766502.00	0.00139c	(81013124)
365813.66	3766502.00	0.00116c	(81013124)	365833.66	3766502.00	0.00101c	(81110724)
365853.66	3766502.00	0.00091c	(81110724)	365873.66	3766502.00	0.00085c	(81011124)
365893.66	3766502.00	0.00084c	(81113024)	365913.66	3766502.00	0.00079c	(81110224)
365933.66	3766502.00	0.00072c	(81013124)	365953.66	3766502.00	0.00066c	(81110124)
365973.66	3766502.00	0.00061c	(81011124)	365993.66	3766502.00	0.00053c	(81110124)
366013.66	3766502.00	0.00050c	(81103024)	366033.66	3766502.00	0.00048c	(81110724)
366053.66	3766502.00	0.00048c	(81122224)	366073.66	3766502.00	0.00048c	(81113024)
366093.66	3766502.00	0.00046c	(81113024)	366113.66	3766502.00	0.00045c	(81101524)
366133.66	3766502.00	0.00045c	(81121124)	366153.66	3766502.00	0.00045c	(81121124)
366173.66	3766502.00	0.00045c	(81121124)	366193.66	3766502.00	0.00044c	(81121124)
366213.66	3766502.00	0.00043c	(81121124)	366233.66	3766502.00	0.00042c	(81011224)
366253.66	3766502.00	0.00040c	(81011224)	366273.66	3766502.00	0.00038c	(81110224)
366293.66	3766502.00	0.00037c	(81110224)	366313.66	3766502.00	0.00035c	(81121124)
366333.66	3766502.00	0.00034c	(81011124)	366353.66	3766502.00	0.00033c	(81011124)
366373.66	3766502.00	0.00031c	(81011224)	366393.66	3766502.00	0.00030c	(81101324)
366413.66	3766502.00	0.00028c	(81101824)	366433.66	3766502.00	0.00027c	(81011224)
366453.66	3766502.00	0.00026c	(81101824)	366473.66	3766502.00	0.00024c	(81101324)
366493.66	3766502.00	0.00023c	(81022224)	364713.66	3766522.00	0.00010c	(81021724)
364733.66	3766522.00	0.00010	(81031524)	364753.66	3766522.00	0.00012c	(81061224)
364773.66	3766522.00	0.00013	(81042924)	364793.66	3766522.00	0.00014c	(81021424)
364813.66	3766522.00	0.00014c	(81021424)	364833.66	3766522.00	0.00015c	(81041924)
364853.66	3766522.00	0.00015c	(81112424)	364873.66	3766522.00	0.00013c	(81112424)
364893.66	3766522.00	0.00014c	(81091824)	364913.66	3766522.00	0.00014c	(81081524)
364933.66	3766522.00	0.00014c	(81112624)	364953.66	3766522.00	0.00014c	(81011924)
364973.66	3766522.00	0.00015c	(81041924)	364993.66	3766522.00	0.00015c	(81021424)
365013.66	3766522.00	0.00015c	(81112724)	365033.66	3766522.00	0.00015c	(81011924)
365053.66	3766522.00	0.00016	(81042924)	365073.66	3766522.00	0.00017	(81042924)
365093.66	3766522.00	0.00018	(81042924)	365113.66	3766522.00	0.00019	(81042924)
365133.66	3766522.00	0.00019	(81042924)	365153.66	3766522.00	0.00020	(81042924)
365173.66	3766522.00	0.00021	(81042924)	365193.66	3766522.00	0.00023c	(81041924)

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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 165

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365213.66	3766522.00	0.00025c	(81010324)	365233.66	3766522.00	0.00026c	(81010324)
365253.66	3766522.00	0.00027c	(81010324)	365273.66	3766522.00	0.00029c	(81100124)
365293.66	3766522.00	0.00031c	(81100124)	365313.66	3766522.00	0.00034c	(81100124)
365333.66	3766522.00	0.00037c	(81123124)	365353.66	3766522.00	0.00043c	(81123124)
365373.66	3766522.00	0.00051c	(81123124)	365393.66	3766522.00	0.00062c	(81123124)
365413.66	3766522.00	0.00070c	(81061224)	365433.66	3766522.00	0.00082c	(81030424)
365453.66	3766522.00	0.00103c	(81030424)	365473.66	3766522.00	0.00123c	(81030424)
365493.66	3766522.00	0.00150c	(81021424)	365513.66	3766522.00	0.00177c	(81112724)
365533.66	3766522.00	0.00216c	(81092924)	365553.66	3766522.00	0.00268c	(81092924)
365573.66	3766522.00	0.00343c	(81092924)	365593.66	3766522.00	0.00331c	(81123024)
365613.66	3766522.00	0.00329c	(81031424)	365633.66	3766522.00	0.00390c	(81121024)
365653.66	3766522.00	0.00392c	(81030624)	365673.66	3766522.00	0.00366c	(81122524)
365693.66	3766522.00	0.00374c	(81110124)	365713.66	3766522.00	0.00380c	(81103124)
365733.66	3766522.00	0.00425c	(81011124)	365753.66	3766522.00	0.00338c	(81110124)
365773.66	3766522.00	0.00245c	(81011124)	365793.66	3766522.00	0.00188c	(81110724)
365813.66	3766522.00	0.00159c	(81110124)	365833.66	3766522.00	0.00137c	(81110124)
365853.66	3766522.00	0.00118c	(81101524)	365873.66	3766522.00	0.00116	(81122224)
365893.66	3766522.00	0.00109c	(81113024)	365913.66	3766522.00	0.00103	(81122224)
365933.66	3766522.00	0.00091c	(81110124)	365953.66	3766522.00	0.00083c	(81011124)
365973.66	3766522.00	0.00069c	(81022224)	365993.66	3766522.00	0.00062c	(81110724)
366013.66	3766522.00	0.00057c	(81110124)	366033.66	3766522.00	0.00056c	(81122724)
366053.66	3766522.00	0.00056c	(81102924)	366073.66	3766522.00	0.00056c	(81113024)
366093.66	3766522.00	0.00054c	(81101524)	366113.66	3766522.00	0.00053c	(81101524)
366133.66	3766522.00	0.00053c	(81121124)	366153.66	3766522.00	0.00052c	(81121124)
366173.66	3766522.00	0.00051c	(81121124)	366193.66	3766522.00	0.00050c	(81121124)
366213.66	3766522.00	0.00048c	(81121124)	366233.66	3766522.00	0.00047c	(81121124)
366253.66	3766522.00	0.00045c	(81121124)	366273.66	3766522.00	0.00044c	(81121124)
366293.66	3766522.00	0.00042c	(81121124)	366313.66	3766522.00	0.00039c	(81011224)
366333.66	3766522.00	0.00038c	(81011124)	366353.66	3766522.00	0.00036c	(81011224)
366373.66	3766522.00	0.00034c	(81011124)	366393.66	3766522.00	0.00032c	(81011224)
366413.66	3766522.00	0.00030c	(81011224)	366433.66	3766522.00	0.00029c	(81120124)
366453.66	3766522.00	0.00028c	(81101324)	366473.66	3766522.00	0.00026c	(81022224)
366493.66	3766522.00	0.00025c	(81101824)	364713.66	3766542.00	0.00010c	(81112424)
364733.66	3766542.00	0.00010c	(81061224)	364753.66	3766542.00	0.00011c	(81061224)
364773.66	3766542.00	0.00012c	(81121024)	364793.66	3766542.00	0.00013c	(81041924)
364813.66	3766542.00	0.00014c	(81041924)	364833.66	3766542.00	0.00014c	(81041924)
364853.66	3766542.00	0.00014c	(81121724)	364873.66	3766542.00	0.00013c	(81112424)
364893.66	3766542.00	0.00013c	(81031424)	364913.66	3766542.00	0.00013c	(81122424)
364933.66	3766542.00	0.00013c	(81112624)	364953.66	3766542.00	0.00013c	(81101924)
364973.66	3766542.00	0.00013c	(81011924)	364993.66	3766542.00	0.00014c	(81011924)

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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 166

PM10op.POU.txt
 *** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
 L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
 L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365013.66	3766542.00	0.00015c	(81041924)	365033.66	3766542.00	0.00015c	(81032824)
365053.66	3766542.00	0.00015c	(81032824)	365073.66	3766542.00	0.00016	(81022824)
365093.66	3766542.00	0.00017	(81022824)	365113.66	3766542.00	0.00018	(81022824)
365133.66	3766542.00	0.00019c	(81041924)	365153.66	3766542.00	0.00020	(81022824)
365173.66	3766542.00	0.00021	(81022824)	365193.66	3766542.00	0.00022c	(81100124)
365213.66	3766542.00	0.00024c	(81100124)	365233.66	3766542.00	0.00025c	(81100124)
365253.66	3766542.00	0.00027c	(81100124)	365273.66	3766542.00	0.00029c	(81100124)
365293.66	3766542.00	0.00031c	(81123124)	365313.66	3766542.00	0.00034	(81022824)
365333.66	3766542.00	0.00037c	(81012724)	365353.66	3766542.00	0.00044c	(81012724)
365373.66	3766542.00	0.00050c	(81012724)	365393.66	3766542.00	0.00054c	(81061224)
365413.66	3766542.00	0.00058c	(81061224)	365433.66	3766542.00	0.00068c	(81092924)
365453.66	3766542.00	0.00081c	(81030424)	365473.66	3766542.00	0.00094c	(81030424)
365493.66	3766542.00	0.00106c	(81030424)	365513.66	3766542.00	0.00121c	(81030424)
365533.66	3766542.00	0.00147c	(81061224)	365553.66	3766542.00	0.00174c	(81061224)
365573.66	3766542.00	0.00212c	(81112724)	365593.66	3766542.00	0.00267c	(81021424)
365613.66	3766542.00	0.00341c	(81030424)	365633.66	3766542.00	0.00438c	(81082524)
365653.66	3766542.00	0.00470c	(81092324)	365673.66	3766542.00	0.00516c	(81030124)
365693.66	3766542.00	0.00485c	(81052624)	365713.66	3766542.00	0.00478c	(81121924)
365733.66	3766542.00	0.00422c	(81030724)	365753.66	3766542.00	0.00373c	(81030724)
365773.66	3766542.00	0.00326c	(81121424)	365793.66	3766542.00	0.00298c	(81011224)
365813.66	3766542.00	0.00257c	(81121924)	365833.66	3766542.00	0.00215c	(81110224)
365853.66	3766542.00	0.00185c	(81113024)	365873.66	3766542.00	0.00175c	(81011124)
365893.66	3766542.00	0.00159c	(81101524)	365913.66	3766542.00	0.00153c	(81102924)
365933.66	3766542.00	0.00126c	(81110224)	365953.66	3766542.00	0.00098c	(81011124)
365973.66	3766542.00	0.00085c	(81022224)	365993.66	3766542.00	0.00077c	(81113024)
366013.66	3766542.00	0.00071c	(81122724)	366033.66	3766542.00	0.00069c	(81020624)
366053.66	3766542.00	0.00072c	(81102924)	366073.66	3766542.00	0.00069c	(81101524)
366093.66	3766542.00	0.00067c	(81101524)	366113.66	3766542.00	0.00065c	(81101524)
366133.66	3766542.00	0.00063c	(81011124)	366153.66	3766542.00	0.00061c	(81121124)
366173.66	3766542.00	0.00059c	(81121124)	366193.66	3766542.00	0.00057c	(81121124)
366213.66	3766542.00	0.00055c	(81121124)	366233.66	3766542.00	0.00053c	(81121124)
366253.66	3766542.00	0.00051c	(81121124)	366273.66	3766542.00	0.00049c	(81121124)
366293.66	3766542.00	0.00046c	(81121124)	366313.66	3766542.00	0.00045c	(81110224)
366333.66	3766542.00	0.00043c	(81011224)	366353.66	3766542.00	0.00040c	(81011124)
366373.66	3766542.00	0.00038c	(81011224)	366393.66	3766542.00	0.00035c	(81011224)
366413.66	3766542.00	0.00033c	(81120124)	366433.66	3766542.00	0.00031c	(81110724)
366453.66	3766542.00	0.00030c	(81022224)	366473.66	3766542.00	0.00028c	(81022224)
366493.66	3766542.00	0.00027c	(81101824)	364713.66	3766562.00	0.00009c	(81112424)
364733.66	3766562.00	0.00010c	(81061224)	364753.66	3766562.00	0.00011	(81042924)
364773.66	3766562.00	0.00012c	(81121024)	364793.66	3766562.00	0.00013c	(81041924)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
 L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
 L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
364813.66	3766562.00	0.00013c	(81041924)	364833.66	3766562.00	0.00013c	(81112424)
364853.66	3766562.00	0.00013c	(81112424)	364873.66	3766562.00	0.00012c	(81112424)
364893.66	3766562.00	0.00012c	(81030324)	364913.66	3766562.00	0.00012c	(81031424)
364933.66	3766562.00	0.00012c	(81112724)	364953.66	3766562.00	0.00012c	(81112624)
364973.66	3766562.00	0.00013c	(81021424)	364993.66	3766562.00	0.00013c	(81021424)
365013.66	3766562.00	0.00013c	(81032824)	365033.66	3766562.00	0.00014c	(81032824)
365053.66	3766562.00	0.00015c	(81100124)	365073.66	3766562.00	0.00016c	(81100124)
365093.66	3766562.00	0.00017c	(81100124)	365113.66	3766562.00	0.00018c	(81100124)
365133.66	3766562.00	0.00019c	(81100124)	365153.66	3766562.00	0.00019c	(81010324)
365173.66	3766562.00	0.00020	(81022824)	365193.66	3766562.00	0.00021	(81022824)
365213.66	3766562.00	0.00022	(81022824)	365233.66	3766562.00	0.00024c	(81123124)
365253.66	3766562.00	0.00026c	(81100124)	365273.66	3766562.00	0.00027c	(81100124)
365293.66	3766562.00	0.00029c	(81012724)	365313.66	3766562.00	0.00033c	(81012724)
365333.66	3766562.00	0.00037c	(81012724)	365353.66	3766562.00	0.00041c	(81012724)
365373.66	3766562.00	0.00044c	(81061224)	365393.66	3766562.00	0.00046c	(81061224)
365413.66	3766562.00	0.00051c	(81030424)	365433.66	3766562.00	0.00059c	(81092924)
365453.66	3766562.00	0.00068c	(81092924)	365473.66	3766562.00	0.00078c	(81092924)
365493.66	3766562.00	0.00088c	(81030424)	365513.66	3766562.00	0.00098c	(81112724)
365533.66	3766562.00	0.00108c	(81112724)	365553.66	3766562.00	0.00122c	(81012724)
365573.66	3766562.00	0.00144c	(81102124)	365593.66	3766562.00	0.00172c	(81030324)
365613.66	3766562.00	0.00206c	(81030424)	365633.66	3766562.00	0.00244	(81041524)
365653.66	3766562.00	0.00291c	(81092924)	365673.66	3766562.00	0.00336	(81041524)
365693.66	3766562.00	0.00410c	(81081024)	365713.66	3766562.00	0.00485c	(81081024)
365733.66	3766562.00	0.00470c	(81051924)	365753.66	3766562.00	0.00456c	(81081424)
365773.66	3766562.00	0.00354c	(81052624)	365793.66	3766562.00	0.00301c	(81092824)
365813.66	3766562.00	0.00281c	(81030224)	365833.66	3766562.00	0.00254c	(81030624)
365853.66	3766562.00	0.00269c	(81122524)	365873.66	3766562.00	0.00216c	(81110924)
365893.66	3766562.00	0.00291c	(81110124)	365913.66	3766562.00	0.00269c	(81102924)
365933.66	3766562.00	0.00176c	(81022224)	365953.66	3766562.00	0.00136c	(81122724)
365973.66	3766562.00	0.00117c	(81110224)	365993.66	3766562.00	0.00103c	(81020624)
366013.66	3766562.00	0.00093c	(81122724)	366033.66	3766562.00	0.00092c	(81101524)
366053.66	3766562.00	0.00092c	(81101524)	366073.66	3766562.00	0.00089c	(81101524)
366093.66	3766562.00	0.00088c	(81011124)	366113.66	3766562.00	0.00084c	(81011124)
366133.66	3766562.00	0.00080c	(81011124)	366153.66	3766562.00	0.00076c	(81011124)
366173.66	3766562.00	0.00072c	(81011124)	366193.66	3766562.00	0.00068c	(81011124)
366213.66	3766562.00	0.00064c	(81011124)	366233.66	3766562.00	0.00061c	(81121124)
366253.66	3766562.00	0.00059c	(81121124)	366273.66	3766562.00	0.00056c	(81121124)
366293.66	3766562.00	0.00053c	(81121124)	366313.66	3766562.00	0.00052c	(81110224)
366333.66	3766562.00	0.00048	(81122224)	366353.66	3766562.00	0.00045c	(81102924)
366373.66	3766562.00	0.00042c	(81011224)	366393.66	3766562.00	0.00039c	(81110124)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
 L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
 L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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** CONC OF PM-10

IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366413.66	3766562.00	0.00036c	(811110124)	366433.66	3766562.00	0.00034c	(81120124)
366453.66	3766562.00	0.00032c	(81022224)	366473.66	3766562.00	0.00030c	(81022224)
366493.66	3766562.00	0.00028c	(81101824)	364713.66	3766582.00	0.00009c	(81112424)
364733.66	3766582.00	0.00010c	(81061224)	364753.66	3766582.00	0.00011c	(81100124)
364773.66	3766582.00	0.00011c	(81031524)	364793.66	3766582.00	0.00012c	(81121724)
364813.66	3766582.00	0.00012c	(81112424)	364833.66	3766582.00	0.00012c	(81112424)
364853.66	3766582.00	0.00012c	(81112424)	364873.66	3766582.00	0.00011c	(81112924)
364893.66	3766582.00	0.00011c	(81030324)	364913.66	3766582.00	0.00012c	(81112724)
364933.66	3766582.00	0.00012c	(81100124)	364953.66	3766582.00	0.00012c	(81010324)
364973.66	3766582.00	0.00012c	(81010324)	364993.66	3766582.00	0.00013c	(81010324)
365013.66	3766582.00	0.00013c	(81010324)	365033.66	3766582.00	0.00014c	(81010324)
365053.66	3766582.00	0.00014c	(81010324)	365073.66	3766582.00	0.00015c	(81010324)
365093.66	3766582.00	0.00016c	(81010324)	365113.66	3766582.00	0.00016c	(81010324)
365133.66	3766582.00	0.00017c	(81010324)	365153.66	3766582.00	0.00018c	(81123124)
365173.66	3766582.00	0.00020c	(81123124)	365193.66	3766582.00	0.00021c	(81100124)
365213.66	3766582.00	0.00022c	(81100124)	365233.66	3766582.00	0.00023c	(81100124)
365253.66	3766582.00	0.00024c	(81100124)	365273.66	3766582.00	0.00026c	(81012724)
365293.66	3766582.00	0.00029c	(81012724)	365313.66	3766582.00	0.00032c	(81012724)
365333.66	3766582.00	0.00035c	(81012724)	365353.66	3766582.00	0.00037c	(81061224)
365373.66	3766582.00	0.00039c	(81030424)	365393.66	3766582.00	0.00042c	(81030424)
365413.66	3766582.00	0.00047c	(81030424)	365433.66	3766582.00	0.00053c	(81012724)
365453.66	3766582.00	0.00059c	(81092924)	365473.66	3766582.00	0.00065c	(81112724)
365493.66	3766582.00	0.00070c	(81112724)	365513.66	3766582.00	0.00076c	(81021424)
365533.66	3766582.00	0.00085c	(81012724)	365553.66	3766582.00	0.00096c	(81021224)
365573.66	3766582.00	0.00111c	(81102124)	365593.66	3766582.00	0.00125c	(81102124)
365613.66	3766582.00	0.00142c	(81030424)	365633.66	3766582.00	0.00163c	(81041524)
365653.66	3766582.00	0.00183c	(81082524)	365673.66	3766582.00	0.00207c	(81041524)
365693.66	3766582.00	0.00227c	(81041924)	365713.66	3766582.00	0.00257c	(81081024)
365733.66	3766582.00	0.00287c	(81121024)	365753.66	3766582.00	0.00315c	(81101124)
365773.66	3766582.00	0.00330c	(81051424)	365793.66	3766582.00	0.00338c	(81022424)
365813.66	3766582.00	0.00329c	(81121024)	365833.66	3766582.00	0.00367c	(81101124)
365853.66	3766582.00	0.00306c	(81032124)	365873.66	3766582.00	0.00312c	(81122524)
365893.66	3766582.00	0.00481c	(81101224)	365913.66	3766582.00	0.00569c	(81121924)
365933.66	3766582.00	0.00257c	(81031324)	365953.66	3766582.00	0.00209c	(81121424)
365973.66	3766582.00	0.00178c	(81113024)	365993.66	3766582.00	0.00152c	(81122724)
366013.66	3766582.00	0.00138c	(81121924)	366033.66	3766582.00	0.00138c	(81101524)
366053.66	3766582.00	0.00138c	(81011124)	366073.66	3766582.00	0.00132c	(81102924)
366093.66	3766582.00	0.00122c	(81102924)	366113.66	3766582.00	0.00113c	(81102924)
366133.66	3766582.00	0.00105c	(81102924)	366153.66	3766582.00	0.00098c	(81102924)
366173.66	3766582.00	0.00092c	(81011124)	366193.66	3766582.00	0.00086c	(81011124)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
 L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
 L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
366213.66	3766582.00	0.00080c	(810111124)	366233.66	3766582.00	0.00075c	(810111124)
366253.66	3766582.00	0.00070c	(810111124)	366273.66	3766582.00	0.00067c	(81121124)
366293.66	3766582.00	0.00063c	(81110224)	366313.66	3766582.00	0.00061c	(81110224)
366333.66	3766582.00	0.00055c	(81101824)	366353.66	3766582.00	0.00051c	(81101324)
366373.66	3766582.00	0.00048c	(81101324)	366393.66	3766582.00	0.00044c	(81101324)
366413.66	3766582.00	0.00040c	(81110124)	366433.66	3766582.00	0.00037c	(81022224)
366453.66	3766582.00	0.00035c	(81022224)	366473.66	3766582.00	0.00033c	(81101824)
366493.66	3766582.00	0.00031c	(81110924)	364713.66	3766602.00	0.00009c	(81112424)
364733.66	3766602.00	0.00009c	(81031524)	364753.66	3766602.00	0.00010c	(81031524)
364773.66	3766602.00	0.00010c	(81121024)	364793.66	3766602.00	0.00011c	(81121724)
364813.66	3766602.00	0.00011c	(81112424)	364833.66	3766602.00	0.00011c	(81112424)
364853.66	3766602.00	0.00011c	(81010324)	364873.66	3766602.00	0.00011c	(81123124)
364893.66	3766602.00	0.00011c	(81112924)	364913.66	3766602.00	0.00012c	(81030324)
364933.66	3766602.00	0.00012c	(81030324)	364953.66	3766602.00	0.00011c	(81030324)
364973.66	3766602.00	0.00011c	(81111024)	364993.66	3766602.00	0.00012c	(81111024)
365013.66	3766602.00	0.00012c	(81123124)	365033.66	3766602.00	0.00013c	(81123124)
365053.66	3766602.00	0.00014c	(81123124)	365073.66	3766602.00	0.00015c	(81123124)
365093.66	3766602.00	0.00016c	(81123124)	365113.66	3766602.00	0.00017c	(81100124)
365133.66	3766602.00	0.00017c	(81100124)	365153.66	3766602.00	0.00018c	(81100124)
365173.66	3766602.00	0.00019c	(81100124)	365193.66	3766602.00	0.00019c	(81100124)
365213.66	3766602.00	0.00020c	(81100124)	365233.66	3766602.00	0.00022c	(81012724)
365253.66	3766602.00	0.00024c	(81012724)	365273.66	3766602.00	0.00026c	(81012724)
365293.66	3766602.00	0.00028c	(81012724)	365313.66	3766602.00	0.00030c	(81012724)
365333.66	3766602.00	0.00032c	(81061224)	365353.66	3766602.00	0.00034c	(81030424)
365373.66	3766602.00	0.00036c	(81030424)	365393.66	3766602.00	0.00039c	(81030424)
365413.66	3766602.00	0.00043c	(81030424)	365433.66	3766602.00	0.00048c	(81112724)
365453.66	3766602.00	0.00051c	(81030124)	365473.66	3766602.00	0.00052c	(81112724)
365493.66	3766602.00	0.00056c	(81030324)	365513.66	3766602.00	0.00064c	(81021424)
365533.66	3766602.00	0.00070c	(81102124)	365553.66	3766602.00	0.00080c	(81102124)
365573.66	3766602.00	0.00089c	(81102124)	365593.66	3766602.00	0.00097c	(81102124)
365613.66	3766602.00	0.00107c	(81041524)	365633.66	3766602.00	0.00117c	(81092924)
365653.66	3766602.00	0.00127c	(81082524)	365673.66	3766602.00	0.00142c	(81041924)
365693.66	3766602.00	0.00150c	(81041924)	365713.66	3766602.00	0.00160c	(81030324)
365733.66	3766602.00	0.00179c	(81082724)	365753.66	3766602.00	0.00186c	(81051924)
365773.66	3766602.00	0.00202c	(81101124)	365793.66	3766602.00	0.00217c	(81102724)
365813.66	3766602.00	0.00218c	(81082724)	365833.66	3766602.00	0.00237c	(81041924)
365853.66	3766602.00	0.00261c	(81082724)	365873.66	3766602.00	0.00285c	(81051924)
365893.66	3766602.00	0.00301c	(81081024)	365913.66	3766602.00	0.00339c	(81090924)
365933.66	3766602.00	0.00291c	(81070124)	365953.66	3766602.00	0.00249c	(81052624)
365973.66	3766602.00	0.00231c	(81032224)	365993.66	3766602.00	0.00201c	(81030224)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
 L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
 L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
366013.66	3766602.00	0.00200c	(81121924)	366033.66	3766602.00	0.00250c	(81102924)

```

366053.66 3766602.00 0.00242c (81102924) PM10op.POU.txt 366073.66 3766602.00 0.00210c (81102924)
366093.66 3766602.00 0.00184c (81102924) 366113.66 3766602.00 0.00164c (81102924)
366133.66 3766602.00 0.00148c (81102924) 366153.66 3766602.00 0.00135c (81102924)
366173.66 3766602.00 0.00124c (81102924) 366193.66 3766602.00 0.00115c (81102924)
366213.66 3766602.00 0.00105c (81011124) 366233.66 3766602.00 0.00096c (81011124)
366253.66 3766602.00 0.00089c (81011124) 366273.66 3766602.00 0.00082c (81011124)
366293.66 3766602.00 0.00078c (81110224) 366313.66 3766602.00 0.00074c (81110224)
366333.66 3766602.00 0.00066c (81101824) 366353.66 3766602.00 0.00061c (81110124)
366373.66 3766602.00 0.00055c (81011224) 366393.66 3766602.00 0.00049c (81110724)
366413.66 3766602.00 0.00045c (81121424) 366433.66 3766602.00 0.00042c (81121424)
366453.66 3766602.00 0.00039c (81110924) 366473.66 3766602.00 0.00036c (81110924)
366493.66 3766602.00 0.00035c (81110924) 364713.66 3766622.00 0.00008c (81092924)
364733.66 3766622.00 0.00009 (81031524) 364753.66 3766622.00 0.00009 (81031524)
364773.66 3766622.00 0.00009c (81121024) 364793.66 3766622.00 0.00010c (81123124)
364813.66 3766622.00 0.00010c (81112424) 364833.66 3766622.00 0.00011c (81100124)
364853.66 3766622.00 0.00011c (81100124) 364873.66 3766622.00 0.00011c (81112724)
364893.66 3766622.00 0.00011c (81123124) 364913.66 3766622.00 0.00011c (81030324)
364933.66 3766622.00 0.00011c (81030324) 364953.66 3766622.00 0.00011c (81123124)
364973.66 3766622.00 0.00012c (81123124) 364993.66 3766622.00 0.00013c (81100124)
365013.66 3766622.00 0.00013c (81100124) 365033.66 3766622.00 0.00014c (81100124)
365053.66 3766622.00 0.00014c (81100124) 365073.66 3766622.00 0.00015c (81100124)
365093.66 3766622.00 0.00015c (81100124) 365113.66 3766622.00 0.00016c (81100124)
365133.66 3766622.00 0.00016c (81100124) 365153.66 3766622.00 0.00017c (81100124)
365173.66 3766622.00 0.00017c (81100124) 365193.66 3766622.00 0.00018c (81012724)
365213.66 3766622.00 0.00020c (81012724) 365233.66 3766622.00 0.00022c (81012724)
365253.66 3766622.00 0.00023c (81012724) 365273.66 3766622.00 0.00025c (81012724)
365293.66 3766622.00 0.00027c (81012724) 365313.66 3766622.00 0.00028c (81061224)
365333.66 3766622.00 0.00030c (81030424) 365353.66 3766622.00 0.00032c (81030424)
365373.66 3766622.00 0.00034c (81030424) 365393.66 3766622.00 0.00037c (81030424)
365413.66 3766622.00 0.00039c (81092924) 365433.66 3766622.00 0.00041c (81030124)
365453.66 3766622.00 0.00041c (81030124) 365473.66 3766622.00 0.00044c (81022324)
365493.66 3766622.00 0.00050c (81030324) 365513.66 3766622.00 0.00055c (81102124)
365533.66 3766622.00 0.00061c (81102124) 365553.66 3766622.00 0.00067c (81102124)
365573.66 3766622.00 0.00072c (81102124) 365593.66 3766622.00 0.00077 (81041524)
365613.66 3766622.00 0.00084c (81030324) 365633.66 3766622.00 0.00090c (81112424)
365653.66 3766622.00 0.00095c (81040624) 365673.66 3766622.00 0.00104c (81030324)
365693.66 3766622.00 0.00109c (81030324) 365713.66 3766622.00 0.00117 (81041524)
365733.66 3766622.00 0.00123c (81081024) 365753.66 3766622.00 0.00133c (81082724)
365773.66 3766622.00 0.00135c (81123124) 365793.66 3766622.00 0.00146c (81102724)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 171
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
*** 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)
365813.66 3766622.00 0.00152c (81102724) 365833.66 3766622.00 0.00154c (81102724)
365853.66 3766622.00 0.00160c (81051924) 365873.66 3766622.00 0.00168c (81051924)
365893.66 3766622.00 0.00178c (81010324) 365913.66 3766622.00 0.00195c (81050224)
365933.66 3766622.00 0.00228c (81051424) 365953.66 3766622.00 0.00234c (81022424)
365973.66 3766622.00 0.00219c (81011924) 365993.66 3766622.00 0.00247c (81022424)
366013.66 3766622.00 0.00247c (81021124) 366033.66 3766622.00 0.00235c (81101224)
366053.66 3766622.00 0.00238c (81122524) 366073.66 3766622.00 0.00275c (81121924)
366093.66 3766622.00 0.00260c (81121424) 366113.66 3766622.00 0.00289c (81110124)
366133.66 3766622.00 0.00248c (81110124) 366153.66 3766622.00 0.00210c (81110124)
366173.66 3766622.00 0.00185 (81122224) 366193.66 3766622.00 0.00165 (81122224)
366213.66 3766622.00 0.00149 (81122224) 366233.66 3766622.00 0.00133c (81011124)
366253.66 3766622.00 0.00119c (81011124) 366273.66 3766622.00 0.00109c (81110224)
366293.66 3766622.00 0.00101c (81110224) 366313.66 3766622.00 0.00091 (81122224)
366333.66 3766622.00 0.00082c (81110124) 366353.66 3766622.00 0.00073c (81101824)
366373.66 3766622.00 0.00064c (81011224) 366393.66 3766622.00 0.00057c (81121424)
366413.66 3766622.00 0.00052c (81101824) 366433.66 3766622.00 0.00047c (81110924)
366453.66 3766622.00 0.00044c (81110924) 366473.66 3766622.00 0.00042c (81110924)
366493.66 3766622.00 0.00040c (81110924) 364713.66 3766642.00 0.00008c (81092924)
364733.66 3766642.00 0.00008 (81031524) 364753.66 3766642.00 0.00009c (81123124)
364773.66 3766642.00 0.00009c (81112424) 364793.66 3766642.00 0.00010c (81121024)
364813.66 3766642.00 0.00010c (81100124) 364833.66 3766642.00 0.00011c (81121024)
364853.66 3766642.00 0.00011c (81112724) 364873.66 3766642.00 0.00011c (81061224)
364893.66 3766642.00 0.00011c (81061224) 364913.66 3766642.00 0.00011c (81061224)
364933.66 3766642.00 0.00012c (81100124) 364953.66 3766642.00 0.00012c (81100124)
364973.66 3766642.00 0.00012c (81100124) 364993.66 3766642.00 0.00012c (81100124)
365013.66 3766642.00 0.00013c (81100124) 365033.66 3766642.00 0.00013c (81100124)
365053.66 3766642.00 0.00013c (81100124) 365073.66 3766642.00 0.00014c (81100124)
365093.66 3766642.00 0.00014c (81100124) 365113.66 3766642.00 0.00014c (81100124)
365133.66 3766642.00 0.00015c (81122824) 365153.66 3766642.00 0.00016c (81012724)
365173.66 3766642.00 0.00017c (81012724) 365193.66 3766642.00 0.00019c (81012724)
365213.66 3766642.00 0.00020c (81012724) 365233.66 3766642.00 0.00021c (81012724)
365253.66 3766642.00 0.00023c (81012724) 365273.66 3766642.00 0.00024c (81012724)
365293.66 3766642.00 0.00025c (81061224) 365313.66 3766642.00 0.00026c (81030424)
365333.66 3766642.00 0.00028c (81030424) 365353.66 3766642.00 0.00030c (81112724)
365373.66 3766642.00 0.00031c (81112724) 365393.66 3766642.00 0.00033c (81092924)
365413.66 3766642.00 0.00034c (81030124) 365433.66 3766642.00 0.00034c (81030124)
365453.66 3766642.00 0.00036c (81102124) 365473.66 3766642.00 0.00040c (81102124)
365493.66 3766642.00 0.00044c (81102124) 365513.66 3766642.00 0.00048c (81030324)
365533.66 3766642.00 0.00053c (81102124) 365553.66 3766642.00 0.00057c (81102124)
365573.66 3766642.00 0.00060c (81102124) 365593.66 3766642.00 0.00064c (81112424)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 172
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
*** 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)
365613.66 3766642.00 0.00068c (81030324) 365633.66 3766642.00 0.00073c (81112424)
365653.66 3766642.00 0.00075c (81112424) 365673.66 3766642.00 0.00080c (81082524)
365693.66 3766642.00 0.00085c (81082524) 365713.66 3766642.00 0.00089c (81032924)
365733.66 3766642.00 0.00094c (81123124) 365753.66 3766642.00 0.00096c (81082724)
365773.66 3766642.00 0.00104c (81021424) 365793.66 3766642.00 0.00105c (81061124)
365813.66 3766642.00 0.00111c (81102724) 365833.66 3766642.00 0.00117c (81081024)
365853.66 3766642.00 0.00118c (81123124) 365873.66 3766642.00 0.00120c (81050224)
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365893.66	3766642.00	0.00126c	(81082724)	PM10op.POU.txt	365913.66	3766642.00	0.00130c	(81082524)
365933.66	3766642.00	0.00144c	(81050224)		365953.66	3766642.00	0.00157c	(81010324)
365973.66	3766642.00	0.00178c	(81092324)		365993.66	3766642.00	0.00217c	(81092924)
366013.66	3766642.00	0.00275c	(81121024)		366033.66	3766642.00	0.00298c	(81092824)
366053.66	3766642.00	0.00368c	(81011924)		366073.66	3766642.00	0.00339c	(81021124)
366093.66	3766642.00	0.00340c	(81032124)		366113.66	3766642.00	0.00318c	(81112524)
366133.66	3766642.00	0.00275c	(81021124)		366153.66	3766642.00	0.00239c	(81121424)
366173.66	3766642.00	0.00295c	(81011124)		366193.66	3766642.00	0.00284c	(81110224)
366213.66	3766642.00	0.00243c	(81110124)		366233.66	3766642.00	0.00205c	(81110224)
366253.66	3766642.00	0.00181c	(81122224)		366273.66	3766642.00	0.00158c	(81110224)
366293.66	3766642.00	0.00141c	(81110224)		366313.66	3766642.00	0.00123c	(81101824)
366333.66	3766642.00	0.00107c	(81101824)		366353.66	3766642.00	0.00091c	(81101824)
366373.66	3766642.00	0.00078c	(81101824)		366393.66	3766642.00	0.00068c	(81101824)
366413.66	3766642.00	0.00061c	(81110924)		366433.66	3766642.00	0.00056c	(81110924)
366453.66	3766642.00	0.00052c	(81110724)		366473.66	3766642.00	0.00048c	(81110724)
366493.66	3766642.00	0.00045c	(81110724)		364713.66	3766662.00	0.00008c	(81123124)
364733.66	3766662.00	0.00008c	(81112724)		364753.66	3766662.00	0.00009c	(81112724)
364773.66	3766662.00	0.00009c	(81112724)		364793.66	3766662.00	0.00009c	(81112724)
364813.66	3766662.00	0.00010c	(81112724)		364833.66	3766662.00	0.00010c	(81112724)
364853.66	3766662.00	0.00011c	(81112724)		364873.66	3766662.00	0.00010c	(81061224)
364893.66	3766662.00	0.00010c	(81061224)		364913.66	3766662.00	0.00011c	(81061224)
364933.66	3766662.00	0.00011c	(81061224)		364953.66	3766662.00	0.00011c	(81100124)
364973.66	3766662.00	0.00011c	(81100124)		364993.66	3766662.00	0.00012c	(81100124)
365013.66	3766662.00	0.00012c	(81100124)		365033.66	3766662.00	0.00012c	(81101924)
365053.66	3766662.00	0.00012c	(81101924)		365073.66	3766662.00	0.00013c	(81122824)
365093.66	3766662.00	0.00013c	(81122824)		365113.66	3766662.00	0.00014c	(81012724)
365133.66	3766662.00	0.00015c	(81012724)		365153.66	3766662.00	0.00016c	(81012724)
365173.66	3766662.00	0.00017c	(81012724)		365193.66	3766662.00	0.00018c	(81061224)
365213.66	3766662.00	0.00019c	(81061224)		365233.66	3766662.00	0.00020c	(81061224)
365253.66	3766662.00	0.00021c	(81061224)		365273.66	3766662.00	0.00022c	(81030424)
365293.66	3766662.00	0.00023c	(81030424)		365313.66	3766662.00	0.00025c	(81112724)
365333.66	3766662.00	0.00025c	(81112724)		365353.66	3766662.00	0.00026c	(81092924)
365373.66	3766662.00	0.00028c	(81092924)		365393.66	3766662.00	0.00028c	(81030124)

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 173

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
 L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
 L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365413.66	3766662.00	0.00030c	(81102124)	365433.66	3766662.00	0.00032c	(81102124)
365453.66	3766662.00	0.00034c	(81102124)	365473.66	3766662.00	0.00036c	(81012724)
365493.66	3766662.00	0.00039c	(81030324)	365513.66	3766662.00	0.00042c	(81030324)
365533.66	3766662.00	0.00046c	(81092924)	365553.66	3766662.00	0.00048c	(81092924)
365573.66	3766662.00	0.00050c	(81112424)	365593.66	3766662.00	0.00053c	(81092924)
365613.66	3766662.00	0.00056c	(81040624)	365633.66	3766662.00	0.00060c	(81112424)
365653.66	3766662.00	0.00062c	(81112424)	365673.66	3766662.00	0.00064c	(81040624)
365693.66	3766662.00	0.00067c	(81040624)	365713.66	3766662.00	0.00070c	(81040624)
365733.66	3766662.00	0.00075c	(81123124)	365753.66	3766662.00	0.00076c	(81081024)
365773.66	3766662.00	0.00080c	(81082724)	365793.66	3766662.00	0.00084c	(81123124)
365813.66	3766662.00	0.00088c	(81123124)	365833.66	3766662.00	0.00091c	(81081024)
365853.66	3766662.00	0.00093c	(81081024)	365873.66	3766662.00	0.00096c	(81041924)
365893.66	3766662.00	0.00098c	(81082724)	365913.66	3766662.00	0.00101c	(81102724)
365933.66	3766662.00	0.00105c	(81022424)	365953.66	3766662.00	0.00113c	(81082524)
365973.66	3766662.00	0.00122c	(81030124)	365993.66	3766662.00	0.00139c	(81022424)
366013.66	3766662.00	0.00162c	(81030324)	366033.66	3766662.00	0.00199c	(81082524)
366053.66	3766662.00	0.00241c	(81121024)	366073.66	3766662.00	0.00290c	(81030324)
366093.66	3766662.00	0.00336c	(81021424)	366113.66	3766662.00	0.00331c	(81010324)
366133.66	3766662.00	0.00294c	(81112724)	366153.66	3766662.00	0.00306c	(81032224)
366173.66	3766662.00	0.00295c	(81092824)	366193.66	3766662.00	0.00246c	(81030224)
366213.66	3766662.00	0.00302c	(81021024)	366233.66	3766662.00	0.00286c	(81010624)
366253.66	3766662.00	0.00291c	(81121924)	366273.66	3766662.00	0.00273c	(81110124)
366293.66	3766662.00	0.00229c	(81101824)	366313.66	3766662.00	0.00191c	(81101824)
366333.66	3766662.00	0.00150c	(81101824)	366353.66	3766662.00	0.00118c	(81103024)
366373.66	3766662.00	0.00097c	(81101824)	366393.66	3766662.00	0.00085c	(81110924)
366413.66	3766662.00	0.00076c	(81110924)	366433.66	3766662.00	0.00069c	(81010624)
366453.66	3766662.00	0.00063c	(81010624)	366473.66	3766662.00	0.00059c	(81110924)
366493.66	3766662.00	0.00055c	(81010624)	364713.66	3766682.00	0.00008c	(81061224)
364733.66	3766682.00	0.00009c	(81112724)	364753.66	3766682.00	0.00009c	(81112724)
364773.66	3766682.00	0.00009c	(81112724)	364793.66	3766682.00	0.00009c	(81112724)
364813.66	3766682.00	0.00010c	(81112724)	364833.66	3766682.00	0.00010c	(81112724)
364853.66	3766682.00	0.00010c	(81061224)	364873.66	3766682.00	0.00010c	(81061224)
364893.66	3766682.00	0.00010c	(81112924)	364913.66	3766682.00	0.00010c	(81112924)
364933.66	3766682.00	0.00010c	(81100124)	364953.66	3766682.00	0.00011c	(81042124)
364973.66	3766682.00	0.00011c	(81042124)	364993.66	3766682.00	0.00011c	(81122824)
365013.66	3766682.00	0.00011c	(81101924)	365033.66	3766682.00	0.00012c	(81122824)
365053.66	3766682.00	0.00012c	(81122824)	365073.66	3766682.00	0.00013c	(81122824)
365093.66	3766682.00	0.00013c	(81122824)	365113.66	3766682.00	0.00013c	(81122824)
365133.66	3766682.00	0.00014c	(81022324)	365153.66	3766682.00	0.00015c	(81022324)
365173.66	3766682.00	0.00016c	(81022324)	365193.66	3766682.00	0.00017c	(81022324)

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 174

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
 L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
 L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
365213.66	3766682.00	0.00018c	(81092924)	365233.66	3766682.00	0.00019c	(81030424)
365253.66	3766682.00	0.00020c	(81030424)	365273.66	3766682.00	0.00021c	(81112724)
365293.66	3766682.00	0.00021c	(81092924)	365313.66	3766682.00	0.00022c	(81092924)
365333.66	3766682.00	0.00023c	(81092924)	365353.66	3766682.00	0.00024c	(81030124)
365373.66	3766682.00	0.00025c	(81102124)	365393.66	3766682.00	0.00027c	(81102124)
365413.66	3766682.00	0.00028c	(81102124)	365433.66	3766682.00	0.00030c	(81102124)
365453.66	3766682.00	0.00031c	(81012724)	365473.66	3766682.00	0.00032c	(81060524)
365493.66	3766682.00	0.00035c	(81030324)	365513.66	3766682.00	0.00037c	(81030324)
365533.66	3766682.00	0.00039c	(81092924)	365553.66	3766682.00	0.00041c	(81092924)
365573.66	3766682.00	0.00043c	(81041524)	365593.66	3766682.00	0.00045c	(81092924)
365613.66	3766682.00	0.00047c	(81040624)	365633.66	3766682.00	0.00050c	(81112424)
365653.66	3766682.00	0.00052c	(81040624)	365673.66	3766682.00	0.00055c	(81040624)
365693.66	3766682.00	0.00058c	(81040624)	365713.66	3766682.00	0.00060c	(81041924)

365733.66 3766682.00 0.00062c (81032924) PM10op.POU.txt 365753.66 3766682.00 0.00064c (81030324)
365773.66 3766682.00 0.00065c (81081024) 365793.66 3766682.00 0.00069c (81081024)
365813.66 3766682.00 0.00072c (81081024) 365833.66 3766682.00 0.00074c (81081024)
365853.66 3766682.00 0.00077c (81092324) 365873.66 3766682.00 0.00079c (81041924)
365893.66 3766682.00 0.00081c (81101124) 365913.66 3766682.00 0.00082c (81081024)
365933.66 3766682.00 0.00084c (81022424) 365953.66 3766682.00 0.00089c (81011324)
365973.66 3766682.00 0.00093c (81022424) 365993.66 3766682.00 0.00103c (81092924)
366013.66 3766682.00 0.00115c (81092324) 366033.66 3766682.00 0.00130c (81082524)
366053.66 3766682.00 0.00147c (81092924) 366073.66 3766682.00 0.00168c (81030324)
366093.66 3766682.00 0.00193c (81030324) 366113.66 3766682.00 0.00222c (81030324)
366133.66 3766682.00 0.00262c (81081024) 366153.66 3766682.00 0.00300c (81021424)
366173.66 3766682.00 0.00339c (81022424) 366193.66 3766682.00 0.00341c (81051424)
366213.66 3766682.00 0.00326c (81092824) 366233.66 3766682.00 0.00329c (81021124)
366253.66 3766682.00 0.00306c (81012624) 366273.66 3766682.00 0.00276c (81031324)
366293.66 3766682.00 0.00243 (81032624) 366313.66 3766682.00 0.00251c (81031324)
366333.66 3766682.00 0.00230c (81031324) 366353.66 3766682.00 0.00183c (81121924)
366373.66 3766682.00 0.00147c (81110224) 366393.66 3766682.00 0.00123c (81103024)
366413.66 3766682.00 0.00106c (81101824) 366433.66 3766682.00 0.00093c (81101824)
366453.66 3766682.00 0.00083c (81010624) 366473.66 3766682.00 0.00075c (81010624)
366493.66 3766682.00 0.00070c (81102924) 364713.66 3766702.00 0.00008c (81061224)
364733.66 3766702.00 0.00008c (81061224) 364753.66 3766702.00 0.00009c (81112724)
364773.66 3766702.00 0.00009c (81112724) 364793.66 3766702.00 0.00009c (81100124)
364813.66 3766702.00 0.00010c (81100124) 364833.66 3766702.00 0.00010c (81061224)
364853.66 3766702.00 0.00010c (81061224) 364873.66 3766702.00 0.00010c (81112924)
364893.66 3766702.00 0.00010c (81100124) 364913.66 3766702.00 0.00010c (81100124)
364933.66 3766702.00 0.00010 (81042124) 364953.66 3766702.00 0.00010c (81061224)
364973.66 3766702.00 0.00010c (81122824) 364993.66 3766702.00 0.00011 (81042124)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 175
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
*** 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)
365013.66 3766702.00 0.00011c (81101924) 365033.66 3766702.00 0.00011c (81122824)
365053.66 3766702.00 0.00012c (81012724) 365073.66 3766702.00 0.00012c (81101924)
365093.66 3766702.00 0.00013c (81032324) 365113.66 3766702.00 0.00013c (81032324)
365133.66 3766702.00 0.00014c (81022324) 365153.66 3766702.00 0.00015c (81022324)
365173.66 3766702.00 0.00016c (81022324) 365193.66 3766702.00 0.00016c (81022324)
365213.66 3766702.00 0.00017c (81092924) 365233.66 3766702.00 0.00018c (81092924)
365253.66 3766702.00 0.00019c (81092924) 365273.66 3766702.00 0.00020c (81092924)
365293.66 3766702.00 0.00020c (81030124) 365313.66 3766702.00 0.00021c (81030124)
365333.66 3766702.00 0.00022c (81011324) 365353.66 3766702.00 0.00023c (81102124)
365373.66 3766702.00 0.00024c (81102124) 365393.66 3766702.00 0.00025c (81102124)
365413.66 3766702.00 0.00026c (81012724) 365433.66 3766702.00 0.00027c (81012724)
365453.66 3766702.00 0.00028c (81060524) 365473.66 3766702.00 0.00029c (81060524)
365493.66 3766702.00 0.00031c (81030324) 365513.66 3766702.00 0.00033c (81092924)
365533.66 3766702.00 0.00035c (81030324) 365553.66 3766702.00 0.00036c (81112424)
365573.66 3766702.00 0.00037c (81030324) 365593.66 3766702.00 0.00039c (81030324)
365613.66 3766702.00 0.00041c (81040624) 365633.66 3766702.00 0.00044c (81040624)
365653.66 3766702.00 0.00046c (81040624) 365673.66 3766702.00 0.00048c (81040624)
365693.66 3766702.00 0.00051c (81040624) 365713.66 3766702.00 0.00052c (81041924)
365733.66 3766702.00 0.00052c (81082524) 365753.66 3766702.00 0.00054c (81030324)
365773.66 3766702.00 0.00053 (81041524) 365793.66 3766702.00 0.00056c (81081024)
365813.66 3766702.00 0.00059c (81082724) 365833.66 3766702.00 0.00061c (81081024)
365853.66 3766702.00 0.00064c (81082524) 365873.66 3766702.00 0.00067c (81102724)
365893.66 3766702.00 0.00068c (81050224) 365913.66 3766702.00 0.00068c (81050224)
365933.66 3766702.00 0.00069c (81082524) 365953.66 3766702.00 0.00074c (81102724)
365973.66 3766702.00 0.00076c (81101124) 365993.66 3766702.00 0.00080c (81092924)
366013.66 3766702.00 0.00088c (81030324) 366033.66 3766702.00 0.00097c (81082524)
366053.66 3766702.00 0.00107c (81011324) 366073.66 3766702.00 0.00117c (81030324)
366093.66 3766702.00 0.00129c (81030324) 366113.66 3766702.00 0.00143c (81030324)
366133.66 3766702.00 0.00159c (81081024) 366153.66 3766702.00 0.00180c (81081024)
366173.66 3766702.00 0.00203c (81011324) 366193.66 3766702.00 0.00232c (81011324)
366213.66 3766702.00 0.00267c (81121024) 366233.66 3766702.00 0.00316c (81011324)
366253.66 3766702.00 0.00353c (81041924) 366273.66 3766702.00 0.00344c (81051924)
366293.66 3766702.00 0.00305c (81081424) 366313.66 3766702.00 0.00298c (81032224)
366333.66 3766702.00 0.00277c (81030724) 366353.66 3766702.00 0.00224c (81031324)
366373.66 3766702.00 0.00181c (81030724) 366393.66 3766702.00 0.00151c (81122524)
366413.66 3766702.00 0.00166c (81101824) 366433.66 3766702.00 0.00148c (81121924)
366453.66 3766702.00 0.00125c (81121424) 366473.66 3766702.00 0.00112 (81122224)
366493.66 3766702.00 0.00101c (81110224) 364713.66 3766722.00 0.00007c (81061224)
364733.66 3766722.00 0.00008c (81061224) 364753.66 3766722.00 0.00009c (81061224)
364773.66 3766722.00 0.00009c (81100124) 364793.66 3766722.00 0.00009c (81100124)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 176
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,
*** 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)
364813.66 3766722.00 0.00009c (81100124) 364833.66 3766722.00 0.00009c (81061224)
364853.66 3766722.00 0.00009c (81022324) 364873.66 3766722.00 0.00009c (81100124)
364893.66 3766722.00 0.00009c (81022324) 364913.66 3766722.00 0.00009c (81122824)
364933.66 3766722.00 0.00010c (81122824) 364953.66 3766722.00 0.00010c (81122824)
364973.66 3766722.00 0.00010c (81122824) 364993.66 3766722.00 0.00010 (81042124)
365013.66 3766722.00 0.00011c (81101924) 365033.66 3766722.00 0.00011c (81101924)
365053.66 3766722.00 0.00012c (81101924) 365073.66 3766722.00 0.00012c (81032324)
365093.66 3766722.00 0.00013c (81032324) 365113.66 3766722.00 0.00013c (81032324)
365133.66 3766722.00 0.00014c (81022324) 365153.66 3766722.00 0.00014c (81022324)
365173.66 3766722.00 0.00015c (81022324) 365193.66 3766722.00 0.00016c (81030424)
365213.66 3766722.00 0.00017c (81092924) 365233.66 3766722.00 0.00017c (81022324)
365253.66 3766722.00 0.00018c (81022324) 365273.66 3766722.00 0.00018c (81022324)
365293.66 3766722.00 0.00019c (81011324) 365313.66 3766722.00 0.00020c (81041924)
365333.66 3766722.00 0.00021c (81011324) 365353.66 3766722.00 0.00021c (81041924)
365373.66 3766722.00 0.00022c (81041924) 365393.66 3766722.00 0.00023c (81012724)
365413.66 3766722.00 0.00023c (81012724) 365433.66 3766722.00 0.00024c (81030324)
365453.66 3766722.00 0.00025c (81060524) 365473.66 3766722.00 0.00027c (81030324)
365493.66 3766722.00 0.00028c (81030324) 365513.66 3766722.00 0.00029c (81092924)
365533.66 3766722.00 0.00031c (81102124) 365553.66 3766722.00 0.00032c (81112424)
Page 117

365573.66 3766722.00 0.00033c (81030324) PM10op.POU.txt 365593.66 3766722.00 0.00035c (81030324)
365613.66 3766722.00 0.00036c (81040624) 365633.66 3766722.00 0.00039c (81040624)
365653.66 3766722.00 0.00041c (81040624) 365673.66 3766722.00 0.00043c (81040624)
365693.66 3766722.00 0.00045c (81040624) 365713.66 3766722.00 0.00046c (81041524)
365733.66 3766722.00 0.00046c (81041924) 365753.66 3766722.00 0.00046c (81041924)
365773.66 3766722.00 0.00047c (81041524) 365793.66 3766722.00 0.00048c (81070724)
365813.66 3766722.00 0.00050c (81070724) 365833.66 3766722.00 0.00052c (81082724)
365853.66 3766722.00 0.00053c (81092324) 365873.66 3766722.00 0.00055c (81041924)
365893.66 3766722.00 0.00058c (81102724) 365913.66 3766722.00 0.00059c (81082724)
365933.66 3766722.00 0.00060c (81030324) 365953.66 3766722.00 0.00063c (81092324)
365973.66 3766722.00 0.00065c (81092324) 365993.66 3766722.00 0.00066c (81102724)
366013.66 3766722.00 0.00072c (81021424) 366033.66 3766722.00 0.00078c (81011324)
366053.66 3766722.00 0.00084c (81011324) 366073.66 3766722.00 0.00090c (81030324)
366093.66 3766722.00 0.00096c (81030324) 366113.66 3766722.00 0.00103c (81030324)
366133.66 3766722.00 0.00112c (81081024) 366153.66 3766722.00 0.00123c (81041924)
366173.66 3766722.00 0.00133c (81041924) 366193.66 3766722.00 0.00145c (81050224)
366213.66 3766722.00 0.00161c (81050224) 366233.66 3766722.00 0.00180c (81050224)
366253.66 3766722.00 0.00200c (81082724) 366273.66 3766722.00 0.00223c (81021424)
366293.66 3766722.00 0.00259c (81121024) 366313.66 3766722.00 0.00282c (81082724)
366333.66 3766722.00 0.00258c (81050224) 366353.66 3766722.00 0.00199c (81081024)
366373.66 3766722.00 0.00185c (81052624) 366393.66 3766722.00 0.00175c (81092824)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
366413.66 3766722.00 0.00154c (81122924) 366433.66 3766722.00 0.00148c (81121024)
366453.66 3766722.00 0.00169c (81122524) 366473.66 3766722.00 0.00139c (81112524)
366493.66 3766722.00 0.00121c (81012624) 366473.66 3766742.00 0.00007c (81122824)
364733.66 3766742.00 0.00008c (81061224) 364753.66 3766742.00 0.00008c (81061224)
364773.66 3766742.00 0.00008c (81100124) 364793.66 3766742.00 0.00009c (81100124)
364813.66 3766742.00 0.00009c (81100124) 364833.66 3766742.00 0.00009c (81100124)
364853.66 3766742.00 0.00009c (81100124) 364873.66 3766742.00 0.00009c (81022324)
364893.66 3766742.00 0.00009c (81022324) 364913.66 3766742.00 0.00009c (81122824)
364933.66 3766742.00 0.00009c (81122824) 364953.66 3766742.00 0.00010 (81042124)
364973.66 3766742.00 0.00010c (81122824) 364993.66 3766742.00 0.00010c (81122824)
365013.66 3766742.00 0.00010c (81122824) 365033.66 3766742.00 0.00011c (81101924)
365053.66 3766742.00 0.00011c (81032324) 365073.66 3766742.00 0.00012c (81032324)
365093.66 3766742.00 0.00012c (81032324) 365113.66 3766742.00 0.00013c (81032324)
365133.66 3766742.00 0.00013c (81030424) 365153.66 3766742.00 0.00014c (81022324)
365173.66 3766742.00 0.00015c (81022324) 365193.66 3766742.00 0.00015c (81092924)
365213.66 3766742.00 0.00016c (81022324) 365233.66 3766742.00 0.00016c (81041924)
365253.66 3766742.00 0.00017c (81041924) 365273.66 3766742.00 0.00017c (81011324)
365293.66 3766742.00 0.00018c (81022324) 365313.66 3766742.00 0.00019c (81102124)
365333.66 3766742.00 0.00019c (81011324) 365353.66 3766742.00 0.00020c (81011324)
365373.66 3766742.00 0.00020c (81012724) 365393.66 3766742.00 0.00021c (81012724)
365413.66 3766742.00 0.00021c (81030324) 365433.66 3766742.00 0.00022c (81030324)
365453.66 3766742.00 0.00023c (81030324) 365473.66 3766742.00 0.00024c (81030324)
365493.66 3766742.00 0.00025c (81092924) 365513.66 3766742.00 0.00026c (81021424)
365533.66 3766742.00 0.00028c (81030424) 365553.66 3766742.00 0.00028c (81030424)
365573.66 3766742.00 0.00030c (81112424) 365593.66 3766742.00 0.00031c (81030324)
365613.66 3766742.00 0.00033c (81030324) 365633.66 3766742.00 0.00035c (81040624)
365653.66 3766742.00 0.00037c (81040624) 365673.66 3766742.00 0.00039c (81040624)
365693.66 3766742.00 0.00040 (81041524) 365713.66 3766742.00 0.00041 (81041524)
365733.66 3766742.00 0.00041c (81030324) 365753.66 3766742.00 0.00040c (81030324)
365773.66 3766742.00 0.00042c (81041924) 365793.66 3766742.00 0.00042c (81070724)
365813.66 3766742.00 0.00044c (81070724) 365833.66 3766742.00 0.00046c (81070724)
365853.66 3766742.00 0.00047c (81070724) 365873.66 3766742.00 0.00048c (81021424)
365893.66 3766742.00 0.00050c (81082524) 365913.66 3766742.00 0.00051c (81082724)
365933.66 3766742.00 0.00053c (81011324) 365953.66 3766742.00 0.00053c (81082724)
365973.66 3766742.00 0.00055c (81092324) 365993.66 3766742.00 0.00058c (81021424)
366013.66 3766742.00 0.00060c (81092324) 366033.66 3766742.00 0.00065c (81011324)
366053.66 3766742.00 0.00069c (81011324) 366073.66 3766742.00 0.00073c (81030324)
366093.66 3766742.00 0.00076c (81030324) 366113.66 3766742.00 0.00080c (81030324)
366133.66 3766742.00 0.00085c (81081024) 366153.66 3766742.00 0.00091c (81030324)
366173.66 3766742.00 0.00097c (81050224) 366193.66 3766742.00 0.00106c (81050224)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
366213.66 3766742.00 0.00114c (81011324) 366233.66 3766742.00 0.00123c (81082724)
366253.66 3766742.00 0.00131c (81051924) 366273.66 3766742.00 0.00138c (81021424)
366293.66 3766742.00 0.00147c (81051424) 366313.66 3766742.00 0.00164c (81051424)
366333.66 3766742.00 0.00169c (81101124) 366353.66 3766742.00 0.00167c (81082724)
366373.66 3766742.00 0.00171c (81091524) 366393.66 3766742.00 0.00182c (81091524)
366413.66 3766742.00 0.00188c (81051424) 366433.66 3766742.00 0.00189c (81032224)
366453.66 3766742.00 0.00174c (81012624) 366473.66 3766742.00 0.00164c (81051424)
366493.66 3766742.00 0.00148c (81030724) 366488.66 3766117.00 0.00019c (81012024)
364738.66 3766117.00 0.00026c (81112924) 364788.66 3766117.00 0.00029c (81112824)
364838.66 3766117.00 0.00033c (81122024) 364888.66 3766117.00 0.00094c (81122124)
364938.66 3766117.00 0.00071c (81010624) 364988.66 3766117.00 0.00042c (81042024)
365038.66 3766117.00 0.00026c (81101824) 365088.66 3766117.00 0.00019c (81121224)
365138.66 3766117.00 0.00015c (81011124) 365188.66 3766117.00 0.00013c (81103124)
365238.66 3766117.00 0.00011c (81013124) 365288.66 3766117.00 0.00010c (81103124)
365338.66 3766117.00 0.00009c (81020624) 365388.66 3766117.00 0.00008c (81102824)
365438.66 3766117.00 0.00008 (81022824) 365488.66 3766117.00 0.00009c (81122724)
365538.66 3766117.00 0.00010c (81122724) 365588.66 3766117.00 0.00011c (81121124)
365638.66 3766117.00 0.00012c (81031024) 365688.66 3766117.00 0.00013c (81102924)
365738.66 3766117.00 0.00014c (81121124) 365788.66 3766117.00 0.00014c (81121124)
365838.66 3766117.00 0.00013c (81121124) 365888.66 3766117.00 0.00013c (81011224)
365938.66 3766117.00 0.00013c (81101524) 365988.66 3766117.00 0.00014c (81011124)
366038.66 3766117.00 0.00014c (81011124) 366088.66 3766117.00 0.00014c (81011124)
366138.66 3766117.00 0.00013c (81011124) 366188.66 3766117.00 0.00013c (81011124)
366238.66 3766117.00 0.00012c (81011224) 366288.66 3766117.00 0.00012c (81011124)
366338.66 3766117.00 0.00012c (81101824) 366388.66 3766117.00 0.00011c (81011124)

366438.66 3766117.00 0.00011c (81011224) PM10op.POU.txt 366488.66 3766117.00 0.00010c (81101824)
366538.66 3766117.00 0.00010c (81110224) 366488.66 3766167.00 0.00028c (81101224)
366538.66 3766167.00 0.00011c (81100524) 366488.66 3766217.00 0.00032c (81030224)
366538.66 3766217.00 0.00012c (81022624) 366488.66 3766267.00 0.00031c (81122824)
366538.66 3766267.00 0.00013c (81022624) 366488.66 3766317.00 0.00025c (81112724)
366538.66 3766317.00 0.00014c (81013124) 366488.66 3766367.00 0.00018c (81092924)
366538.66 3766367.00 0.00016c (81011124) 366488.66 3766417.00 0.00013c (81042924)
366538.66 3766417.00 0.00017c (81011224) 366488.66 3766467.00 0.00011c (81102124)
366538.66 3766467.00 0.00019c (81013124) 366488.66 3766517.00 0.00010c (81031424)
366538.66 3766517.00 0.00022c (81101824) 366488.66 3766567.00 0.00009c (81070424)
366538.66 3766567.00 0.00025c (81121424) 366488.66 3766617.00 0.00008c (81112724)
366538.66 3766617.00 0.00033c (81110724) 366488.66 3766667.00 0.00007c (81061224)
366538.66 3766667.00 0.00044c (81101824) 366488.66 3766717.00 0.00007c (81122824)
366538.66 3766717.00 0.00067c (81112524) 366488.66 3766767.00 0.00007c (81122824)
364738.66 3766767.00 0.00008c (81122824) 364788.66 3766767.00 0.00008c (81122824)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 179
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
364838.66 3766767.00 0.00008c (81122824) 364888.66 3766767.00 0.00009c (81022324)
364938.66 3766767.00 0.00009c (81092924) 364988.66 3766767.00 0.00010c (81030424)
365038.66 3766767.00 0.00011c (81030424) 365088.66 3766767.00 0.00012c (81030424)
365138.66 3766767.00 0.00013c (81030124) 365188.66 3766767.00 0.00014c (81092924)
365238.66 3766767.00 0.00015c (81011324) 365288.66 3766767.00 0.00017c (81102124)
365338.66 3766767.00 0.00018c (81012724) 365388.66 3766767.00 0.00018c (81011324)
365438.66 3766767.00 0.00020c (81030324) 365488.66 3766767.00 0.00022c (81040624)
365538.66 3766767.00 0.00024c (81102124) 365588.66 3766767.00 0.00027c (81112424)
365638.66 3766767.00 0.00031c (81040624) 365688.66 3766767.00 0.00035c (81041524)
365738.66 3766767.00 0.00035c (81030324) 365788.66 3766767.00 0.00036c (81032924)
365838.66 3766767.00 0.00040c (81070724) 365888.66 3766767.00 0.00043c (81011324)
365938.66 3766767.00 0.00045c (81030324) 365988.66 3766767.00 0.00048c (81082724)
366038.66 3766767.00 0.00053c (81041924) 366088.66 3766767.00 0.00058c (81041524)
366138.66 3766767.00 0.00066c (81030324) 366188.66 3766767.00 0.00077c (81011324)
366238.66 3766767.00 0.00086c (81051924) 366288.66 3766767.00 0.00096c (81032924)
366338.66 3766767.00 0.00110c (81051924) 366388.66 3766767.00 0.00110c (81082724)
366438.66 3766767.00 0.00121c (81081424) 366488.66 3766767.00 0.00128c (81091524)
366538.66 3766767.00 0.00072c (81121024) 364663.66 3766092.00 0.00015c (81012024)
364713.66 3766092.00 0.00019c (81112924) 364763.66 3766092.00 0.00020c (81021024)
364813.66 3766092.00 0.00020c (81031024) 364863.66 3766092.00 0.00052 (81020824)
364913.66 3766092.00 0.00051c (81111124) 364963.66 3766092.00 0.00047c (81101324)
365013.66 3766092.00 0.00030 (81040524) 365063.66 3766092.00 0.00021c (81101424)
365113.66 3766092.00 0.00015c (81011124) 365163.66 3766092.00 0.00013c (81022624)
365213.66 3766092.00 0.00011c (81030824) 365263.66 3766092.00 0.00009c (81020924)
365313.66 3766092.00 0.00008c (81030824) 365363.66 3766092.00 0.00008c (81020624)
365413.66 3766092.00 0.00007c (81102824) 365463.66 3766092.00 0.00008c (81122724)
365513.66 3766092.00 0.00009c (81113024) 365563.66 3766092.00 0.00009c (81122724)
365613.66 3766092.00 0.00011c (81031024) 365663.66 3766092.00 0.00011c (81031024)
365713.66 3766092.00 0.00012c (81113024) 365763.66 3766092.00 0.00013c (81121124)
365813.66 3766092.00 0.00013c (81121124) 365863.66 3766092.00 0.00012c (81121124)
365913.66 3766092.00 0.00012c (81011124) 365963.66 3766092.00 0.00013c (81011224)
366013.66 3766092.00 0.00013c (81011124) 366063.66 3766092.00 0.00013c (81102924)
366113.66 3766092.00 0.00013c (81011124) 366163.66 3766092.00 0.00012c (81011124)
366213.66 3766092.00 0.00012c (81011124) 366263.66 3766092.00 0.00012c (81011224)
366313.66 3766092.00 0.00011c (81011124) 366363.66 3766092.00 0.00011c (81101824)
366413.66 3766092.00 0.00011c (81011124) 366463.66 3766092.00 0.00010c (81011224)
366513.66 3766092.00 0.00010c (81101824) 366563.66 3766092.00 0.00010c (81110224)
364663.66 3766142.00 0.00020c (81030624) 366563.66 3766142.00 0.00010c (81100524)
364663.66 3766192.00 0.00027 (81030524) 366563.66 3766192.00 0.00011c (81022624)
364663.66 3766242.00 0.00028c (81123124) 366563.66 3766242.00 0.00012c (81022624)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 180
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
364663.66 3766292.00 0.00023c (81092924) 366563.66 3766292.00 0.00013c (81013124)
364663.66 3766342.00 0.00019c (81123124) 366563.66 3766342.00 0.00014c (81011124)
364663.66 3766392.00 0.00014c (81030324) 366563.66 3766392.00 0.00016c (81110724)
364663.66 3766442.00 0.00011c (81082524) 366563.66 3766442.00 0.00017c (81013124)
364663.66 3766492.00 0.00010c (81011324) 366563.66 3766492.00 0.00019c (81022224)
364663.66 3766542.00 0.00009c (81070424) 366563.66 3766542.00 0.00021c (81110124)
364663.66 3766592.00 0.00008c (81070424) 366563.66 3766592.00 0.00026c (81121424)
364663.66 3766642.00 0.00007c (81061224) 366563.66 3766642.00 0.00034c (81110724)
364663.66 3766692.00 0.00007c (81061224) 366563.66 3766692.00 0.00042c (81110224)
364663.66 3766742.00 0.00007c (81122824) 366563.66 3766742.00 0.00061c (81121424)
364663.66 3766792.00 0.00007c (81122824) 364713.66 3766792.00 0.00007c (81100124)
364763.66 3766792.00 0.00007c (81030424) 364813.66 3766792.00 0.00008c (81122824)
364863.66 3766792.00 0.00009c (81112924) 364913.66 3766792.00 0.00009c (81022324)
364963.66 3766792.00 0.00009c (81030424) 365013.66 3766792.00 0.00010c (81030424)
365063.66 3766792.00 0.00011c (81032324) 365113.66 3766792.00 0.00012c (81022324)
365163.66 3766792.00 0.00013c (81092924) 365213.66 3766792.00 0.00014c (81011324)
365263.66 3766792.00 0.00015c (81102124) 365313.66 3766792.00 0.00016c (81022324)
365363.66 3766792.00 0.00017c (81011324) 365413.66 3766792.00 0.00017c (81011324)
365463.66 3766792.00 0.00019c (81092924) 365513.66 3766792.00 0.00021c (81030324)
365563.66 3766792.00 0.00023c (81030424) 365613.66 3766792.00 0.00026c (81112424)
365663.66 3766792.00 0.00029 (81041524) 365713.66 3766792.00 0.00031c (81030324)
365763.66 3766792.00 0.00031c (81030324) 365813.66 3766792.00 0.00033c (81070724)
365863.66 3766792.00 0.00036c (81011324) 365913.66 3766792.00 0.00038c (81021424)
365963.66 3766792.00 0.00041c (81050224) 366013.66 3766792.00 0.00043c (81030324)
366063.66 3766792.00 0.00045c (81082724) 366113.66 3766792.00 0.00050 (81041524)
366163.66 3766792.00 0.00055 (81041524) 366213.66 3766792.00 0.00062c (81032924)
366263.66 3766792.00 0.00070c (81021424) 366313.66 3766792.00 0.00075c (81032924)
366363.66 3766792.00 0.00082c (81101124) 366413.66 3766792.00 0.00082c (81051424)
366463.66 3766792.00 0.00082c (81082724) 366513.66 3766792.00 0.00075c (81050224)
366563.66 3766792.00 0.00054c (81082624) 364613.66 3766042.00 0.00010c (81012024)
364688.66 3766042.00 0.00011c (81021024) 364763.66 3766042.00 0.00012c (81012124)

364838.66 3766042.00 0.00017 (81031524) PM10op.POU.txt 364913.66 3766042.00 0.00029c (81121124)
364988.66 3766042.00 0.00027c (81122624) 365063.66 3766042.00 0.00019c (81110124)
365138.66 3766042.00 0.00014c (81011124) 365213.66 3766042.00 0.00010c (81101324)
365288.66 3766042.00 0.00008c (81022624) 365363.66 3766042.00 0.00006c (81022824)
365438.66 3766042.00 0.00006c (81102824) 365513.66 3766042.00 0.00007c (81122024)
365588.66 3766042.00 0.00009c (81122224) 365663.66 3766042.00 0.00009c (81113024)
365738.66 3766042.00 0.00010c (81012424) 365813.66 3766042.00 0.00011c (81121124)
365888.66 3766042.00 0.00010c (81121124) 365963.66 3766042.00 0.00010c (81011124)
366038.66 3766042.00 0.00011c (81101524) 366113.66 3766042.00 0.00011c (81011124)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
366188.66	3766042.00	0.00011c	(81102924)	366263.66	3766042.00	0.00011c	(81011224)
366338.66	3766042.00	0.00010c	(81102924)	366413.66	3766042.00	0.00010c	(81011124)
366488.66	3766042.00	0.00010c	(81011224)	366563.66	3766042.00	0.00009c	(81110224)
366613.66	3766117.00	0.00014c	(81021124)	366563.66	3766117.00	0.00010c	(81110224)
366613.66	3766192.00	0.00020	(81030524)	366563.66	3766192.00	0.00011c	(81022624)
366613.66	3766267.00	0.00019c	(81122824)	366563.66	3766267.00	0.00013c	(81110224)
366613.66	3766342.00	0.00016c	(81083124)	366563.66	3766342.00	0.00014c	(81011124)
366613.66	3766417.00	0.00011c	(81123124)	366563.66	3766417.00	0.00016c	(81101824)
366613.66	3766492.00	0.00009c	(81010324)	366563.66	3766492.00	0.00019c	(81022224)
366613.66	3766567.00	0.00007c	(81082524)	366563.66	3766567.00	0.00024c	(81110124)
366613.66	3766642.00	0.00007c	(81061224)	366563.66	3766642.00	0.00034c	(81110724)
366613.66	3766717.00	0.00007c	(81122824)	366563.66	3766717.00	0.00052c	(81112524)
366613.66	3766792.00	0.00007c	(81112724)	366563.66	3766792.00	0.00054c	(81082624)
366613.66	3766867.00	0.00006c	(81100124)	366688.66	3766867.00	0.00006c	(81030424)
364763.66	3766867.00	0.00007c	(81012724)	364838.66	3766867.00	0.00008c	(81030124)
364913.66	3766867.00	0.00008c	(81112924)	364988.66	3766867.00	0.00009c	(81092924)
365063.66	3766867.00	0.00009c	(81092924)	365138.66	3766867.00	0.00011c	(81041924)
365213.66	3766867.00	0.00011c	(81022324)	365288.66	3766867.00	0.00012c	(81092924)
365363.66	3766867.00	0.00013c	(81041924)	365438.66	3766867.00	0.00015c	(81021424)
365513.66	3766867.00	0.00016c	(81012524)	365588.66	3766867.00	0.00019c	(81030424)
365663.66	3766867.00	0.00021	(81041524)	365738.66	3766867.00	0.00022c	(81041924)
365813.66	3766867.00	0.00024c	(81011324)	365888.66	3766867.00	0.00026c	(81102124)
365963.66	3766867.00	0.00028c	(81123124)	366038.66	3766867.00	0.00030c	(81050224)
366113.66	3766867.00	0.00032c	(81123124)	366188.66	3766867.00	0.00034c	(81081024)
366263.66	3766867.00	0.00039c	(81021424)	366338.66	3766867.00	0.00042c	(81051924)
366413.66	3766867.00	0.00044c	(81051924)	366488.66	3766867.00	0.00044c	(81102724)
366563.66	3766867.00	0.00038c	(81102724)	364513.66	3765942.00	0.00007c	(81040324)
366613.66	3765942.00	0.00007c	(81112924)	364713.66	3765942.00	0.00007c	(81122324)
364813.66	3765942.00	0.00008c	(81122024)	364913.66	3765942.00	0.00015c	(81121124)
365013.66	3765942.00	0.00014c	(81101624)	365113.66	3765942.00	0.00012c	(81010624)
365213.66	3765942.00	0.00008c	(81013124)	365313.66	3765942.00	0.00007c	(81011124)
365413.66	3765942.00	0.00005c	(81022224)	365513.66	3765942.00	0.00005c	(81031524)
365613.66	3765942.00	0.00007c	(81121124)	365713.66	3765942.00	0.00008c	(81101524)
365813.66	3765942.00	0.00009c	(81121124)	365913.66	3765942.00	0.00008c	(81121124)
366013.66	3765942.00	0.00009c	(81101624)	366113.66	3765942.00	0.00009c	(81101524)
366213.66	3765942.00	0.00009c	(81011124)	366313.66	3765942.00	0.00009c	(81011124)
366413.66	3765942.00	0.00009c	(81102924)	366513.66	3765942.00	0.00008c	(81101824)
366613.66	3765942.00	0.00008c	(81101724)	366713.66	3765942.00	0.00007c	(81101324)
364513.66	3766042.00	0.00008c	(81011624)	366613.66	3766042.00	0.00009c	(81110224)
366713.66	3766042.00	0.00008c	(81100524)	364513.66	3766142.00	0.00012c	(811100424)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
366613.66	3766142.00	0.00010c	(81100524)	366713.66	3766142.00	0.00009c	(81022624)
364513.66	3766242.00	0.00013c	(81061224)	366613.66	3766242.00	0.00011c	(81022624)
366713.66	3766242.00	0.00010c	(81013124)	364513.66	3766342.00	0.00011c	(81030424)
366613.66	3766342.00	0.00013c	(81101324)	366713.66	3766342.00	0.00011c	(81013124)
364513.66	3766442.00	0.00009c	(81061224)	366613.66	3766442.00	0.00015c	(81101324)
366713.66	3766442.00	0.00012c	(81030824)	364513.66	3766542.00	0.00008c	(81010324)
366613.66	3766542.00	0.00019c	(81071824)	366713.66	3766542.00	0.00015c	(81103124)
364513.66	3766642.00	0.00006c	(81060524)	366613.66	3766642.00	0.00027c	(81110924)
366713.66	3766642.00	0.00019c	(81082124)	364513.66	3766742.00	0.00006c	(81112724)
366613.66	3766742.00	0.00043c	(81012624)	366713.66	3766742.00	0.00026c	(81112524)
364513.66	3766842.00	0.00005c	(81100124)	366613.66	3766842.00	0.00035c	(81091524)
366713.66	3766842.00	0.00023c	(81012624)	364513.66	3766942.00	0.00004c	(81030424)
364613.66	3766942.00	0.00005c	(81030424)	364713.66	3766942.00	0.00006c	(81022324)
364813.66	3766942.00	0.00007c	(81032324)	364913.66	3766942.00	0.00008c	(81040624)
365013.66	3766942.00	0.00009c	(81022324)	365113.66	3766942.00	0.00009c	(81041924)
365213.66	3766942.00	0.00010c	(81021424)	365313.66	3766942.00	0.00011c	(81021424)
365413.66	3766942.00	0.00012c	(81012524)	365513.66	3766942.00	0.00013c	(81041524)
365613.66	3766942.00	0.00016c	(81040624)	365713.66	3766942.00	0.00016c	(81102124)
365813.66	3766942.00	0.00018c	(81011324)	365913.66	3766942.00	0.00020c	(81102124)
366013.66	3766942.00	0.00021c	(81082724)	366113.66	3766942.00	0.00022c	(81091824)
366213.66	3766942.00	0.00025c	(81081024)	366313.66	3766942.00	0.00027c	(81051924)
366413.66	3766942.00	0.00029c	(81101124)	366513.66	3766942.00	0.00031c	(81102724)
366613.66	3766942.00	0.00027c	(81082624)	366713.66	3766942.00	0.00021c	(81100724)
364213.66	3765642.00	0.00003c	(81040324)	364413.66	3765642.00	0.00003c	(81011924)
364613.66	3765642.00	0.00003c	(81122324)	364813.66	3765642.00	0.00004c	(81031524)
365013.66	3765642.00	0.00005c	(81121124)	365213.66	3765642.00	0.00004c	(81101624)
365413.66	3765642.00	0.00004c	(81122624)	365613.66	3765642.00	0.00004c	(81122924)
365813.66	3765642.00	0.00005c	(81102924)	366013.66	3765642.00	0.00005c	(81121124)
366213.66	3765642.00	0.00005c	(81101624)	366413.66	3765642.00	0.00006c	(81011224)
366613.66	3765642.00	0.00006c	(81103124)	366813.66	3765642.00	0.00005c	(81013124)
367013.66	3765642.00	0.00005c	(81011124)	364213.66	3765842.00	0.00003c	(81012024)
364413.66	3765842.00	0.00005c	(81040324)	364613.66	3765842.00	0.00005c	(81011924)
364813.66	3765842.00	0.00006c	(81040324)	365013.66	3765842.00	0.00009c	(81103124)
365213.66	3765842.00	0.00007c	(81013124)	365413.66	3765842.00	0.00005c	(81111924)
365613.66	3765842.00	0.00005c	(81121324)	365813.66	3765842.00	0.00007c	(81012424)
366013.66	3765842.00	0.00007c	(81101624)	366213.66	3765842.00	0.00008c	(81101524)
366413.66	3765842.00	0.00008c	(81011124)	366613.66	3765842.00	0.00007c	(81103124)

366813.66 3765842.00 0.00006c (81101324) PM10op.POU.txt 367013.66 3765842.00 0.00005c (81011124)
364213.66 3766042.00 0.00006c (81012924) 364413.66 3766042.00 0.00007c (81030224)
366813.66 3766042.00 0.00007c (81100524) 367013.66 3766042.00 0.00005c (81101824)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002034, L0002035, L0002036, L0002037, L0002038, L0002039, L0002040,
L0002041, L0002042, L0002043, L0002044, L0002045, L0002046, L0002047, L0002048, L0002049, L0002050, L0002051, L0002052,
L0002053, L0002054, L0002055, L0002056, L0002057, L0002058, L0002059, L0002060, L0002061, L0002062, L0002063, . . . ,

*** 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)
364213.66 3766242.00 0.00006c (81061224) 364413.66 3766242.00 0.00009c (81061224)
366813.66 3766242.00 0.00008c (81120124) 367013.66 3766242.00 0.00006c (81071224)
364213.66 3766442.00 0.00006c (81010324) 364413.66 3766442.00 0.00008c (81042924)
366813.66 3766442.00 0.00010c (81121424) 367013.66 3766442.00 0.00008c (81120124)
364213.66 3766642.00 0.00005c (81092924) 364413.66 3766642.00 0.00006c (81123124)
366813.66 3766642.00 0.00015c (81082124) 367013.66 3766642.00 0.00010c (81112024)
364213.66 3766842.00 0.00004c (81030424) 364413.66 3766842.00 0.00005c (81100124)
366813.66 3766842.00 0.00018c (81121924) 367013.66 3766842.00 0.00013c (81010624)
364213.66 3767042.00 0.00004c (81112724) 364413.66 3767042.00 0.00004c (81012724)
364613.66 3767042.00 0.00005c (81051524) 364813.66 3767042.00 0.00006c (81040624)
365013.66 3767042.00 0.00007c (81011324) 365213.66 3767042.00 0.00008c (81040624)
365413.66 3767042.00 0.00010c (81011324) 365613.66 3767042.00 0.00012c (81041524)
365813.66 3767042.00 0.00013c (81102124) 366013.66 3767042.00 0.00015c (81011724)
366213.66 3767042.00 0.00017c (81082524) 366413.66 3767042.00 0.00019c (81102724)
366613.66 3767042.00 0.00020c (81081024) 366813.66 3767042.00 0.00015c (81051424)
367013.66 3767042.00 0.00011c (81082624) 364213.66 3767242.00 0.00003c (81102124)
364413.66 3767242.00 0.00004c (81051524) 364613.66 3767242.00 0.00004c (81022324)
364813.66 3767242.00 0.00005c (81030324) 365013.66 3767242.00 0.00006c (81030324)
365213.66 3767242.00 0.00005c (81040624) 365413.66 3767242.00 0.00007c (81102124)
365613.66 3767242.00 0.00008c (81030324) 365813.66 3767242.00 0.00008c (81082524)
366013.66 3767242.00 0.00008c (81012224) 366213.66 3767242.00 0.00010c (81091824)
366413.66 3767242.00 0.00011c (81102224) 366613.66 3767242.00 0.00012c (81081024)
366813.66 3767242.00 0.00011c (81100224) 367013.66 3767242.00 0.00010c (81082624)
364749.41 3766145.50 0.00034c (81030524) 365164.66 3766254.25 0.00026c (81121424)
365136.59 3766369.25 0.00025c (81051424) 364719.78 3766265.75 0.00041c (81092924)
366491.12 3766752.50 0.00195c (81091524) 366496.31 3766728.25 0.00129c (81030724)
365453.47 3766452.00 0.00171c (81112924) 365450.00 3766474.50 0.00312c (81022824)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **
GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZFLAG) OF TYPE NETWORK GRID-ID
ALL 1ST HIGHEST VALUE IS 0.00419 AT (364873.66, 3766202.00, 0.00, 0.00) DC NA
2ND HIGHEST VALUE IS 0.00333 AT (364893.66, 3766202.00, 0.00, 0.00) DC NA
3RD HIGHEST VALUE IS 0.00325 AT (365673.66, 3766542.00, 0.00, 0.00) DC NA
4TH HIGHEST VALUE IS 0.00316 AT (364893.66, 3766222.00, 0.00, 0.00) DC NA
5TH HIGHEST VALUE IS 0.00314 AT (365713.66, 3766562.00, 0.00, 0.00) DC NA
6TH HIGHEST VALUE IS 0.00310 AT (365653.66, 3766542.00, 0.00, 0.00) DC NA

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM-10 IN MICROGRAMS/M**3 **
GROUP ID AVERAGE CONC DATE (YYMMDDHH) RECEPTOR (XR, YR, ZELEV, ZFLAG) OF TYPE NETWORK GRID-ID
ALL HIGH 1ST HIGH VALUE IS 0.00998 ON 81122224: AT (364873.66, 3766182.00, 0.00, 0.00) DC NA
HIGH 6TH HIGH VALUE IS 0.00612c ON 81030424: AT (364853.66, 3766202.00, 0.00, 0.00) DC NA

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
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*** Message Summary : ISC3P Model Execution ***

----- Summary of Total Messages -----
A Total of 0 Fatal Error Message(s)
A Total of 1 Warning Message(s)
A Total of 1673 Informational Message(s)
A Total of 1673 Calm Hours Identified

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

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

SO W320 858 PPARM :Source Parameter May Be Out-of-Range for Parameter PM10op.POU.txt
VS

*** ISC3P Finishes Successfully ***

PM2.5

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**
*****
**
** ISC-PRIME Input Produced by:
** AERMOD View Ver. 6.0.0
** Lakes Environmental Software Inc.
** Date: 9/2/2009
** File: C:\AERMOD Projects\EXPO\Expo Opera\PM25\PM25op.PIN
**
*****
**
**
*****
** ISC-PRIME Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc
  MODELOPT DFAULT CONC URBAN
  AVERTIME 24 ANNUAL
  POLLUTID PM2.5
  TERRHGTs FLAT
  RUNORNOT RUN
CO FINISHED
**
*****
** ISC-PRIME Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FP1
** DESCRSRC
** Length of Side = 3.66
** Emission Rate = 1.267E-09
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 364845.15, 3766207.70, 0.00, 0.50, 0.0
** 364836.91, 3766251.63, 0.00, 0.50, 3.19
** -----
** LOCATION L0002326 VOLUME 364844.819 3766209.549
** LOCATION L0002327 VOLUME 364843.556 3766216.282
** LOCATION L0002328 VOLUME 364842.294 3766223.016
** LOCATION L0002329 VOLUME 364841.031 3766229.750
** LOCATION L0002330 VOLUME 364839.769 3766236.484
** LOCATION L0002331 VOLUME 364838.506 3766243.218
** LOCATION L0002332 VOLUME 364837.243 3766249.951
** End of Line Source
** Line Source represented by Separated volume Sources
** -----
** LINE Source ID = FP2
** DESCRSRC
** Length of Side = 7.32
** Emission Rate = 1.267E-09
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 364858.02, 3766207.32, 0.00, 0.50, 0.0
** 364848.87, 3766253.08, 0.00, 0.50, 6.10
** -----
** LOCATION L0002333 VOLUME 364857.313 3766210.836
** LOCATION L0002334 VOLUME 364854.740 3766223.695
** LOCATION L0002335 VOLUME 364852.166 3766236.555
** LOCATION L0002336 VOLUME 364849.593 3766249.414
** End of Line Source
** Line Source represented by Separated volume Sources
** -----
** LINE Source ID = FP3
** DESCRSRC
** Length of Side = 7.32
** Emission Rate = 1.267E-09
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 364868.28, 3766213.06, 0.00, 0.50, 0.0
** 364862.99, 3766238.18, 0.00, 0.50, 4.30
** -----
** LOCATION L0002337 VOLUME 364867.532 3766216.580
** LOCATION L0002338 VOLUME 364865.641 3766225.625
** LOCATION L0002339 VOLUME 364863.749 3766234.670
** End of Line Source
** Line Source represented by Separated volume Sources
** -----
** LINE Source ID = FD1
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 6.237E-08
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 4
** 364872.25, 3766178.01, 0.00, 0.50, 0.0
** 364866.96, 3766195.20, 0.00, 0.50, 4.85
** 364851.75, 3766204.46, 0.00, 0.50, 4.14
** 364839.85, 3766254.71, 0.00, 0.50, 6.00
** -----
** LOCATION L0002340 VOLUME 364871.135 3766181.643
** LOCATION L0002341 VOLUME 364868.084 3766191.607
** LOCATION L0002342 VOLUME 364862.615 3766197.896
** LOCATION L0002343 VOLUME 364855.006 3766202.521
** LOCATION L0002344 VOLUME 364849.652 3766213.355
** LOCATION L0002345 VOLUME 364846.675 3766225.918
** LOCATION L0002346 VOLUME 364843.699 3766238.480
** LOCATION L0002347 VOLUME 364840.722 3766251.043
** End of Line Source
** Line Source represented by Separated volume Sources
** -----
** LINE Source ID = FD2
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 6.237E-08
** Vertical Dimension = 0.50
** SZINIT = 0.23

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```

** Nodes = 4
** 364871.59, 3766178.01, 0.00, 0.50, 0.0
** 364866.96, 3766193.22, 0.00, 0.50, 3.87
** 364853.07, 3766204.46, 0.00, 0.50, 4.16
** 364840.51, 3766252.73, 0.00, 0.50, 5.80
** -----
LOCATION L0002348 VOLUME 364870.488 3766181.646
LOCATION L0002349 VOLUME 364868.075 3766189.604
LOCATION L0002350 VOLUME 364862.978 3766196.479
LOCATION L0002351 VOLUME 364856.025 3766202.104
LOCATION L0002352 VOLUME 364850.882 3766212.875
LOCATION L0002353 VOLUME 364847.741 3766224.938
LOCATION L0002354 VOLUME 364844.601 3766237.000
LOCATION L0002355 VOLUME 364841.460 3766249.063
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FD3
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 6.237E-08
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 364870.93, 3766178.67, 0.00, 0.50, 0.0
** 364853.07, 3766259.34, 0.00, 0.50, 6.96
** -----
LOCATION L0002356 VOLUME 364870.112 3766182.469
LOCATION L0002357 VOLUME 364866.867 3766197.082
LOCATION L0002358 VOLUME 364863.622 3766211.694
LOCATION L0002359 VOLUME 364860.378 3766226.306
LOCATION L0002360 VOLUME 364857.133 3766240.918
LOCATION L0002361 VOLUME 364853.888 3766255.531
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FD4
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 6.237E-08
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 364871.59, 3766178.67, 0.00, 0.50, 0.0
** 364854.40, 3766256.04, 0.00, 0.50, 6.65
** -----
LOCATION L0002362 VOLUME 364870.766 3766182.469
LOCATION L0002363 VOLUME 364867.660 3766196.431
LOCATION L0002364 VOLUME 364864.553 3766210.394
LOCATION L0002365 VOLUME 364861.447 3766224.356
LOCATION L0002366 VOLUME 364858.340 3766238.319
LOCATION L0002367 VOLUME 364855.234 3766252.281
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FD5
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 6.237E-08
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 4
** 364871.59, 3766177.35, 0.00, 0.50, 0.0
** 364866.96, 3766194.54, 0.00, 0.50, 4.76
** 364874.89, 3766211.07, 0.00, 0.50, 4.26
** 364868.94, 3766239.51, 0.00, 0.50, 6.77
** -----
LOCATION L0002368 VOLUME 364870.607 3766180.930
LOCATION L0002369 VOLUME 364867.955 3766190.820
LOCATION L0002370 VOLUME 364869.286 3766199.317
LOCATION L0002371 VOLUME 364873.255 3766207.567
LOCATION L0002372 VOLUME 364872.703 3766221.521
LOCATION L0002373 VOLUME 364869.718 3766235.771
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FD6
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 6.237E-08
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 4
** 364871.59, 3766179.33, 0.00, 0.50, 0.0
** 364865.64, 3766196.53, 0.00, 0.50, 4.95
** 364876.22, 3766209.75, 0.00, 0.50, 3.95
** 364868.94, 3766238.84, 0.00, 0.50, 6.95
** -----
LOCATION L0002374 VOLUME 364870.348 3766182.851
LOCATION L0002375 VOLUME 364866.871 3766192.899
LOCATION L0002376 VOLUME 364868.543 3766200.149
LOCATION L0002377 VOLUME 364873.840 3766206.774
LOCATION L0002378 VOLUME 364873.506 3766220.555
LOCATION L0002379 VOLUME 364869.865 3766235.055
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FTD1
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 1.747E-08
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 5
** 365112.27, 3766242.15, 0.00, 1.83, 0.0
** 365040.86, 3766246.78, 0.00, 1.83, 5.95
** 365038.88, 3766261.33, 0.00, 1.83, 6.81
** 365062.02, 3766271.91, 0.00, 1.83, 5.94
** 365009.12, 3766259.34, 0.00, 1.83, 6.33
** -----
LOCATION L0002488 VOLUME 365108.479 3766242.490
LOCATION L0002489 VOLUME 365095.719 3766243.294
LOCATION L0002490 VOLUME 365082.958 3766244.098
LOCATION L0002491 VOLUME 365070.198 3766244.902
LOCATION L0002492 VOLUME 365057.438 3766245.706
LOCATION L0002493 VOLUME 365044.677 3766246.510
LOCATION L0002494 VOLUME 365039.396 3766257.476
LOCATION L0002495 VOLUME 365046.997 3766265.021

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LOCATION L0002496 VOLUME 365058.575 3766270.396
LOCATION L0002497 VOLUME 365052.509 3766269.705
LOCATION L0002498 VOLUME 365039.282 3766266.518
LOCATION L0002499 VOLUME 365026.056 3766263.330
LOCATION L0002500 VOLUME 365012.829 3766260.143
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = FTD2
** DESCRSRC
** Length of Side = 7.62
** Emission Rate = 1.747E-08
** Vertical Dimension = 1.83
** SZINIT = 0.85
** Nodes = 3
** 365011.77, 3766260.00, 0.00, 1.83, 0.0
** 365101.03, 3766260.66, 0.00, 1.83, 6.33
** 365110.29, 3766240.83, 0.00, 1.83, 5.12
** -----
LOCATION L0002479 VOLUME 365015.591 3766260.032
LOCATION L0002480 VOLUME 365029.196 3766260.146
LOCATION L0002481 VOLUME 365042.801 3766260.261
LOCATION L0002482 VOLUME 365056.406 3766260.375
LOCATION L0002483 VOLUME 365070.011 3766260.489
LOCATION L0002484 VOLUME 365083.616 3766260.604
LOCATION L0002485 VOLUME 365097.221 3766260.718
LOCATION L0002486 VOLUME 365104.057 3766254.208
LOCATION L0002487 VOLUME 365108.682 3766244.208
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BP1
** DESCRSRC
** Length of Side = 3.66
** Emission Rate = 4.004E-10
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 365910.40, 3766582.01, 0.00, 0.50, 0.0
** 366446.71, 3766722.39, 0.00, 0.50, 3.37
** -----
LOCATION L0002402 VOLUME 365912.175 3766582.463
LOCATION L0002403 VOLUME 365919.186 3766584.300
LOCATION L0002404 VOLUME 365926.196 3766586.136
LOCATION L0002405 VOLUME 365933.206 3766587.973
LOCATION L0002406 VOLUME 365940.216 3766589.809
LOCATION L0002407 VOLUME 365947.226 3766591.646
LOCATION L0002408 VOLUME 365954.236 3766593.482
LOCATION L0002409 VOLUME 365961.247 3766595.319
LOCATION L0002410 VOLUME 365968.257 3766597.155
LOCATION L0002411 VOLUME 365975.267 3766598.992
LOCATION L0002412 VOLUME 365982.277 3766600.828
LOCATION L0002413 VOLUME 365989.287 3766602.665
LOCATION L0002414 VOLUME 365996.298 3766604.501
LOCATION L0002415 VOLUME 366003.308 3766606.338
LOCATION L0002416 VOLUME 366010.318 3766608.174
LOCATION L0002417 VOLUME 366017.328 3766610.011
LOCATION L0002418 VOLUME 366024.338 3766611.847
LOCATION L0002419 VOLUME 366031.349 3766613.684
LOCATION L0002420 VOLUME 366038.359 3766615.520
LOCATION L0002421 VOLUME 366045.369 3766617.357
LOCATION L0002422 VOLUME 366052.379 3766619.193
LOCATION L0002423 VOLUME 366059.389 3766621.030
LOCATION L0002424 VOLUME 366066.399 3766622.866
LOCATION L0002425 VOLUME 366073.410 3766624.703
LOCATION L0002426 VOLUME 366080.420 3766626.539
LOCATION L0002427 VOLUME 366087.430 3766628.376
LOCATION L0002428 VOLUME 366094.440 3766630.212
LOCATION L0002429 VOLUME 366101.450 3766632.049
LOCATION L0002430 VOLUME 366108.461 3766633.885
LOCATION L0002431 VOLUME 366115.471 3766635.722
LOCATION L0002432 VOLUME 366122.481 3766637.558
LOCATION L0002433 VOLUME 366129.491 3766639.395
LOCATION L0002434 VOLUME 366136.501 3766641.231
LOCATION L0002435 VOLUME 366143.511 3766643.068
LOCATION L0002436 VOLUME 366150.522 3766644.904
LOCATION L0002437 VOLUME 366157.532 3766646.741
LOCATION L0002438 VOLUME 366164.542 3766648.577
LOCATION L0002439 VOLUME 366171.552 3766650.413
LOCATION L0002440 VOLUME 366178.562 3766652.250
LOCATION L0002441 VOLUME 366185.573 3766654.086
LOCATION L0002442 VOLUME 366192.583 3766655.923
LOCATION L0002443 VOLUME 366199.593 3766657.759
LOCATION L0002444 VOLUME 366206.603 3766659.596
LOCATION L0002445 VOLUME 366213.613 3766661.432
LOCATION L0002446 VOLUME 366220.624 3766663.269
LOCATION L0002447 VOLUME 366227.634 3766665.105
LOCATION L0002448 VOLUME 366234.644 3766666.942
LOCATION L0002449 VOLUME 366241.654 3766668.778
LOCATION L0002450 VOLUME 366248.664 3766670.615
LOCATION L0002451 VOLUME 366255.675 3766672.451
LOCATION L0002452 VOLUME 366262.685 3766674.288
LOCATION L0002453 VOLUME 366269.695 3766676.124
LOCATION L0002454 VOLUME 366276.705 3766677.961
LOCATION L0002455 VOLUME 366283.715 3766679.797
LOCATION L0002456 VOLUME 366290.726 3766681.634
LOCATION L0002457 VOLUME 366297.736 3766683.470
LOCATION L0002458 VOLUME 366304.746 3766685.307
LOCATION L0002459 VOLUME 366311.756 3766687.143
LOCATION L0002460 VOLUME 366318.766 3766688.980
LOCATION L0002461 VOLUME 366325.777 3766690.816
LOCATION L0002462 VOLUME 366332.787 3766692.653
LOCATION L0002463 VOLUME 366339.797 3766694.489
LOCATION L0002464 VOLUME 366346.807 3766696.326
LOCATION L0002465 VOLUME 366353.817 3766698.162
LOCATION L0002466 VOLUME 366360.828 3766699.999
LOCATION L0002467 VOLUME 366367.838 3766701.835
LOCATION L0002468 VOLUME 366374.848 3766703.672
LOCATION L0002469 VOLUME 366381.858 3766705.508
LOCATION L0002470 VOLUME 366388.868 3766707.345
LOCATION L0002471 VOLUME 366395.879 3766709.181
LOCATION L0002472 VOLUME 366402.889 3766711.018
LOCATION L0002473 VOLUME 366409.899 3766712.854
LOCATION L0002474 VOLUME 366416.909 3766714.691
LOCATION L0002475 VOLUME 366423.919 3766716.527
LOCATION L0002476 VOLUME 366430.930 3766718.364
LOCATION L0002477 VOLUME 366437.940 3766720.200
LOCATION L0002478 VOLUME 366444.950 3766722.037

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** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BP2
** DESCRSRC
** Length of Side = 3.66
** Emission Rate = 4.004E-10
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 2
** 365834.43, 3766564.98, 0.00, 0.50, 0.0
** 365480.24, 3766467.05, 0.00, 0.50, 3.38
** -----
LOCATION L0002501 VOLUME 365832.675 3766564.512
LOCATION L0002502 VOLUME 365825.662 3766562.572
LOCATION L0002503 VOLUME 365818.648 3766560.631
LOCATION L0002504 VOLUME 365811.635 3766558.691
LOCATION L0002505 VOLUME 365804.622 3766556.750
LOCATION L0002506 VOLUME 365797.609 3766554.810
LOCATION L0002507 VOLUME 365790.595 3766552.869
LOCATION L0002508 VOLUME 365783.582 3766550.929
LOCATION L0002509 VOLUME 365776.569 3766548.988
LOCATION L0002510 VOLUME 365769.556 3766547.048
LOCATION L0002511 VOLUME 365762.542 3766545.107
LOCATION L0002512 VOLUME 365755.529 3766543.167
LOCATION L0002513 VOLUME 365748.516 3766541.226
LOCATION L0002514 VOLUME 365741.503 3766539.286
LOCATION L0002515 VOLUME 365734.489 3766537.345
LOCATION L0002516 VOLUME 365727.476 3766535.405
LOCATION L0002517 VOLUME 365720.463 3766533.464
LOCATION L0002518 VOLUME 365713.450 3766531.524
LOCATION L0002519 VOLUME 365706.436 3766529.583
LOCATION L0002520 VOLUME 365699.423 3766527.643
LOCATION L0002521 VOLUME 365692.410 3766525.702
LOCATION L0002522 VOLUME 365685.397 3766523.762
LOCATION L0002523 VOLUME 365678.384 3766521.821
LOCATION L0002524 VOLUME 365671.370 3766519.881
LOCATION L0002525 VOLUME 365664.357 3766517.940
LOCATION L0002526 VOLUME 365657.344 3766516.000
LOCATION L0002527 VOLUME 365650.331 3766514.060
LOCATION L0002528 VOLUME 365643.317 3766512.119
LOCATION L0002529 VOLUME 365636.304 3766510.179
LOCATION L0002530 VOLUME 365629.291 3766508.238
LOCATION L0002531 VOLUME 365622.278 3766506.298
LOCATION L0002532 VOLUME 365615.264 3766504.357
LOCATION L0002533 VOLUME 365608.251 3766502.417
LOCATION L0002534 VOLUME 365601.238 3766500.476
LOCATION L0002535 VOLUME 365594.225 3766498.536
LOCATION L0002536 VOLUME 365587.211 3766496.595
LOCATION L0002537 VOLUME 365580.198 3766494.655
LOCATION L0002538 VOLUME 365573.185 3766492.714
LOCATION L0002539 VOLUME 365566.172 3766490.774
LOCATION L0002540 VOLUME 365559.158 3766488.833
LOCATION L0002541 VOLUME 365552.145 3766486.893
LOCATION L0002542 VOLUME 365545.132 3766484.952
LOCATION L0002543 VOLUME 365538.119 3766483.012
LOCATION L0002544 VOLUME 365531.105 3766481.071
LOCATION L0002545 VOLUME 365524.092 3766479.131
LOCATION L0002546 VOLUME 365517.079 3766477.190
LOCATION L0002547 VOLUME 365510.066 3766475.250
LOCATION L0002548 VOLUME 365503.052 3766473.309
LOCATION L0002549 VOLUME 365496.039 3766471.369
LOCATION L0002550 VOLUME 365489.026 3766469.428
LOCATION L0002551 VOLUME 365482.013 3766467.488
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BD1
** DESCRSRC
** Length of Side = 9.14
** Emission Rate = 4.008E-07
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 3
** 365460.10, 3766465.22, 0.00, 0.50, 0.0
** 365478.88, 3766474.16, 0.00, 0.50, 5.44
** 365744.44, 3766547.49, 0.00, 0.50, 8.01
** -----
LOCATION L0002552 VOLUME 365464.215 3766467.225
LOCATION L0002553 VOLUME 365474.754 3766472.275
LOCATION L0002554 VOLUME 365491.067 3766477.613
LOCATION L0002555 VOLUME 365507.665 3766482.191
LOCATION L0002556 VOLUME 365524.262 3766486.769
LOCATION L0002557 VOLUME 365540.860 3766491.347
LOCATION L0002558 VOLUME 365557.458 3766495.925
LOCATION L0002559 VOLUME 365574.055 3766500.504
LOCATION L0002560 VOLUME 365590.653 3766505.082
LOCATION L0002561 VOLUME 365607.251 3766509.660
LOCATION L0002562 VOLUME 365623.848 3766514.238
LOCATION L0002563 VOLUME 365640.446 3766518.816
LOCATION L0002564 VOLUME 365657.044 3766523.394
LOCATION L0002565 VOLUME 365673.641 3766527.972
LOCATION L0002566 VOLUME 365690.239 3766532.550
LOCATION L0002567 VOLUME 365706.837 3766537.129
LOCATION L0002568 VOLUME 365723.434 3766541.707
LOCATION L0002569 VOLUME 365740.032 3766546.285
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BD2
** DESCRSRC
** Length of Side = 9.14
** Emission Rate = 4.008E-07
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 3
** 365884.77, 3766575.04, 0.00, 0.50, 0.0
** 365845.83, 3766575.04, 0.00, 0.50, 6.93
** 365603.36, 3766509.62, 0.00, 0.50, 8.35
** -----
LOCATION L0002570 VOLUME 365880.209 3766575.000
LOCATION L0002571 VOLUME 365865.313 3766575.000
LOCATION L0002572 VOLUME 365850.416 3766575.000
LOCATION L0002573 VOLUME 365832.936 3766571.514
LOCATION L0002574 VOLUME 365815.615 3766566.835
LOCATION L0002575 VOLUME 365798.293 3766562.156
LOCATION L0002576 VOLUME 365780.972 3766557.478
LOCATION L0002577 VOLUME 365763.650 3766552.799

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LOCATION L0002578 VOLUME 365746.329 3766548.121
LOCATION L0002579 VOLUME 365729.008 3766543.442
LOCATION L0002580 VOLUME 365711.686 3766538.764
LOCATION L0002581 VOLUME 365694.365 3766534.085
LOCATION L0002582 VOLUME 365677.043 3766529.406
LOCATION L0002583 VOLUME 365659.722 3766524.728
LOCATION L0002584 VOLUME 365642.400 3766520.049
LOCATION L0002585 VOLUME 365625.079 3766515.371
LOCATION L0002586 VOLUME 365607.758 3766510.692
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BD3
** DESCRSRC
** Length of Side = 9.14
** Emission Rate = 4.008E-07
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 3
** 365896.66, 3766575.04, 0.00, 0.50, 0.0
** 365903.07, 3766588.77, 0.00, 0.50, 2.80
** 366303.94, 3766694.94, 0.00, 0.50, 8.39
** -----
LOCATION L0002587 VOLUME 365898.587 3766579.144
LOCATION L0002588 VOLUME 365901.132 3766584.606
LOCATION L0002589 VOLUME 365916.072 3766592.198
LOCATION L0002590 VOLUME 365933.502 3766596.818
LOCATION L0002591 VOLUME 365950.931 3766601.437
LOCATION L0002592 VOLUME 365968.360 3766606.057
LOCATION L0002593 VOLUME 365985.790 3766610.676
LOCATION L0002594 VOLUME 366003.219 3766615.296
LOCATION L0002595 VOLUME 366020.649 3766619.916
LOCATION L0002596 VOLUME 366038.078 3766624.535
LOCATION L0002597 VOLUME 366055.507 3766629.155
LOCATION L0002598 VOLUME 366072.937 3766633.774
LOCATION L0002599 VOLUME 366090.366 3766638.394
LOCATION L0002600 VOLUME 366107.795 3766643.013
LOCATION L0002601 VOLUME 366125.225 3766647.633
LOCATION L0002602 VOLUME 366142.654 3766652.253
LOCATION L0002603 VOLUME 366160.083 3766656.872
LOCATION L0002604 VOLUME 366177.513 3766661.492
LOCATION L0002605 VOLUME 366194.942 3766666.111
LOCATION L0002606 VOLUME 366212.371 3766670.731
LOCATION L0002607 VOLUME 366229.801 3766675.350
LOCATION L0002608 VOLUME 366247.230 3766679.970
LOCATION L0002609 VOLUME 366264.659 3766684.590
LOCATION L0002610 VOLUME 366282.089 3766689.209
LOCATION L0002611 VOLUME 366299.518 3766693.829
** End of Line Source
** Line Source represented by Separated Volume Sources
** -----
** LINE Source ID = BD4
** DESCRSRC
** Length of Side = 9.14
** Emission Rate = 4.008E-07
** Vertical Dimension = 0.50
** SZINIT = 0.23
** Nodes = 3
** 366486.98, 3766733.38, 0.00, 0.50, 0.0
** 366444.88, 3766730.63, 0.00, 0.50, 7.68
** 366017.47, 3766620.80, 0.00, 0.50, 8.21
** -----
LOCATION L0002612 VOLUME 366482.406 3766733.202
LOCATION L0002613 VOLUME 366465.922 3766732.125
LOCATION L0002614 VOLUME 366449.437 3766731.048
LOCATION L0002615 VOLUME 366432.206 3766727.490
LOCATION L0002616 VOLUME 366415.110 3766723.090
LOCATION L0002617 VOLUME 366398.014 3766718.690
LOCATION L0002618 VOLUME 366380.918 3766714.290
LOCATION L0002619 VOLUME 366363.821 3766709.890
LOCATION L0002620 VOLUME 366346.725 3766705.490
LOCATION L0002621 VOLUME 366329.629 3766701.090
LOCATION L0002622 VOLUME 366312.533 3766696.690
LOCATION L0002623 VOLUME 366295.436 3766692.290
LOCATION L0002624 VOLUME 366278.340 3766687.890
LOCATION L0002625 VOLUME 366261.244 3766683.490
LOCATION L0002626 VOLUME 366244.148 3766679.090
LOCATION L0002627 VOLUME 366227.051 3766674.690
LOCATION L0002628 VOLUME 366209.955 3766670.290
LOCATION L0002629 VOLUME 366192.859 3766665.890
LOCATION L0002630 VOLUME 366175.763 3766661.490
LOCATION L0002631 VOLUME 366158.666 3766657.090
LOCATION L0002632 VOLUME 366141.570 3766652.690
LOCATION L0002633 VOLUME 366124.474 3766648.290
LOCATION L0002634 VOLUME 366107.378 3766643.890
LOCATION L0002635 VOLUME 366090.281 3766639.490
LOCATION L0002636 VOLUME 366073.185 3766635.090
LOCATION L0002637 VOLUME 366056.089 3766630.690
LOCATION L0002638 VOLUME 366038.993 3766626.290
LOCATION L0002639 VOLUME 366021.896 3766621.890
** End of Line Source
LOCATION FTI POINT 365010.980 3766260.170
** Source Parameters **
SRCPARAM L0002326 1.81E-10 0.50 3.19 0.23
SRCPARAM L0002327 1.81E-10 0.50 3.19 0.23
SRCPARAM L0002328 1.81E-10 0.50 3.19 0.23
SRCPARAM L0002329 1.81E-10 0.50 3.19 0.23
SRCPARAM L0002330 1.81E-10 0.50 3.19 0.23
SRCPARAM L0002331 1.81E-10 0.50 3.19 0.23
SRCPARAM L0002332 1.81E-10 0.50 3.19 0.23
SRCPARAM L0002333 3.1675E-10 0.50 6.10 0.23
SRCPARAM L0002334 3.1675E-10 0.50 6.10 0.23
SRCPARAM L0002335 3.1675E-10 0.50 6.10 0.23
SRCPARAM L0002336 3.1675E-10 0.50 6.10 0.23
SRCPARAM L0002337 4.2233E-10 0.50 4.30 0.23
SRCPARAM L0002338 4.2233E-10 0.50 4.30 0.23
SRCPARAM L0002339 4.2233E-10 0.50 4.30 0.23
SRCPARAM L0002340 7.7962E-09 0.50 4.85 0.23
SRCPARAM L0002341 7.7962E-09 0.50 4.85 0.23
SRCPARAM L0002342 7.7962E-09 0.50 4.14 0.23
SRCPARAM L0002343 7.7962E-09 0.50 4.14 0.23
SRCPARAM L0002344 7.7962E-09 0.50 6.00 0.23
SRCPARAM L0002345 7.7962E-09 0.50 6.00 0.23
SRCPARAM L0002346 7.7962E-09 0.50 6.00 0.23
SRCPARAM L0002347 7.7962E-09 0.50 6.00 0.23
SRCPARAM L0002348 7.7962E-09 0.50 3.87 0.23
SRCPARAM L0002349 7.7962E-09 0.50 3.87 0.23
SRCPARAM L0002350 7.7962E-09 0.50 4.16 0.23

```


[illegible]

```

SRCPARAM L0002609 1.6032E-08 0.50 8.39 0.23
SRCPARAM L0002610 1.6032E-08 0.50 8.39 0.23
SRCPARAM L0002611 1.6032E-08 0.50 8.39 0.23
SRCPARAM L0002612 1.4314E-08 0.50 7.68 0.23
SRCPARAM L0002613 1.4314E-08 0.50 7.68 0.23
SRCPARAM L0002614 1.4314E-08 0.50 7.68 0.23
SRCPARAM L0002615 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002616 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002617 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002618 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002619 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002620 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002621 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002622 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002623 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002624 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002625 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002626 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002627 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002628 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002629 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002630 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002631 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002632 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002633 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002634 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002635 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002636 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002637 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002638 1.4314E-08 0.50 8.21 0.23
SRCPARAM L0002639 1.4314E-08 0.50 8.21 0.23
SRCPARAM FTI 1.311E-07 12.600 366.000 51.71000 0.100
SRCGROUP ALL
SO FINISHED
**
*****
** ISC-PRIME Receptor Pathway
*****
**
**
RE STARTING
** DESCRREC "RES" "Residential"
DISCCART 364763.71 3766123.21
DISCCART 364877.00 3766157.65
DISCCART 364996.63 3766189.37
DISCCART 365152.52 3766233.78
DISCCART 365186.06 3766252.81
DISCCART 364813.56 3766040.73
DISCCART 364906.91 3766067.02
DISCCART 365017.48 3766096.02
DISCCART 365171.56 3766136.80
DISCCART 364901.47 3765939.22
DISCCART 364943.16 3765956.44
DISCCART 365049.20 3765981.82
DISCCART 365196.03 3766026.23
** DESCRREC "Both" "Res"
DISCCART 365319.29 3766299.03
DISCCART 365341.04 3766259.16
DISCCART 365370.95 3766205.68
DISCCART 365416.26 3766100.55
** DESCRREC "BRES" "Bundy Residential"
DISCCART 365711.60 3766501.92
DISCCART 366498.21 3766709.29
DISCCART 365730.52 3766430.31
DISCCART 366513.30 3766637.30
DISCCART 365475.87 3766363.83
DISCCART 365509.74 3766271.00
DISCCART 365760.63 3766338.74
DISCCART 366539.65 3766543.22
** BEGIN OF NESTED GRID RECEPTORS

** Nested Grid ID = NSTD2
** Grid Count = 5
** Receptor Count = 3221
** X Origin of Bounding Box = 364713.65
** Y Origin of Bounding Box = 3766141.96
** X Size of Bounding Box = 1777.55
** Y Size of Bounding Box = 605.49
** Grid #1: Distance from Bounding Box = 25.00 Spacing = 50.00
** Grid #2: Distance from Bounding Box = 50.00 Spacing = 50.00
** Grid #3: Distance from Bounding Box = 100.00 Spacing = 75.00
** Grid #4: Distance from Bounding Box = 200.00 Spacing = 100.00
** Grid #5: Distance from Bounding Box = 500.00 Spacing = 200.00
DISCCART 364713.65 3766141.96
DISCCART 364733.65 3766141.96
DISCCART 364753.65 3766141.96
DISCCART 364773.65 3766141.96
DISCCART 364793.65 3766141.96
DISCCART 364813.65 3766141.96
DISCCART 364833.65 3766141.96
DISCCART 364853.65 3766141.96
DISCCART 364873.65 3766141.96
DISCCART 364893.65 3766141.96
DISCCART 364913.65 3766141.96
DISCCART 364933.65 3766141.96
DISCCART 364953.65 3766141.96
DISCCART 364973.65 3766141.96
DISCCART 364993.65 3766141.96
DISCCART 365013.65 3766141.96
DISCCART 365033.65 3766141.96
DISCCART 365053.65 3766141.96
DISCCART 365073.65 3766141.96
DISCCART 365093.65 3766141.96
DISCCART 365113.65 3766141.96
DISCCART 365133.65 3766141.96
DISCCART 365153.65 3766141.96
DISCCART 365173.65 3766141.96
DISCCART 365193.65 3766141.96
DISCCART 365213.65 3766141.96
DISCCART 365233.65 3766141.96
DISCCART 365253.65 3766141.96
DISCCART 365273.65 3766141.96
DISCCART 365293.65 3766141.96
DISCCART 365313.65 3766141.96
DISCCART 365333.65 3766141.96
DISCCART 365353.65 3766141.96
DISCCART 365373.65 3766141.96
DISCCART 365393.65 3766141.96

```



```

** -----
** END OF NESTED GRID RECEPTORS
** Discrete Cartesian Plant Boundary - Primary Receptors
** Plant Boundary Name SITE
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART 364749.39 3766145.41
DISCCART 365164.66 3766254.24
DISCCART 365136.58 3766369.34
DISCCART 364719.79 3766265.79
** Plant Boundary Name PLBN1
** DESCRREC "FENCEPRI" "Cartesian plant boundary Primary Receptors"
DISCCART 366491.12 3766752.49
DISCCART 366496.30 3766728.31
DISCCART 365453.45 3766452.06
DISCCART 365450.00 3766474.51
RE FINISHED

```

```

**
*****
** ISC-PRIME Meteorology Pathway
*****

```

```

**
ME STARTING
INPUTFIL C:\AERMOD~1\METDAT~1\WESTLA.ASC
ANEMHGHT 97 METERS
SURFDATA 52158 1981
UAIRDATA 91919 1981
ME FINISHED

```

```

**
*****
** ISC-PRIME Output Pathway
*****

```

```

**
OU STARTING
RECTABLE ALLAVE 1ST 6TH
RECTABLE 24 1ST 6TH
** Auto-Generated Plotfiles
PLOTFILE 24 ALL 1ST PM25OP.PR\24H1GALL.PLT
PLOTFILE 24 ALL 6TH PM25OP.PR\24H6GALL.PLT
PLOTFILE ANNUAL ALL PM25OP.PR\AN00GALL.PLT
OU FINISHED

```

*** Message Summary For ISC3P Model Setup ***

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

```

A Total of      0 Fatal Error Message(s)
A Total of      1 Warning Message(s)
A Total of      0 Informational Message(s)

```

```

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

```

```

***** WARNING MESSAGES *****
SO W320 858 PPARM :Source Parameter May Be Out-of-Range for Parameter VS

```

```

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

```

```

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***

```

```

***
***

```

PAGE 1

```

**MODELOPTS: CONC          URBAN  FLAT          DEFAULT
***          MODEL SETUP OPTIONS SUMMARY          ***

```

**Intermediate Terrain Processing is Selected

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

```

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION.  DDPLETE = F
**Model Uses NO WET DEPLETION.  WDPLETE = F
**NO WET SCAVENGING Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations
**Model Uses URBAN Dispersion.

```

```

**Model Uses Regulatory DEFAULT Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" values for Supersquat Buildings.
9. No Exponential Decay for URBAN/Non-SO2

```

**Model Assumes Receptors on FLAT Terrain.

**Model Assumes No FLAGPOLE Receptor Heights.

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

**This Run Includes: 293 Source(s); 1 Source Group(s); and 3254 Receptor(s)

**The Model Assumes A Pollutant Type of: PM2.5

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

```

**Output Options Selected:
Model Outputs Tables of ANNUAL Averages by Receptor
Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
Model Outputs External File(s) of High values for Plotting (PLOTFILE Keyword)

```

**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: Anem. Hgt. (m) = 97.00 ; Decay Coef. = 0.000 ; Rot. Angle = 0.0
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Emission Units = GRAMS/SEC
Output Units = MICROGRAMS/M**3

PM25op.POU.txt
; Emission Rate Unit Factor = 0.10000E+07

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** POINT SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	STACK HEIGHT (METERS)	STACK TEMP. (DEG.K)	STACK EXIT VEL. (M/SEC)	STACK DIAMETER (METERS)	BUILDING EXISTS	EMISSION RATE SCALAR VARY BY
FTI	0	0.13110E-06	365011.0	3766260.0	0.0	12.60	366.00	51.71	0.10	NO	
1 *** ISC3P - VERSION 04269 ***											*** ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0002326	0	0.18100E-09	364844.8	3766209.5	0.0	0.50	3.19	0.23	
L0002327	0	0.18100E-09	364843.6	3766216.2	0.0	0.50	3.19	0.23	
L0002328	0	0.18100E-09	364842.3	3766223.0	0.0	0.50	3.19	0.23	
L0002329	0	0.18100E-09	364841.0	3766229.8	0.0	0.50	3.19	0.23	
L0002330	0	0.18100E-09	364839.8	3766236.5	0.0	0.50	3.19	0.23	
L0002331	0	0.18100E-09	364838.5	3766243.2	0.0	0.50	3.19	0.23	
L0002332	0	0.18100E-09	364837.2	3766250.0	0.0	0.50	3.19	0.23	
L0002333	0	0.31675E-09	364857.3	3766210.8	0.0	0.50	6.10	0.23	
L0002334	0	0.31675E-09	364854.7	3766223.5	0.0	0.50	6.10	0.23	
L0002335	0	0.31675E-09	364852.2	3766236.5	0.0	0.50	6.10	0.23	
L0002336	0	0.31675E-09	364849.6	3766249.5	0.0	0.50	6.10	0.23	
L0002337	0	0.42233E-09	364867.5	3766216.5	0.0	0.50	4.30	0.23	
L0002338	0	0.42233E-09	364865.6	3766225.5	0.0	0.50	4.30	0.23	
L0002339	0	0.42233E-09	364863.7	3766234.5	0.0	0.50	4.30	0.23	
L0002340	0	0.77962E-08	364871.1	3766181.5	0.0	0.50	4.85	0.23	
L0002341	0	0.77962E-08	364868.1	3766191.5	0.0	0.50	4.85	0.23	
L0002342	0	0.77962E-08	364862.6	3766197.8	0.0	0.50	4.14	0.23	
L0002343	0	0.77962E-08	364855.0	3766202.5	0.0	0.50	4.14	0.23	
L0002344	0	0.77962E-08	364849.7	3766213.2	0.0	0.50	6.00	0.23	
L0002345	0	0.77962E-08	364846.7	3766226.0	0.0	0.50	6.00	0.23	
L0002346	0	0.77962E-08	364843.7	3766238.5	0.0	0.50	6.00	0.23	
L0002347	0	0.77962E-08	364840.7	3766251.0	0.0	0.50	6.00	0.23	
L0002348	0	0.77962E-08	364870.5	3766181.5	0.0	0.50	3.87	0.23	
L0002349	0	0.77962E-08	364868.1	3766189.5	0.0	0.50	3.87	0.23	
L0002350	0	0.77962E-08	364863.0	3766196.5	0.0	0.50	4.16	0.23	
L0002351	0	0.77962E-08	364856.0	3766202.0	0.0	0.50	4.16	0.23	
L0002352	0	0.77962E-08	364850.9	3766212.8	0.0	0.50	5.80	0.23	
L0002353	0	0.77962E-08	364847.7	3766225.0	0.0	0.50	5.80	0.23	
L0002354	0	0.77962E-08	364844.6	3766237.0	0.0	0.50	5.80	0.23	
L0002355	0	0.77962E-08	364841.5	3766249.0	0.0	0.50	5.80	0.23	
L0002356	0	0.10395E-07	364870.1	3766182.5	0.0	0.50	6.96	0.23	
L0002357	0	0.10395E-07	364866.9	3766197.0	0.0	0.50	6.96	0.23	
L0002358	0	0.10395E-07	364863.6	3766211.5	0.0	0.50	6.96	0.23	
L0002359	0	0.10395E-07	364860.4	3766226.2	0.0	0.50	6.96	0.23	
L0002360	0	0.10395E-07	364857.1	3766241.0	0.0	0.50	6.96	0.23	
L0002361	0	0.10395E-07	364853.9	3766255.5	0.0	0.50	6.96	0.23	
L0002362	0	0.10395E-07	364870.8	3766182.5	0.0	0.50	6.65	0.23	
L0002363	0	0.10395E-07	364867.7	3766196.5	0.0	0.50	6.65	0.23	
L0002364	0	0.10395E-07	364864.6	3766210.2	0.0	0.50	6.65	0.23	
L0002365	0	0.10395E-07	364861.4	3766224.2	0.0	0.50	6.65	0.23	
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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0002366	0	0.10395E-07	364858.3	3766238.2	0.0	0.50	6.65	0.23	
L0002367	0	0.10395E-07	364855.2	3766252.2	0.0	0.50	6.65	0.23	
L0002368	0	0.10395E-07	364870.6	3766181.0	0.0	0.50	4.76	0.23	
L0002369	0	0.10395E-07	364868.0	3766190.8	0.0	0.50	4.76	0.23	
L0002370	0	0.10395E-07	364869.3	3766199.2	0.0	0.50	4.26	0.23	
L0002371	0	0.10395E-07	364873.2	3766207.5	0.0	0.50	4.26	0.23	
L0002372	0	0.10395E-07	364872.7	3766221.5	0.0	0.50	6.77	0.23	
L0002373	0	0.10395E-07	364869.7	3766235.8	0.0	0.50	6.77	0.23	
L0002374	0	0.10395E-07	364870.3	3766182.8	0.0	0.50	4.95	0.23	
L0002375	0	0.10395E-07	364866.9	3766192.8	0.0	0.50	4.95	0.23	
L0002376	0	0.10395E-07	364868.5	3766200.0	0.0	0.50	3.95	0.23	
L0002377	0	0.10395E-07	364873.8	3766206.8	0.0	0.50	3.95	0.23	
L0002378	0	0.10395E-07	364873.5	3766220.5	0.0	0.50	6.95	0.23	
L0002379	0	0.10395E-07	364869.9	3766235.0	0.0	0.50	6.95	0.23	
L0002488	0	0.13438E-08	365108.5	3766242.5	0.0	1.83	5.95	0.85	
L0002489	0	0.13438E-08	365095.7	3766243.2	0.0	1.83	5.95	0.85	
L0002490	0	0.13438E-08	365083.0	3766244.0	0.0	1.83	5.95	0.85	
L0002491	0	0.13438E-08	365070.2	3766245.0	0.0	1.83	5.95	0.85	
L0002492	0	0.13438E-08	365057.4	3766245.8	0.0	1.83	5.95	0.85	
L0002493	0	0.13438E-08	365044.7	3766246.5	0.0	1.83	5.95	0.85	
L0002494	0	0.13438E-08	365039.4	3766257.5	0.0	1.83	6.81	0.85	
L0002495	0	0.13438E-08	365047.0	3766265.0	0.0	1.83	5.94	0.85	
L0002496	0	0.13438E-08	365058.6	3766270.2	0.0	1.83	5.94	0.85	
L0002497	0	0.13438E-08	365052.5	3766269.8	0.0	1.83	6.33	0.85	
L0002498	0	0.13438E-08	365039.3	3766266.5	0.0	1.83	6.33	0.85	
L0002499	0	0.13438E-08	365026.1	3766263.2	0.0	1.83	6.33	0.85	
L0002500	0	0.13438E-08	365012.8	3766260.0	0.0	1.83	6.33	0.85	
L0002479	0	0.19411E-08	365015.6	3766260.0	0.0	1.83	6.33	0.85	
L0002480	0	0.19411E-08	365029.2	3766260.0	0.0	1.83	6.33	0.85	
L0002481	0	0.19411E-08	365042.8	3766260.2	0.0	1.83	6.33	0.85	
L0002482	0	0.19411E-08	365056.4	3766260.2	0.0	1.83	6.33	0.85	

PM25op.POU.txt
L0002483 0 0.19411E-08 365070.0 3766260.5 0.0 1.83 6.33 0.85
L0002484 0 0.19411E-08 365083.6 3766260.5 0.0 1.83 6.33 0.85
L0002485 0 0.19411E-08 365097.2 3766260.8 0.0 1.83 6.33 0.85
L0002486 0 0.19411E-08 365104.1 3766254.2 0.0 1.83 5.12 0.85
L0002487 0 0.19411E-08 365108.7 3766244.2 0.0 1.83 5.12 0.85
L0002402 0 0.52000E-11 365912.2 3766582.5 0.0 0.50 3.37 0.23
L0002403 0 0.52000E-11 365919.2 3766584.2 0.0 0.50 3.37 0.23
L0002404 0 0.52000E-11 365926.2 3766586.0 0.0 0.50 3.37 0.23
L0002405 0 0.52000E-11 365933.2 3766588.0 0.0 0.50 3.37 0.23
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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 5

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0002406	0	0.52000E-11	365940.2	3766589.8	0.0	0.50	3.37	0.23	
L0002407	0	0.52000E-11	365947.2	3766591.5	0.0	0.50	3.37	0.23	
L0002408	0	0.52000E-11	365954.2	3766593.5	0.0	0.50	3.37	0.23	
L0002409	0	0.52000E-11	365961.2	3766595.2	0.0	0.50	3.37	0.23	
L0002410	0	0.52000E-11	365968.2	3766597.0	0.0	0.50	3.37	0.23	
L0002411	0	0.52000E-11	365975.2	3766599.0	0.0	0.50	3.37	0.23	
L0002412	0	0.52000E-11	365982.2	3766600.8	0.0	0.50	3.37	0.23	
L0002413	0	0.52000E-11	365989.3	3766602.5	0.0	0.50	3.37	0.23	
L0002414	0	0.52000E-11	365996.3	3766604.5	0.0	0.50	3.37	0.23	
L0002415	0	0.52000E-11	366003.3	3766606.2	0.0	0.50	3.37	0.23	
L0002416	0	0.52000E-11	366010.3	3766608.0	0.0	0.50	3.37	0.23	
L0002417	0	0.52000E-11	366017.3	3766610.0	0.0	0.50	3.37	0.23	
L0002418	0	0.52000E-11	366024.3	3766611.8	0.0	0.50	3.37	0.23	
L0002419	0	0.52000E-11	366031.3	3766613.5	0.0	0.50	3.37	0.23	
L0002420	0	0.52000E-11	366038.4	3766615.5	0.0	0.50	3.37	0.23	
L0002421	0	0.52000E-11	366045.4	3766617.2	0.0	0.50	3.37	0.23	
L0002422	0	0.52000E-11	366052.4	3766619.0	0.0	0.50	3.37	0.23	
L0002423	0	0.52000E-11	366059.4	3766621.0	0.0	0.50	3.37	0.23	
L0002424	0	0.52000E-11	366066.4	3766622.8	0.0	0.50	3.37	0.23	
L0002425	0	0.52000E-11	366073.4	3766624.8	0.0	0.50	3.37	0.23	
L0002426	0	0.52000E-11	366080.4	3766626.5	0.0	0.50	3.37	0.23	
L0002427	0	0.52000E-11	366087.4	3766628.2	0.0	0.50	3.37	0.23	
L0002428	0	0.52000E-11	366094.4	3766630.2	0.0	0.50	3.37	0.23	
L0002429	0	0.52000E-11	366101.5	3766632.0	0.0	0.50	3.37	0.23	
L0002430	0	0.52000E-11	366108.5	3766633.8	0.0	0.50	3.37	0.23	
L0002431	0	0.52000E-11	366115.5	3766635.8	0.0	0.50	3.37	0.23	
L0002432	0	0.52000E-11	366122.5	3766637.5	0.0	0.50	3.37	0.23	
L0002433	0	0.52000E-11	366129.5	3766639.2	0.0	0.50	3.37	0.23	
L0002434	0	0.52000E-11	366136.5	3766641.2	0.0	0.50	3.37	0.23	
L0002435	0	0.52000E-11	366143.5	3766643.0	0.0	0.50	3.37	0.23	
L0002436	0	0.52000E-11	366150.5	3766645.0	0.0	0.50	3.37	0.23	
L0002437	0	0.52000E-11	366157.5	3766646.8	0.0	0.50	3.37	0.23	
L0002438	0	0.52000E-11	366164.5	3766648.5	0.0	0.50	3.37	0.23	
L0002439	0	0.52000E-11	366171.6	3766650.5	0.0	0.50	3.37	0.23	
L0002440	0	0.52000E-11	366178.6	3766652.2	0.0	0.50	3.37	0.23	
L0002441	0	0.52000E-11	366185.6	3766654.0	0.0	0.50	3.37	0.23	
L0002442	0	0.52000E-11	366192.6	3766656.0	0.0	0.50	3.37	0.23	
L0002443	0	0.52000E-11	366199.6	3766657.8	0.0	0.50	3.37	0.23	
L0002444	0	0.52000E-11	366206.6	3766659.5	0.0	0.50	3.37	0.23	
L0002445	0	0.52000E-11	366213.6	3766661.5	0.0	0.50	3.37	0.23	
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0002446	0	0.52000E-11	366220.6	3766663.2	0.0	0.50	3.37	0.23	
L0002447	0	0.52000E-11	366227.6	3766665.0	0.0	0.50	3.37	0.23	
L0002448	0	0.52000E-11	366234.6	3766667.0	0.0	0.50	3.37	0.23	
L0002449	0	0.52000E-11	366241.7	3766668.8	0.0	0.50	3.37	0.23	
L0002450	0	0.52000E-11	366248.7	3766670.5	0.0	0.50	3.37	0.23	
L0002451	0	0.52000E-11	366255.7	3766672.5	0.0	0.50	3.37	0.23	
L0002452	0	0.52000E-11	366262.7	3766674.2	0.0	0.50	3.37	0.23	
L0002453	0	0.52000E-11	366269.7	3766676.0	0.0	0.50	3.37	0.23	
L0002454	0	0.52000E-11	366276.7	3766678.0	0.0	0.50	3.37	0.23	
L0002455	0	0.52000E-11	366283.7	3766679.8	0.0	0.50	3.37	0.23	
L0002456	0	0.52000E-11	366290.7	3766681.5	0.0	0.50	3.37	0.23	
L0002457	0	0.52000E-11	366297.7	3766683.5	0.0	0.50	3.37	0.23	
L0002458	0	0.52000E-11	366304.7	3766685.2	0.0	0.50	3.37	0.23	
L0002459	0	0.52000E-11	366311.8	3766687.0	0.0	0.50	3.37	0.23	
L0002460	0	0.52000E-11	366318.8	3766689.0	0.0	0.50	3.37	0.23	
L0002461	0	0.52000E-11	366325.8	3766690.8	0.0	0.50	3.37	0.23	
L0002462	0	0.52000E-11	366332.8	3766692.5	0.0	0.50	3.37	0.23	
L0002463	0	0.52000E-11	366339.8	3766694.5	0.0	0.50	3.37	0.23	
L0002464	0	0.52000E-11	366346.8	3766696.2	0.0	0.50	3.37	0.23	
L0002465	0	0.52000E-11	366353.8	3766698.0	0.0	0.50	3.37	0.23	
L0002466	0	0.52000E-11	366360.8	3766700.0	0.0	0.50	3.37	0.23	
L0002467	0	0.52000E-11	366367.8	3766701.8	0.0	0.50	3.37	0.23	
L0002468	0	0.52000E-11	366374.8	3766703.5	0.0	0.50	3.37	0.23	
L0002469	0	0.52000E-11	366381.9	3766705.5	0.0	0.50	3.37	0.23	
L0002470	0	0.52000E-11	366388.9	3766707.2	0.0	0.50	3.37	0.23	
L0002471	0	0.52000E-11	366395.9	3766709.0	0.0	0.50	3.37	0.23	
L0002472	0	0.52000E-11	366402.9	3766711.0	0.0	0.50	3.37	0.23	
L0002473	0	0.52000E-11	366409.9	3766712.8	0.0	0.50	3.37	0.23	
L0002474	0	0.52000E-11	366416.9	3766714.5	0.0	0.50	3.37	0.23	
L0002475	0	0.52000E-11	366423.9	3766716.5	0.0	0.50	3.37	0.23	
L0002476	0	0.52000E-11	366430.9	3766718.2	0.0	0.50	3.37	0.23	
L0002477	0	0.52000E-11	366437.9	3766720.2	0.0	0.50	3.37	0.23	
L0002478	0	0.52000E-11	366445.0	3766722.0	0.0	0.50	3.37	0.23	
L0002501	0	0.78510E-11	365832.7	3766564.5	0.0	0.50	3.38	0.23	
L0002502	0	0.78510E-11	365825.7	3766562.5	0.0	0.50	3.38	0.23	
L0002503	0	0.78510E-11	365818.6	3766560.5	0.0	0.50	3.38	0.23	
L0002504	0	0.78510E-11	365811.6	3766558.5	0.0	0.50	3.38	0.23	
L0002505	0	0.78510E-11	365804.6	3766556.8	0.0	0.50	3.38	0.23	
L0002506	0	0.78510E-11	365797.6	3766554.8	0.0	0.50	3.38	0.23	
L0002507	0	0.78510E-11	365790.6	3766552.8	0.0	0.50	3.38	0.23	
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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0002508	0	0.78510E-11	365783.6	3766551.0	0.0	0.50	3.38	0.23	
L0002509	0	0.78510E-11	365776.6	3766549.0	0.0	0.50	3.38	0.23	
L0002510	0	0.78510E-11	365769.6	3766547.0	0.0	0.50	3.38	0.23	
L0002511	0	0.78510E-11	365762.5	3766545.0	0.0	0.50	3.38	0.23	
L0002512	0	0.78510E-11	365755.5	3766543.0	0.0	0.50	3.38	0.23	
L0002513	0	0.78510E-11	365748.5	3766541.2	0.0	0.50	3.38	0.23	
L0002514	0	0.78510E-11	365741.5	3766539.2	0.0	0.50	3.38	0.23	
L0002515	0	0.78510E-11	365734.5	3766537.2	0.0	0.50	3.38	0.23	
L0002516	0	0.78510E-11	365727.5	3766535.5	0.0	0.50	3.38	0.23	
L0002517	0	0.78510E-11	365720.5	3766533.5	0.0	0.50	3.38	0.23	
L0002518	0	0.78510E-11	365713.5	3766531.5	0.0	0.50	3.38	0.23	
L0002519	0	0.78510E-11	365706.4	3766529.5	0.0	0.50	3.38	0.23	
L0002520	0	0.78510E-11	365699.4	3766527.5	0.0	0.50	3.38	0.23	
L0002521	0	0.78510E-11	365692.4	3766525.8	0.0	0.50	3.38	0.23	
L0002522	0	0.78510E-11	365685.4	3766523.8	0.0	0.50	3.38	0.23	
L0002523	0	0.78510E-11	365678.4	3766521.8	0.0	0.50	3.38	0.23	
L0002524	0	0.78510E-11	365671.4	3766519.8	0.0	0.50	3.38	0.23	
L0002525	0	0.78510E-11	365664.4	3766518.0	0.0	0.50	3.38	0.23	
L0002526	0	0.78510E-11	365657.3	3766516.0	0.0	0.50	3.38	0.23	
L0002527	0	0.78510E-11	365650.3	3766514.0	0.0	0.50	3.38	0.23	
L0002528	0	0.78510E-11	365643.3	3766512.0	0.0	0.50	3.38	0.23	
L0002529	0	0.78510E-11	365636.3	3766510.0	0.0	0.50	3.38	0.23	
L0002530	0	0.78510E-11	365629.3	3766508.2	0.0	0.50	3.38	0.23	
L0002531	0	0.78510E-11	365622.2	3766506.2	0.0	0.50	3.38	0.23	
L0002532	0	0.78510E-11	365615.2	3766504.2	0.0	0.50	3.38	0.23	
L0002533	0	0.78510E-11	365608.2	3766502.5	0.0	0.50	3.38	0.23	
L0002534	0	0.78510E-11	365601.2	3766500.5	0.0	0.50	3.38	0.23	
L0002535	0	0.78510E-11	365594.2	3766498.5	0.0	0.50	3.38	0.23	
L0002536	0	0.78510E-11	365587.2	3766496.5	0.0	0.50	3.38	0.23	
L0002537	0	0.78510E-11	365580.2	3766494.5	0.0	0.50	3.38	0.23	
L0002538	0	0.78510E-11	365573.2	3766492.8	0.0	0.50	3.38	0.23	
L0002539	0	0.78510E-11	365566.2	3766490.8	0.0	0.50	3.38	0.23	
L0002540	0	0.78510E-11	365559.2	3766488.8	0.0	0.50	3.38	0.23	
L0002541	0	0.78510E-11	365552.1	3766486.8	0.0	0.50	3.38	0.23	
L0002542	0	0.78510E-11	365545.1	3766485.0	0.0	0.50	3.38	0.23	
L0002543	0	0.78510E-11	365538.1	3766483.0	0.0	0.50	3.38	0.23	
L0002544	0	0.78510E-11	365531.1	3766481.0	0.0	0.50	3.38	0.23	
L0002545	0	0.78510E-11	365524.1	3766479.0	0.0	0.50	3.38	0.23	
L0002546	0	0.78510E-11	365517.1	3766477.0	0.0	0.50	3.38	0.23	
L0002547	0	0.78510E-11	365510.1	3766475.2	0.0	0.50	3.38	0.23	

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*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0002548	0	0.78510E-11	365503.1	3766473.2	0.0	0.50	3.38	0.23	
L0002549	0	0.78510E-11	365496.0	3766471.2	0.0	0.50	3.38	0.23	
L0002550	0	0.78510E-11	365489.0	3766469.5	0.0	0.50	3.38	0.23	
L0002551	0	0.78510E-11	365482.0	3766467.5	0.0	0.50	3.38	0.23	
L0002552	0	0.2267E-07	365464.2	3766467.2	0.0	0.50	5.44	0.23	
L0002553	0	0.2267E-07	365474.8	3766472.2	0.0	0.50	5.44	0.23	
L0002554	0	0.2267E-07	365491.1	3766477.5	0.0	0.50	8.01	0.23	
L0002555	0	0.2267E-07	365507.7	3766482.0	0.0	0.50	8.01	0.23	
L0002556	0	0.2267E-07	365524.2	3766486.8	0.0	0.50	8.01	0.23	
L0002557	0	0.2267E-07	365540.9	3766491.2	0.0	0.50	8.01	0.23	
L0002558	0	0.2267E-07	365557.5	3766496.0	0.0	0.50	8.01	0.23	
L0002559	0	0.2267E-07	365574.1	3766500.5	0.0	0.50	8.01	0.23	
L0002560	0	0.2267E-07	365590.7	3766505.0	0.0	0.50	8.01	0.23	
L0002561	0	0.2267E-07	365607.2	3766509.5	0.0	0.50	8.01	0.23	
L0002562	0	0.2267E-07	365623.8	3766514.2	0.0	0.50	8.01	0.23	
L0002563	0	0.2267E-07	365640.4	3766518.8	0.0	0.50	8.01	0.23	
L0002564	0	0.2267E-07	365657.0	3766523.2	0.0	0.50	8.01	0.23	
L0002565	0	0.2267E-07	365673.6	3766528.0	0.0	0.50	8.01	0.23	
L0002566	0	0.2267E-07	365690.2	3766532.5	0.0	0.50	8.01	0.23	
L0002567	0	0.2267E-07	365706.8	3766537.0	0.0	0.50	8.01	0.23	
L0002568	0	0.2267E-07	365723.4	3766541.8	0.0	0.50	8.01	0.23	
L0002569	0	0.2267E-07	365740.0	3766546.2	0.0	0.50	8.01	0.23	
L0002570	0	0.2357E-07	365880.2	3766575.0	0.0	0.50	6.93	0.23	
L0002571	0	0.2357E-07	365865.3	3766575.0	0.0	0.50	6.93	0.23	
L0002572	0	0.2357E-07	365850.4	3766575.0	0.0	0.50	6.93	0.23	
L0002573	0	0.2357E-07	365832.9	3766571.5	0.0	0.50	8.35	0.23	
L0002574	0	0.2357E-07	365815.6	3766566.8	0.0	0.50	8.35	0.23	
L0002575	0	0.2357E-07	365798.3	3766562.0	0.0	0.50	8.35	0.23	
L0002576	0	0.2357E-07	365781.0	3766557.5	0.0	0.50	8.35	0.23	
L0002577	0	0.2357E-07	365763.7	3766552.8	0.0	0.50	8.35	0.23	
L0002578	0	0.2357E-07	365746.3	3766548.0	0.0	0.50	8.35	0.23	
L0002579	0	0.2357E-07	365729.0	3766543.5	0.0	0.50	8.35	0.23	
L0002580	0	0.2357E-07	365711.7	3766538.8	0.0	0.50	8.35	0.23	
L0002581	0	0.2357E-07	365694.4	3766534.0	0.0	0.50	8.35	0.23	
L0002582	0	0.2357E-07	365677.0	3766529.5	0.0	0.50	8.35	0.23	
L0002583	0	0.2357E-07	365659.7	3766524.8	0.0	0.50	8.35	0.23	
L0002584	0	0.2357E-07	365642.4	3766520.0	0.0	0.50	8.35	0.23	
L0002585	0	0.2357E-07	365625.1	3766515.2	0.0	0.50	8.35	0.23	
L0002586	0	0.2357E-07	365607.8	3766510.5	0.0	0.50	8.35	0.23	
L0002587	0	0.16032E-07	365898.6	3766579.0	0.0	0.50	2.80	0.23	

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*** VOLUME SOURCE DATA ***

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

ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	PM25op.POU.txt (METERS)	(METERS)	BY
L0002588	0	0.16032E-07	365901.1	3766584.5	0.0	0.50	2.80	0.23
L0002589	0	0.16032E-07	365916.1	3766592.0	0.0	0.50	8.39	0.23
L0002590	0	0.16032E-07	365933.5	3766596.8	0.0	0.50	8.39	0.23
L0002591	0	0.16032E-07	365950.9	3766601.5	0.0	0.50	8.39	0.23
L0002592	0	0.16032E-07	365968.4	3766606.0	0.0	0.50	8.39	0.23
L0002593	0	0.16032E-07	365985.8	3766610.5	0.0	0.50	8.39	0.23
L0002594	0	0.16032E-07	366003.2	3766615.2	0.0	0.50	8.39	0.23
L0002595	0	0.16032E-07	366020.6	3766620.0	0.0	0.50	8.39	0.23
L0002596	0	0.16032E-07	366038.1	3766624.5	0.0	0.50	8.39	0.23
L0002597	0	0.16032E-07	366055.5	3766629.0	0.0	0.50	8.39	0.23
L0002598	0	0.16032E-07	366072.9	3766633.8	0.0	0.50	8.39	0.23
L0002599	0	0.16032E-07	366090.4	3766638.2	0.0	0.50	8.39	0.23
L0002600	0	0.16032E-07	366107.8	3766643.0	0.0	0.50	8.39	0.23
L0002601	0	0.16032E-07	366125.2	3766647.5	0.0	0.50	8.39	0.23
L0002602	0	0.16032E-07	366142.7	3766652.2	0.0	0.50	8.39	0.23
L0002603	0	0.16032E-07	366160.1	3766656.8	0.0	0.50	8.39	0.23
L0002604	0	0.16032E-07	366177.5	3766661.5	0.0	0.50	8.39	0.23
L0002605	0	0.16032E-07	366194.9	3766666.0	0.0	0.50	8.39	0.23
L0002606	0	0.16032E-07	366212.4	3766670.8	0.0	0.50	8.39	0.23
L0002607	0	0.16032E-07	366229.8	3766675.2	0.0	0.50	8.39	0.23
L0002608	0	0.16032E-07	366247.2	3766680.0	0.0	0.50	8.39	0.23
L0002609	0	0.16032E-07	366264.7	3766684.5	0.0	0.50	8.39	0.23
L0002610	0	0.16032E-07	366282.1	3766689.2	0.0	0.50	8.39	0.23
L0002611	0	0.16032E-07	366299.5	3766693.8	0.0	0.50	8.39	0.23
L0002612	0	0.14314E-07	366482.4	3766733.2	0.0	0.50	7.68	0.23
L0002613	0	0.14314E-07	366465.9	3766732.0	0.0	0.50	7.68	0.23
L0002614	0	0.14314E-07	366449.4	3766731.0	0.0	0.50	7.68	0.23
L0002615	0	0.14314E-07	366432.2	3766727.5	0.0	0.50	8.21	0.23
L0002616	0	0.14314E-07	366415.1	3766723.0	0.0	0.50	8.21	0.23
L0002617	0	0.14314E-07	366398.0	3766718.5	0.0	0.50	8.21	0.23
L0002618	0	0.14314E-07	366380.9	3766714.2	0.0	0.50	8.21	0.23
L0002619	0	0.14314E-07	366363.8	3766709.8	0.0	0.50	8.21	0.23
L0002620	0	0.14314E-07	366346.7	3766705.5	0.0	0.50	8.21	0.23
L0002621	0	0.14314E-07	366329.6	3766701.0	0.0	0.50	8.21	0.23
L0002622	0	0.14314E-07	366312.5	3766696.5	0.0	0.50	8.21	0.23
L0002623	0	0.14314E-07	366295.4	3766692.2	0.0	0.50	8.21	0.23
L0002624	0	0.14314E-07	366278.3	3766687.8	0.0	0.50	8.21	0.23
L0002625	0	0.14314E-07	366261.2	3766683.5	0.0	0.50	8.21	0.23
L0002626	0	0.14314E-07	366244.1	3766679.0	0.0	0.50	8.21	0.23
L0002627	0	0.14314E-07	366227.1	3766674.5	0.0	0.50	8.21	0.23

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 **MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 10

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
L0002628	0	0.14314E-07	366210.0	3766670.2	0.0	0.50	8.21	0.23	
L0002629	0	0.14314E-07	366192.9	3766665.8	0.0	0.50	8.21	0.23	
L0002630	0	0.14314E-07	366175.8	3766661.5	0.0	0.50	8.21	0.23	
L0002631	0	0.14314E-07	366158.7	3766657.0	0.0	0.50	8.21	0.23	
L0002632	0	0.14314E-07	366141.6	3766652.5	0.0	0.50	8.21	0.23	
L0002633	0	0.14314E-07	366124.5	3766648.2	0.0	0.50	8.21	0.23	
L0002634	0	0.14314E-07	366107.4	3766643.8	0.0	0.50	8.21	0.23	
L0002635	0	0.14314E-07	366090.3	3766639.5	0.0	0.50	8.21	0.23	
L0002636	0	0.14314E-07	366073.2	3766635.0	0.0	0.50	8.21	0.23	
L0002637	0	0.14314E-07	366056.1	3766630.5	0.0	0.50	8.21	0.23	
L0002638	0	0.14314E-07	366039.0	3766626.2	0.0	0.50	8.21	0.23	
L0002639	0	0.14314E-07	366021.9	3766621.8	0.0	0.50	8.21	0.23	

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*** SOURCE IDS DEFINING SOURCE GROUPS ***

GROUP ID	SOURCE IDS
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L0002636, L0002637, L0002638, L0002639, FTI
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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZFLAG)
(METERS)

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(365171.6, 3766136.8, 0.0, 0.0);	(364901.5, 3765939.2, 0.0, 0.0);
(364943.2, 3765956.5, 0.0, 0.0);	(365049.2, 3765981.8, 0.0, 0.0);
(365196.0, 3766026.2, 0.0, 0.0);	(365319.3, 3766299.0, 0.0, 0.0);
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(365416.2, 3766100.5, 0.0, 0.0);	(365711.6, 3766502.0, 0.0, 0.0);
(366498.2, 3766709.2, 0.0, 0.0);	(365730.5, 3766430.2, 0.0, 0.0);
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(364733.7, 3766142.0, 0.0, 0.0);	(364753.7, 3766142.0, 0.0, 0.0);
(364773.7, 3766142.0, 0.0, 0.0);	(364793.7, 3766142.0, 0.0, 0.0);
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(365573.7, 3766142.0, 0.0, 0.0);	(365593.7, 3766142.0, 0.0, 0.0);
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(365693.7, 3766142.0, 0.0, 0.0);	(365713.7, 3766142.0, 0.0, 0.0);
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(365893.7, 3766142.0, 0.0, 0.0);	(365913.7, 3766142.0, 0.0, 0.0);
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**MODELOPTS: CONC

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

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*** DISCRETE CARTESIAN RECEPTORS ***

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URBAN FLAT DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***

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URBAN FLAT DFAULT

*** DISCRETE CARTESIAN RECEPTORS ***

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

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

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DEFAULT

DEFAULT

DEFAULT

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

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

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0002331	364833.7	3766242.0	-1.86
L0002333	364853.7	3766202.0	-3.63
L0002333	364853.7	3766222.0	-1.29
L0002334	364853.7	3766222.0	-11.28
L0002335	364853.7	3766242.0	-7.41
L0002336	364853.7	3766242.0	-4.59
L0002336	364853.7	3766262.0	0.03
L0002337	364873.7	3766222.0	-1.01
L0002338	364873.7	3766222.0	-0.48
L0002340	364873.7	3766182.0	-7.85
L0002341	364873.7	3766182.0	0.58
L0002343	364853.7	3766202.0	-7.47
L0002344	364853.7	3766202.0	-0.96
L0002344	364853.7	3766222.0	-3.28
L0002345	364833.7	3766222.0	0.70
L0002345	364853.7	3766222.0	-4.84
L0002346	364833.7	3766242.0	-2.28
L0002346	364853.7	3766242.0	-2.33
L0002347	364833.7	3766242.0	-1.46
L0002347	364833.7	3766262.0	0.17
L0002348	364873.7	3766182.0	-5.12
L0002351	364853.7	3766202.0	-6.57
L0002352	364853.7	3766202.0	-1.37
L0002352	364853.7	3766222.0	-2.82
L0002353	364853.7	3766222.0	-5.82
L0002354	364833.7	3766242.0	-0.44
L0002354	364853.7	3766242.0	-2.12
L0002355	364833.7	3766242.0	-1.98
L0002356	364873.7	3766182.0	-11.37
L0002357	364853.7	3766202.0	-0.83
L0002357	364873.7	3766202.0	-6.54
L0002358	364853.7	3766202.0	-1.19
L0002358	364873.7	3766202.0	-1.15
L0002358	364853.7	3766222.0	-0.49
L0002358	364873.7	3766222.0	-0.44
L0002359	364853.7	3766222.0	-7.01
L0002359	364873.7	3766222.0	-1.02
L0002360	364853.7	3766242.0	-11.35
L0002361	364853.7	3766242.0	-1.46
L0002361	364853.7	3766262.0	-8.46

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0002362	364873.7	3766182.0	-11.35
L0002363	364853.7	3766202.0	0.74
L0002363	364873.7	3766202.0	-6.16
L0002364	364853.7	3766202.0	-0.62
L0002364	364873.7	3766202.0	-2.02
L0002364	364873.7	3766222.0	0.56
L0002365	364853.7	3766222.0	-6.20
L0002365	364873.7	3766222.0	-1.87
L0002366	364853.7	3766242.0	-8.29
L0002367	364853.7	3766242.0	-3.93
L0002367	364853.7	3766262.0	-4.42
L0002368	364873.7	3766182.0	-7.01
L0002369	364873.7	3766182.0	0.20
L0002370	364873.7	3766202.0	-3.99
L0002371	364873.7	3766202.0	-3.64
L0002372	364873.7	3766222.0	-13.47
L0002373	364873.7	3766222.0	-0.24
L0002373	364873.7	3766242.0	-7.15
L0002374	364873.7	3766182.0	-7.25
L0002375	364873.7	3766202.0	0.83
L0002376	364873.7	3766202.0	-2.99
L0002377	364873.7	3766202.0	-3.74
L0002378	364873.7	3766222.0	-13.43
L0002379	364873.7	3766222.0	-1.40
L0002379	364873.7	3766242.0	-6.99
L0002488	365113.7	3766242.0	-7.58
L0002489	365093.7	3766242.0	-10.41
L0002490	365073.7	3766242.0	-3.27
L0002490	365093.7	3766242.0	-1.92
L0002491	365073.7	3766242.0	-8.21
L0002492	365053.7	3766242.0	-7.47
L0002493	365033.7	3766242.0	-0.91
L0002493	365053.7	3766242.0	-2.73
L0002494	365033.7	3766262.0	-7.34
L0002494	365053.7	3766262.0	0.30
L0002495	365033.7	3766262.0	0.91
L0002495	365053.7	3766262.0	-5.47
L0002496	365053.7	3766262.0	-3.17
L0002496	365053.7	3766282.0	-0.04
L0002497	365053.7	3766262.0	-5.77

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR XR (METERS)	LOCATION -- YR (METERS)	DISTANCE (METERS)
L0002497	365053.7	3766282.0	-1.31
L0002498	365033.7	3766262.0	-6.41
L0002499	365013.7	3766262.0	-1.14
L0002499	365033.7	3766262.0	-5.91
L0002500	365013.7	3766262.0	-11.45
L0002479	365013.7	3766262.0	-10.82
L0002480	365033.7	3766262.0	-8.71
L0002481	365033.7	3766262.0	-4.29
L0002481	365053.7	3766262.0	-2.63
L0002482	365053.7	3766262.0	-10.35
L0002483	365073.7	3766262.0	-9.66
L0002484	365073.7	3766262.0	-3.56
L0002484	365093.7	3766262.0	-3.44
L0002485	365093.7	3766262.0	-9.83
L0002487	365113.7	3766242.0	-5.55
L0002402	365913.7	3766582.0	-5.66
L0002403	365913.7	3766582.0	-1.27
L0002405	365933.7	3766582.0	-1.23
L0002410	365973.7	3766602.0	0.12
L0002411	365973.7	3766602.0	-3.85
L0002413	365993.7	3766602.0	-2.84
L0002414	365993.7	3766602.0	-3.62
L0002416	366013.7	3766602.0	-0.38
L0002420	366033.7	3766622.0	0.79
L0002422	366053.7	3766622.0	-3.98
L0002423	366053.7	3766622.0	-1.41
L0002424	366073.7	3766622.0	0.04
L0002425	366073.7	3766622.0	-4.48
L0002426	366073.7	3766622.0	0.89
L0002431	366113.7	3766642.0	-0.74
L0002433	366133.7	3766642.0	-2.26
L0002434	366133.7	3766642.0	-4.30
L0002436	366153.7	3766642.0	-2.91
L0002437	366153.7	3766642.0	-1.12
L0002442	366193.7	3766662.0	-1.15
L0002443	366193.7	3766662.0	0.06
L0002444	366213.7	3766662.0	0.25
L0002445	366213.7	3766662.0	-6.74
L0002446	366213.7	3766662.0	-0.17
L0002447	366233.7	3766662.0	-0.51

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR XR (METERS)	LOCATION -- YR (METERS)	DISTANCE (METERS)
L0002448	366233.7	3766662.0	-2.15
L0002453	366273.7	3766682.0	-0.05
L0002454	366273.7	3766682.0	-2.23
L0002456	366293.7	3766682.0	-4.27
L0002457	366293.7	3766682.0	-2.91
L0002459	366313.7	3766682.0	-1.89
L0002465	366353.7	3766702.0	-3.24
L0002466	366353.7	3766702.0	0.22
L0002467	366373.7	3766702.0	-1.43
L0002468	366373.7	3766702.0	-5.33
L0002470	366393.7	3766702.0	-0.14
L0002471	366393.7	3766702.0	0.10
L0002474	366413.7	3766722.0	0.93
L0002476	366433.7	3766722.0	-2.61
L0002477	366433.7	3766722.0	-2.62
L0002501	365833.7	3766562.0	-4.57
L0002502	365833.7	3766562.0	0.75
L0002503	365813.7	3766562.0	-2.08
L0002504	365813.7	3766562.0	-3.22
L0002506	365793.7	3766562.0	0.98
L0002509	365773.7	3766542.0	0.31
L0002510	365773.7	3766542.0	-0.80
L0002512	365753.7	3766542.0	-5.14
L0002513	365753.7	3766542.0	-2.06
L0002515	365733.7	3766542.0	-2.44
L0002520	365693.7	3766522.0	0.71
L0002521	365693.7	3766522.0	-3.31
L0002523	365673.7	3766522.0	-2.51
L0002524	365673.7	3766522.0	-4.06
L0002526	365653.7	3766522.0	-0.22
L0002530	365633.7	3766502.0	0.36
L0002532	365613.7	3766502.0	-4.51
L0002533	365613.7	3766502.0	-1.84
L0002534	365593.7	3766502.0	0.44
L0002535	365593.7	3766502.0	-3.72
L0002541	365553.7	3766482.0	-2.28
L0002543	365533.7	3766482.0	-2.72
L0002544	365533.7	3766482.0	-4.52
L0002546	365513.7	3766482.0	-1.22
L0002547	365513.7	3766482.0	0.38

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	-- RECEPTOR XR (METERS)	LOCATION -- YR (METERS)	DISTANCE (METERS)
L0002552	365453.7	3766462.0	0.07
L0002552	365473.7	3766462.0	-0.87
L0002553	365473.7	3766462.0	-1.39
L0002553	365473.7	3766482.0	-1.88
L0002554	365493.7	3766462.0	-1.51
L0002554	365473.7	3766482.0	0.76
L0002554	365493.7	3766482.0	-12.03

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L0002555	365493.7	3766482.0	-3.22
L0002555	365513.7	3766482.0	-11.22
L0002556	365513.7	3766482.0	-5.61
L0002556	365533.7	3766482.0	-6.68
L0002556	365533.7	3766502.0	0.70
L0002557	365533.7	3766482.0	-5.49
L0002557	365533.7	3766482.0	-1.44
L0002557	365533.7	3766502.0	-4.27
L0002557	365533.7	3766502.0	-0.52
L0002558	365533.7	3766482.0	-2.71
L0002558	365533.7	3766502.0	-10.11
L0002558	365573.7	3766502.0	0.04
L0002559	365573.7	3766502.0	-15.67
L0002560	365573.7	3766502.0	0.04
L0002560	365593.7	3766502.0	-12.98
L0002560	365593.7	3766522.0	0.04
L0002561	365593.7	3766502.0	-1.70
L0002561	365613.7	3766502.0	-7.36
L0002561	365613.7	3766522.0	-3.18
L0002562	365613.7	3766502.0	-1.29
L0002562	365633.7	3766502.0	-1.53
L0002562	365613.7	3766522.0	-4.42
L0002562	365633.7	3766522.0	-4.72
L0002563	365633.7	3766502.0	0.85
L0002563	365633.7	3766522.0	-9.70
L0002563	365653.7	3766522.0	-3.61
L0002564	365653.7	3766522.0	-13.62
L0002564	365673.7	3766522.0	-0.55
L0002565	365673.7	3766522.0	-11.22
L0002565	365673.7	3766542.0	-3.22
L0002566	365693.7	3766522.0	-6.17
L0002566	365693.7	3766542.0	-7.12
L0002567	365713.7	3766522.0	-0.75

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0002567	365693.7	3766542.0	-3.12
L0002567	365713.7	3766542.0	-8.77
L0002568	365713.7	3766542.0	-7.44
L0002568	365733.7	3766542.0	-7.00
L0002569	365733.7	3766542.0	-9.56
L0002569	365753.7	3766542.0	-2.95
L0002569	365733.7	3766562.0	-0.23
L0002570	365873.7	3766562.0	-0.35
L0002570	365873.7	3766582.0	-5.33
L0002570	365893.7	3766582.0	0.28
L0002571	365873.7	3766562.0	0.55
L0002571	365853.7	3766582.0	-1.30
L0002571	365873.7	3766582.0	-4.01
L0002572	365853.7	3766562.0	-1.50
L0002572	365853.7	3766582.0	-7.18
L0002573	365833.7	3766562.0	-8.43
L0002573	365833.7	3766582.0	-7.43
L0002574	365813.7	3766562.0	-12.82
L0002574	365833.7	3766562.0	0.72
L0002574	365813.7	3766582.0	-2.58
L0002575	365793.7	3766562.0	-13.33
L0002575	365813.7	3766562.0	-2.58
L0002576	365773.7	3766542.0	-0.81
L0002576	365773.7	3766562.0	-9.37
L0002576	365793.7	3766562.0	-4.49
L0002577	365753.7	3766542.0	-3.27
L0002577	365773.7	3766542.0	-3.27
L0002577	365753.7	3766562.0	-4.33
L0002577	365773.7	3766562.0	-4.33
L0002578	365733.7	3766542.0	-3.92
L0002578	365753.7	3766542.0	-8.49
L0002578	365733.7	3766562.0	0.94
L0002578	365753.7	3766562.0	-2.16
L0002579	365713.7	3766542.0	-2.54
L0002579	365733.7	3766542.0	-13.06
L0002580	365713.7	3766522.0	-1.09
L0002580	365693.7	3766542.0	0.37
L0002580	365713.7	3766542.0	-14.15
L0002581	365693.7	3766522.0	-5.93
L0002581	365693.7	3766542.0	-9.92

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0002582	365673.7	3766522.0	-9.73
L0002582	365693.7	3766522.0	0.29
L0002582	365673.7	3766542.0	-5.00
L0002583	365653.7	3766522.0	-11.30
L0002583	365673.7	3766522.0	-3.75
L0002583	365653.7	3766542.0	0.33
L0002584	365633.7	3766522.0	-8.98
L0002584	365653.7	3766522.0	-6.53
L0002585	365613.7	3766502.0	-0.47
L0002585	365633.7	3766502.0	-2.16
L0002585	365613.7	3766522.0	-4.70
L0002585	365633.7	3766522.0	-7.02
L0002586	365593.7	3766502.0	-1.49
L0002586	365613.7	3766502.0	-7.60
L0002586	365593.7	3766522.0	0.24
L0002586	365613.7	3766522.0	-5.02
L0002587	365893.7	3766582.0	-0.24
L0002589	365913.7	3766582.0	-7.75
L0002589	365913.7	3766602.0	-7.75

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L0002590	365933.7	3766582.0	-3.29
L0002590	365933.7	3766602.0	-12.79
L0002591	365933.7	3766602.0	-0.75
L0002591	365953.7	3766602.0	-15.27
L0002592	365953.7	3766602.0	-2.79
L0002592	365973.7	3766602.0	-11.41
L0002592	365973.7	3766622.0	-1.19
L0002593	365973.7	3766602.0	-3.23
L0002593	365993.7	3766602.0	-6.45
L0002593	365973.7	3766622.0	-1.33
L0002593	365993.7	3766622.0	-4.10
L0002594	365993.7	3766602.0	-1.72
L0002594	366013.7	3766602.0	-1.15
L0002594	365993.7	3766622.0	-6.36
L0002594	366013.7	3766622.0	-5.58
L0002595	366013.7	3766622.0	-10.79
L0002595	366033.7	3766622.0	-4.85
L0002596	366033.7	3766622.0	-12.97
L0002596	366053.7	3766622.0	-2.25
L0002596	366033.7	3766642.0	0.01
L0002597	366053.7	3766622.0	-10.80

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* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0002597	366053.7	3766642.0	-4.91
L0002598	366073.7	3766622.0	-6.27
L0002598	366073.7	3766642.0	-9.76
L0002599	366093.7	3766622.0	-1.46
L0002599	366073.7	3766642.0	-0.90
L0002599	366093.7	3766642.0	-13.06
L0002600	366093.7	3766642.0	-3.88
L0002600	366113.7	3766642.0	-12.08
L0002601	366113.7	3766642.0	-5.23
L0002601	366133.7	3766642.0	-7.97
L0002601	366113.7	3766662.0	0.51
L0002601	366133.7	3766662.0	-1.26
L0002602	366133.7	3766642.0	-4.40
L0002602	366153.7	3766642.0	-3.00
L0002602	366133.7	3766662.0	-4.77
L0002602	366153.7	3766662.0	-3.34
L0002603	366153.7	3766642.0	-1.94
L0002603	366153.7	3766662.0	-9.73
L0002603	366173.7	3766662.0	-3.50
L0002604	366173.7	3766662.0	-14.16
L0002604	366193.7	3766662.0	-1.87
L0002605	366193.7	3766662.0	-13.84
L0002605	366193.7	3766682.0	-1.99
L0002606	366213.7	3766662.0	-9.20
L0002606	366213.7	3766682.0	-6.72
L0002607	366233.7	3766662.0	-4.24
L0002607	366213.7	3766682.0	-0.53
L0002607	366233.7	3766682.0	-10.27
L0002608	366233.7	3766682.0	-4.33
L0002608	366253.7	3766682.0	-11.30
L0002609	366253.7	3766682.0	-6.76
L0002609	366273.7	3766682.0	-8.70
L0002610	366273.7	3766682.0	-6.91
L0002610	366293.7	3766682.0	-4.39
L0002610	366273.7	3766702.0	-2.75
L0002610	366293.7	3766702.0	-0.83
L0002611	366293.7	3766682.0	-4.92
L0002611	366313.7	3766682.0	0.36
L0002611	366293.7	3766702.0	-7.93
L0002611	366313.7	3766702.0	-1.65

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

SOURCE ID	- - RECEPTOR XR (METERS)	LOCATION - - YR (METERS)	DISTANCE (METERS)
L0002612	366473.7	3766722.0	-2.26
L0002612	366493.7	3766722.0	-0.60
L0002612	366473.7	3766742.0	-4.14
L0002612	366493.7	3766742.0	-2.26
L0002612	366496.3	3766728.2	-1.73
L0002613	366453.7	3766722.0	-0.67
L0002613	366473.7	3766722.0	-3.88
L0002613	366453.7	3766742.0	-0.67
L0002613	366473.7	3766742.0	-3.88
L0002614	366453.7	3766722.0	-6.57
L0002614	366453.7	3766742.0	-4.73
L0002615	366433.7	3766722.0	-11.96
L0002615	366433.7	3766742.0	-3.08
L0002616	366413.7	3766722.0	-15.90
L0002616	366433.7	3766722.0	0.94
L0002617	366393.7	3766702.0	-0.59
L0002617	366393.7	3766722.0	-12.07
L0002617	366413.7	3766722.0	-1.61
L0002618	366373.7	3766702.0	-3.42
L0002618	366393.7	3766702.0	0.03
L0002618	366373.7	3766722.0	-7.04
L0002618	366393.7	3766722.0	-2.73
L0002619	366353.7	3766702.0	-4.85
L0002619	366373.7	3766702.0	-5.15
L0002619	366353.7	3766722.0	-1.72
L0002619	366373.7	3766722.0	-1.96
L0002620	366333.7	3766702.0	-4.13
L0002620	366353.7	3766702.0	-9.88
L0002620	366353.7	3766722.0	0.25
L0002621	366313.7	3766702.0	-1.65
L0002621	366333.7	3766702.0	-13.50


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1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT
* SOURCE-RECEPTOR COMBINATIONS FOR WHICH CALCULATIONS MAY NOT BE PERFORMED *
LESS THAN 1.0 METER OR WITHIN OPEN PIT SOURCE

```

SOURCE	- - RECEPTOR LOCATION - -	DISTANCE
ID	XR (METERS) YR (METERS)	(METERS)
L0002626	366233.7 3766682.0	-6.76
L0002626	366253.7 3766682.0	-7.66
L0002627	366213.7 3766662.0	0.68
L0002627	366233.7 3766662.0	-3.55
L0002627	366213.7 3766682.0	-2.29
L0002627	366233.7 3766682.0	-7.67
L0002628	366193.7 3766662.0	0.63
L0002628	366213.7 3766662.0	-8.61
L0002628	366213.7 3766682.0	-5.34
L0002629	366193.7 3766662.0	-13.82
L0002629	366193.7 3766682.0	-1.38
L0002630	366173.7 3766662.0	-15.50
L0002630	366193.7 3766662.0	0.26
L0002631	366153.7 3766642.0	-1.84
L0002631	366153.7 3766662.0	-10.58
L0002631	366173.7 3766662.0	-1.84
L0002632	366133.7 3766642.0	-4.51
L0002632	366153.7 3766642.0	-1.64
L0002632	366133.7 3766662.0	-5.29
L0002632	366153.7 3766662.0	-2.27
L0002633	366113.7 3766642.0	-5.16
L0002633	366133.7 3766642.0	-6.54
L0002633	366113.7 3766662.0	-0.16
L0002633	366133.7 3766662.0	-1.11
L0002634	366093.7 3766642.0	-3.82
L0002634	366113.7 3766642.0	-11.13
L0002635	366093.7 3766622.0	0.17
L0002635	366073.7 3766642.0	-0.84
L0002635	366093.7 3766642.0	-13.45
L0002636	366073.7 3766622.0	-4.64
L0002636	366073.7 3766642.0	-10.64
L0002637	366053.7 3766622.0	-8.81
L0002637	366053.7 3766642.0	-5.90
L0002638	366033.7 3766622.0	-10.82
L0002638	366053.7 3766622.0	-2.39
L0002638	366033.7 3766642.0	-1.02
L0002639	366013.7 3766622.0	-9.40
L0002639	366033.7 3766622.0	-5.90

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\Expo\Expo HRA\EXP0hra.isc ***
***
***
**MODELOPTS: CONC URBAN FLAT DFAULT

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

[illegible]

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

*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES ***
(METERS/SEC)

1.54, 3.09, 5.14, 8.23, 10.80,

*** WIND PROFILE EXPONENTS ***

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
B	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00	.15000E+00
C	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00	.20000E+00
D	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00	.25000E+00
E	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00
F	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00	.30000E+00

*** VERTICAL POTENTIAL TEMPERATURE GRADIENTS ***
(DEGREES KELVIN PER METER)

STABILITY CATEGORY	WIND SPEED CATEGORY					
	1	2	3	4	5	6
A	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
B	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
C	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
D	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00	.00000E+00
E	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01	.20000E-01
F	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01	.35000E-01

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1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\Expo\Expo HRA\EXP0hra.isc ***
***                                     ***
**MODELOPTS: CONC          URBAN  FLAT          DEFAULT

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

FILE: C:\AERMOD~1\METDAT~1\WESTLA.ASC
 SURFACE STATION NO.: 52158
 NAME: UNKNOWN
 YEAR: 1981

FORMAT: (4I2,2F9.4,F6.1,I2,2F7.1,F9.4,f10.1,f8.4,i4,f7.2)
 UPPER AIR STATION NO.: 91919
 NAME: UNKNOWN
 YEAR: 1981

YEAR	MONTH	DAY	HOUR	FLOW VECTOR	SPEED (M/S)	TEMP (K)	STAB CLASS	MIXING RURAL	HEIGHT (M) URBAN	USTAR (M/S)	M-O LENGTH (M)	Z-0 (M)	IPCODE	PRATE (mm/HR)
81	1	1	1	67.3	1.00	285.9	7	387.1	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	2	79.9	1.00	286.5	7	397.2	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	3	62.5	1.00	285.9	6	407.3	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	4	98.5	1.00	285.9	5	417.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	5	354.0	1.00	285.4	4	427.4	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	6	139.5	1.00	283.7	5	437.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	7	94.5	1.00	283.7	6	447.5	152.0	0.0000	0.0	0.0000	0	0.00
81	1	1	8	112.2	1.00	284.3	5	70.1	201.5	0.0000	0.0	0.0000	0	0.00
81	1	1	9	186.5	1.00	287.0	4	144.7	254.3	0.0000	0.0	0.0000	0	0.00
81	1	1	10	256.6	1.00	291.5	3	219.4	307.0	0.0000	0.0	0.0000	0	0.00
81	1	1	11	314.1	1.00	294.8	2	294.0	359.8	0.0000	0.0	0.0000	0	0.00
81	1	1	12	35.6	2.68	290.9	3	368.7	412.5	0.0000	0.0	0.0000	0	0.00
81	1	1	13	64.7	2.24	289.8	3	443.3	465.3	0.0000	0.0	0.0000	0	0.00
81	1	1	14	34.2	2.24	290.4	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	15	44.8	1.34	290.4	2	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	16	53.2	1.79	289.3	3	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	17	42.6	0.00	288.1	4	518.0	518.0	0.0000	0.0	0.0000	0	0.00
81	1	1	18	30.1	1.00	287.6	5	518.0	468.5	0.0000	0.0	0.0000	0	0.00
81	1	1	19	20.5	0.00	287.0	6	518.0	425.9	0.0000	0.0	0.0000	0	0.00
81	1	1	20	55.7	1.00	287.0	7	518.0	383.4	0.0000	0.0	0.0000	0	0.00
81	1	1	21	43.6	0.00	287.6	7	518.0	340.8	0.0000	0.0	0.0000	0	0.00
81	1	1	22	137.0	1.00	287.0	7	518.0	298.2	0.0000	0.0	0.0000	0	0.00
81	1	1	23	90.7	1.00	286.5	7	518.0	255.6	0.0000	0.0	0.0000	0	0.00
81	1	1	24	67.2	1.00	286.5	6	518.0	213.0	0.0000	0.0	0.0000	0	0.00

*** NOTES: STABILITY CLASS 1=A, 2=B, 3=C, 4=D, 5=E AND 6=F.

FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
 L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
 L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364763.69	3766123.25	0.00001	364877.00	3766157.50	0.00010
364996.62	3766189.25	0.00003	365152.53	3766233.75	0.00002
365186.06	3766252.75	0.00002	364813.56	3766040.75	0.00000
364906.91	3766067.00	0.00001	365017.50	3766096.00	0.00001
365171.56	3766136.75	0.00001	364901.47	3765939.25	0.00000
364943.16	3765956.50	0.00000	365049.19	3765981.75	0.00001
365196.03	3766026.25	0.00000	365319.28	3766299.00	0.00001
365341.03	3766259.00	0.00001	365370.97	3766205.50	0.00001
365416.25	3766100.50	0.00000	365711.59	3766502.00	0.00013
366498.19	3766709.25	0.00006	365730.53	3766430.25	0.00003
366513.31	3766637.25	0.00002	365475.88	3766363.75	0.00001
365509.72	3766271.00	0.00001	365760.62	3766338.75	0.00001
366539.66	3766543.25	0.00001	364713.66	3766142.00	0.00001
364733.66	3766142.00	0.00001	364753.66	3766142.00	0.00001
364773.66	3766142.00	0.00001	364793.66	3766142.00	0.00001
364813.66	3766142.00	0.00001	364833.66	3766142.00	0.00001
364853.66	3766142.00	0.00002	364873.66	3766142.00	0.00004
364893.66	3766142.00	0.00005	364913.66	3766142.00	0.00005
364933.66	3766142.00	0.00004	364953.66	3766142.00	0.00003
364973.66	3766142.00	0.00002	364993.66	3766142.00	0.00002
365013.66	3766142.00	0.00002	365033.66	3766142.00	0.00001
365053.66	3766142.00	0.00001	365073.66	3766142.00	0.00001
365093.66	3766142.00	0.00001	365113.66	3766142.00	0.00001
365133.66	3766142.00	0.00001	365153.66	3766142.00	0.00001
365173.66	3766142.00	0.00001	365193.66	3766142.00	0.00001
365213.66	3766142.00	0.00001	365233.66	3766142.00	0.00001
365253.66	3766142.00	0.00001	365273.66	3766142.00	0.00001
365293.66	3766142.00	0.00001	365313.66	3766142.00	0.00001
365333.66	3766142.00	0.00001	365353.66	3766142.00	0.00000
365373.66	3766142.00	0.00000	365393.66	3766142.00	0.00000
365413.66	3766142.00	0.00000	365433.66	3766142.00	0.00000
365453.66	3766142.00	0.00000	365473.66	3766142.00	0.00000
365493.66	3766142.00	0.00000	365513.66	3766142.00	0.00000
365533.66	3766142.00	0.00000	365553.66	3766142.00	0.00000
365573.66	3766142.00	0.00000	365593.66	3766142.00	0.00000
365613.66	3766142.00	0.00000	365633.66	3766142.00	0.00000
365653.66	3766142.00	0.00000	365673.66	3766142.00	0.00000
365693.66	3766142.00	0.00000	365713.66	3766142.00	0.00000
365733.66	3766142.00	0.00000	365753.66	3766142.00	0.00000
365773.66	3766142.00	0.00000	365793.66	3766142.00	0.00000

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
 L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
 L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365813.66	3766142.00	0.00000	365833.66	3766142.00	0.00001
365853.66	3766142.00	0.00001	365873.66	3766142.00	0.00001
365893.66	3766142.00	0.00001	365913.66	3766142.00	0.00001
365933.66	3766142.00	0.00001	365953.66	3766142.00	0.00001
365973.66	3766142.00	0.00001	365993.66	3766142.00	0.00001

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                                PM25op.POU.txt
366013.66 3766142.00 0.00001 366033.66 3766142.00 0.00001
366053.66 3766142.00 0.00001 366073.66 3766142.00 0.00001
366093.66 3766142.00 0.00001 366113.66 3766142.00 0.00000
366133.66 3766142.00 0.00000 366153.66 3766142.00 0.00000
366173.66 3766142.00 0.00000 366193.66 3766142.00 0.00000
366213.66 3766142.00 0.00000 366233.66 3766142.00 0.00000
366253.66 3766142.00 0.00000 366273.66 3766142.00 0.00000
366293.66 3766142.00 0.00000 366313.66 3766142.00 0.00000
366333.66 3766142.00 0.00000 366353.66 3766142.00 0.00000
366373.66 3766142.00 0.00000 366393.66 3766142.00 0.00000
366413.66 3766142.00 0.00000 366433.66 3766142.00 0.00000
366453.66 3766142.00 0.00000 366473.66 3766142.00 0.00000
366493.66 3766142.00 0.00000 364713.66 3766162.00 0.00001
364733.66 3766162.00 0.00001 364753.66 3766162.00 0.00001
364773.66 3766162.00 0.00002 364793.66 3766162.00 0.00002
364813.66 3766162.00 0.00003 364833.66 3766162.00 0.00003
364853.66 3766162.00 0.00005 364873.66 3766162.00 0.00012
364893.66 3766162.00 0.00013 364913.66 3766162.00 0.00009
364933.66 3766162.00 0.00006 364953.66 3766162.00 0.00004
364973.66 3766162.00 0.00003 364993.66 3766162.00 0.00002
365013.66 3766162.00 0.00002 365033.66 3766162.00 0.00002
365053.66 3766162.00 0.00002 365073.66 3766162.00 0.00001
365093.66 3766162.00 0.00001 365113.66 3766162.00 0.00001
365133.66 3766162.00 0.00001 365153.66 3766162.00 0.00001
365173.66 3766162.00 0.00001 365193.66 3766162.00 0.00001
365213.66 3766162.00 0.00001 365233.66 3766162.00 0.00001
365253.66 3766162.00 0.00001 365273.66 3766162.00 0.00001
365293.66 3766162.00 0.00001 365313.66 3766162.00 0.00001
365333.66 3766162.00 0.00001 365353.66 3766162.00 0.00001
365373.66 3766162.00 0.00001 365393.66 3766162.00 0.00000
365413.66 3766162.00 0.00000 365433.66 3766162.00 0.00000
365453.66 3766162.00 0.00000 365473.66 3766162.00 0.00000
365493.66 3766162.00 0.00000 365513.66 3766162.00 0.00000
365533.66 3766162.00 0.00000 365553.66 3766162.00 0.00000
365573.66 3766162.00 0.00000 365593.66 3766162.00 0.00000
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXP0\Expo HRA\EXP0hra.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 63
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365613.66 3766162.00 0.00000 365633.66 3766162.00 0.00000
365653.66 3766162.00 0.00000 365673.66 3766162.00 0.00000
365693.66 3766162.00 0.00000 365713.66 3766162.00 0.00001
365733.66 3766162.00 0.00001 365753.66 3766162.00 0.00001
365773.66 3766162.00 0.00001 365793.66 3766162.00 0.00001
365813.66 3766162.00 0.00001 365833.66 3766162.00 0.00001
365853.66 3766162.00 0.00001 365873.66 3766162.00 0.00001
365893.66 3766162.00 0.00001 365913.66 3766162.00 0.00001
365933.66 3766162.00 0.00001 365953.66 3766162.00 0.00001
365973.66 3766162.00 0.00001 365993.66 3766162.00 0.00001
366013.66 3766162.00 0.00001 366033.66 3766162.00 0.00001
366053.66 3766162.00 0.00001 366073.66 3766162.00 0.00001
366093.66 3766162.00 0.00001 366113.66 3766162.00 0.00001
366133.66 3766162.00 0.00001 366153.66 3766162.00 0.00001
366173.66 3766162.00 0.00001 366193.66 3766162.00 0.00000
366213.66 3766162.00 0.00000 366233.66 3766162.00 0.00000
366253.66 3766162.00 0.00000 366273.66 3766162.00 0.00000
366293.66 3766162.00 0.00000 366313.66 3766162.00 0.00000
366333.66 3766162.00 0.00000 366353.66 3766162.00 0.00000
366373.66 3766162.00 0.00000 366393.66 3766162.00 0.00000
366413.66 3766162.00 0.00000 366433.66 3766162.00 0.00000
366453.66 3766162.00 0.00000 366473.66 3766162.00 0.00000
366493.66 3766162.00 0.00000 364713.66 3766182.00 0.00001
364733.66 3766182.00 0.00002 364753.66 3766182.00 0.00002
364773.66 3766182.00 0.00003 364793.66 3766182.00 0.00004
364813.66 3766182.00 0.00005 364833.66 3766182.00 0.00009
364853.66 3766182.00 0.00024 364873.66 3766182.00 0.00022
364893.66 3766182.00 0.00036 364913.66 3766182.00 0.00015
364933.66 3766182.00 0.00009 364953.66 3766182.00 0.00006
364973.66 3766182.00 0.00004 364993.66 3766182.00 0.00003
365013.66 3766182.00 0.00003 365033.66 3766182.00 0.00002
365053.66 3766182.00 0.00002 365073.66 3766182.00 0.00002
365093.66 3766182.00 0.00002 365113.66 3766182.00 0.00001
365133.66 3766182.00 0.00001 365153.66 3766182.00 0.00001
365173.66 3766182.00 0.00001 365193.66 3766182.00 0.00001
365213.66 3766182.00 0.00001 365233.66 3766182.00 0.00001
365253.66 3766182.00 0.00001 365273.66 3766182.00 0.00001
365293.66 3766182.00 0.00001 365313.66 3766182.00 0.00001
365333.66 3766182.00 0.00001 365353.66 3766182.00 0.00001
365373.66 3766182.00 0.00001 365393.66 3766182.00 0.00001
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXP0\Expo HRA\EXP0hra.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 64
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365413.66 3766182.00 0.00001 365433.66 3766182.00 0.00001
365453.66 3766182.00 0.00000 365473.66 3766182.00 0.00000
365493.66 3766182.00 0.00000 365513.66 3766182.00 0.00000
365533.66 3766182.00 0.00000 365553.66 3766182.00 0.00000
365573.66 3766182.00 0.00000 365593.66 3766182.00 0.00000
365613.66 3766182.00 0.00000 365633.66 3766182.00 0.00001
365653.66 3766182.00 0.00001 365673.66 3766182.00 0.00001
365693.66 3766182.00 0.00001 365713.66 3766182.00 0.00001
365733.66 3766182.00 0.00001 365753.66 3766182.00 0.00001
365773.66 3766182.00 0.00001 365793.66 3766182.00 0.00001
365813.66 3766182.00 0.00001 365833.66 3766182.00 0.00001
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                                     PM25op.POU.txt
365853.66      3766182.00      0.00001      365873.66      3766182.00      0.00001
365893.66      3766182.00      0.00001      365913.66      3766182.00      0.00001
365933.66      3766182.00      0.00001      365953.66      3766182.00      0.00001
365973.66      3766182.00      0.00001      365993.66      3766182.00      0.00001
366013.66      3766182.00      0.00001      366033.66      3766182.00      0.00001
366053.66      3766182.00      0.00001      366073.66      3766182.00      0.00001
366093.66      3766182.00      0.00001      366113.66      3766182.00      0.00001
366133.66      3766182.00      0.00001      366153.66      3766182.00      0.00001
366173.66      3766182.00      0.00001      366193.66      3766182.00      0.00001
366213.66      3766182.00      0.00001      366233.66      3766182.00      0.00001
366253.66      3766182.00      0.00001      366273.66      3766182.00      0.00000
366293.66      3766182.00      0.00000      366313.66      3766182.00      0.00000
366333.66      3766182.00      0.00000      366353.66      3766182.00      0.00000
366373.66      3766182.00      0.00000      366393.66      3766182.00      0.00000
366413.66      3766182.00      0.00000      366433.66      3766182.00      0.00000
366453.66      3766182.00      0.00000      366473.66      3766182.00      0.00000
366493.66      3766182.00      0.00000      364713.66      3766202.00      0.00002
364733.66      3766202.00      0.00002      364753.66      3766202.00      0.00003
364773.66      3766202.00      0.00004      364793.66      3766202.00      0.00005
364813.66      3766202.00      0.00008      364833.66      3766202.00      0.00018
364853.66      3766202.00      0.00033      364873.66      3766202.00      0.00071
364893.66      3766202.00      0.00056      364913.66      3766202.00      0.00022
364933.66      3766202.00      0.00012      364953.66      3766202.00      0.00007
364973.66      3766202.00      0.00005      364993.66      3766202.00      0.00004
365013.66      3766202.00      0.00003      365033.66      3766202.00      0.00003
365053.66      3766202.00      0.00002      365073.66      3766202.00      0.00002
365093.66      3766202.00      0.00002      365113.66      3766202.00      0.00002
365133.66      3766202.00      0.00002      365153.66      3766202.00      0.00001
365173.66      3766202.00      0.00001      365193.66      3766202.00      0.00001
1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc      ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365213.66	3766202.00	0.00001	365233.66	3766202.00	0.00001
365253.66	3766202.00	0.00001	365273.66	3766202.00	0.00001
365293.66	3766202.00	0.00001	365313.66	3766202.00	0.00001
365333.66	3766202.00	0.00001	365353.66	3766202.00	0.00001
365373.66	3766202.00	0.00001	365393.66	3766202.00	0.00001
365413.66	3766202.00	0.00001	365433.66	3766202.00	0.00001
365453.66	3766202.00	0.00001	365473.66	3766202.00	0.00001
365493.66	3766202.00	0.00001	365513.66	3766202.00	0.00001
365533.66	3766202.00	0.00001	365553.66	3766202.00	0.00001
365573.66	3766202.00	0.00001	365593.66	3766202.00	0.00001
365613.66	3766202.00	0.00001	365633.66	3766202.00	0.00001
365653.66	3766202.00	0.00001	365673.66	3766202.00	0.00001
365693.66	3766202.00	0.00001	365713.66	3766202.00	0.00001
365733.66	3766202.00	0.00001	365753.66	3766202.00	0.00001
365773.66	3766202.00	0.00001	365793.66	3766202.00	0.00001
365813.66	3766202.00	0.00001	365833.66	3766202.00	0.00001
365853.66	3766202.00	0.00001	365873.66	3766202.00	0.00001
365893.66	3766202.00	0.00001	365913.66	3766202.00	0.00001
365933.66	3766202.00	0.00001	365953.66	3766202.00	0.00001
365973.66	3766202.00	0.00001	365993.66	3766202.00	0.00001
366013.66	3766202.00	0.00001	366033.66	3766202.00	0.00001
366053.66	3766202.00	0.00001	366073.66	3766202.00	0.00001
366093.66	3766202.00	0.00001	366113.66	3766202.00	0.00001
366133.66	3766202.00	0.00001	366153.66	3766202.00	0.00001
366173.66	3766202.00	0.00001	366193.66	3766202.00	0.00001
366213.66	3766202.00	0.00001	366233.66	3766202.00	0.00001
366253.66	3766202.00	0.00001	366273.66	3766202.00	0.00001
366293.66	3766202.00	0.00001	366313.66	3766202.00	0.00001
366333.66	3766202.00	0.00000	366353.66	3766202.00	0.00000
366373.66	3766202.00	0.00000	366393.66	3766202.00	0.00000
366413.66	3766202.00	0.00000	366433.66	3766202.00	0.00000
366453.66	3766202.00	0.00000	366473.66	3766202.00	0.00000
366493.66	3766202.00	0.00000	364713.66	3766222.00	0.00002
364733.66	3766222.00	0.00002	364753.66	3766222.00	0.00003
364773.66	3766222.00	0.00004	364793.66	3766222.00	0.00006
364813.66	3766222.00	0.00010	364833.66	3766222.00	0.00020
364853.66	3766222.00	0.00028	364873.66	3766222.00	0.00050
364893.66	3766222.00	0.00053	364913.66	3766222.00	0.00025
364933.66	3766222.00	0.00014	364953.66	3766222.00	0.00009
364973.66	3766222.00	0.00006	364993.66	3766222.00	0.00004

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1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc      ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365013.66	3766222.00	0.00004	365033.66	3766222.00	0.00003
365053.66	3766222.00	0.00003	365073.66	3766222.00	0.00003
365093.66	3766222.00	0.00002	365113.66	3766222.00	0.00002
365133.66	3766222.00	0.00002	365153.66	3766222.00	0.00002
365173.66	3766222.00	0.00001	365193.66	3766222.00	0.00001
365213.66	3766222.00	0.00001	365233.66	3766222.00	0.00001
365253.66	3766222.00	0.00001	365273.66	3766222.00	0.00001
365293.66	3766222.00	0.00001	365313.66	3766222.00	0.00001
365333.66	3766222.00	0.00001	365353.66	3766222.00	0.00001
365373.66	3766222.00	0.00001	365393.66	3766222.00	0.00001
365413.66	3766222.00	0.00001	365433.66	3766222.00	0.00001
365453.66	3766222.00	0.00001	365473.66	3766222.00	0.00001
365493.66	3766222.00	0.00001	365513.66	3766222.00	0.00001
365533.66	3766222.00	0.00001	365553.66	3766222.00	0.00001
365573.66	3766222.00	0.00001	365593.66	3766222.00	0.00001
365613.66	3766222.00	0.00001	365633.66	3766222.00	0.00001
365653.66	3766222.00	0.00001	365673.66	3766222.00	0.00001

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                                PM25op.POU.txt
365693.66      3766222.00      0.00001      365713.66      3766222.00      0.00001
365733.66      3766222.00      0.00001      365753.66      3766222.00      0.00001
365773.66      3766222.00      0.00001      365793.66      3766222.00      0.00001
365813.66      3766222.00      0.00001      365833.66      3766222.00      0.00001
365853.66      3766222.00      0.00001      365873.66      3766222.00      0.00001
365893.66      3766222.00      0.00001      365913.66      3766222.00      0.00001
365933.66      3766222.00      0.00001      365953.66      3766222.00      0.00001
365973.66      3766222.00      0.00001      365993.66      3766222.00      0.00001
366013.66      3766222.00      0.00001      366033.66      3766222.00      0.00001
366053.66      3766222.00      0.00001      366073.66      3766222.00      0.00001
366093.66      3766222.00      0.00001      366113.66      3766222.00      0.00001
366133.66      3766222.00      0.00001      366153.66      3766222.00      0.00001
366173.66      3766222.00      0.00001      366193.66      3766222.00      0.00001
366213.66      3766222.00      0.00001      366233.66      3766222.00      0.00001
366253.66      3766222.00      0.00001      366273.66      3766222.00      0.00001
366293.66      3766222.00      0.00001      366313.66      3766222.00      0.00001
366333.66      3766222.00      0.00001      366353.66      3766222.00      0.00001
366373.66      3766222.00      0.00001      366393.66      3766222.00      0.00001
366413.66      3766222.00      0.00000      366433.66      3766222.00      0.00000
366453.66      3766222.00      0.00000      366473.66      3766222.00      0.00000
366493.66      3766222.00      0.00000      364713.66      3766242.00      0.00002
364733.66      3766242.00      0.00002      364753.66      3766242.00      0.00003
364773.66      3766242.00      0.00004      364793.66      3766242.00      0.00006
1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc      ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: ALL      ***
      INCLUDING SOURCE(S):      L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364813.66	3766242.00	0.00010	364833.66	3766242.00	0.00016
364853.66	3766242.00	0.00030	364873.66	3766242.00	0.00049
364893.66	3766242.00	0.00039	364913.66	3766242.00	0.00022
364933.66	3766242.00	0.00014	364953.66	3766242.00	0.00009
364973.66	3766242.00	0.00007	364993.66	3766242.00	0.00005
365013.66	3766242.00	0.00004	365033.66	3766242.00	0.00004
365053.66	3766242.00	0.00004	365073.66	3766242.00	0.00004
365093.66	3766242.00	0.00003	365113.66	3766242.00	0.00003
365133.66	3766242.00	0.00003	365153.66	3766242.00	0.00002
365173.66	3766242.00	0.00002	365193.66	3766242.00	0.00001
365213.66	3766242.00	0.00001	365233.66	3766242.00	0.00001
365253.66	3766242.00	0.00001	365273.66	3766242.00	0.00001
365293.66	3766242.00	0.00001	365313.66	3766242.00	0.00001
365333.66	3766242.00	0.00001	365353.66	3766242.00	0.00001
365373.66	3766242.00	0.00001	365393.66	3766242.00	0.00001
365413.66	3766242.00	0.00001	365433.66	3766242.00	0.00001
365453.66	3766242.00	0.00001	365473.66	3766242.00	0.00001
365493.66	3766242.00	0.00001	365513.66	3766242.00	0.00001
365533.66	3766242.00	0.00001	365553.66	3766242.00	0.00001
365573.66	3766242.00	0.00001	365593.66	3766242.00	0.00001
365613.66	3766242.00	0.00001	365633.66	3766242.00	0.00001
365653.66	3766242.00	0.00001	365673.66	3766242.00	0.00001
365693.66	3766242.00	0.00001	365713.66	3766242.00	0.00001
365733.66	3766242.00	0.00001	365753.66	3766242.00	0.00001
365773.66	3766242.00	0.00001	365793.66	3766242.00	0.00001
365813.66	3766242.00	0.00001	365833.66	3766242.00	0.00001
365853.66	3766242.00	0.00001	365873.66	3766242.00	0.00001
365893.66	3766242.00	0.00001	365913.66	3766242.00	0.00001
365933.66	3766242.00	0.00001	365953.66	3766242.00	0.00001
365973.66	3766242.00	0.00001	365993.66	3766242.00	0.00001
366013.66	3766242.00	0.00001	366033.66	3766242.00	0.00001
366053.66	3766242.00	0.00001	366073.66	3766242.00	0.00001
366093.66	3766242.00	0.00001	366113.66	3766242.00	0.00001
366133.66	3766242.00	0.00001	366153.66	3766242.00	0.00001
366173.66	3766242.00	0.00001	366193.66	3766242.00	0.00001
366213.66	3766242.00	0.00001	366233.66	3766242.00	0.00001
366253.66	3766242.00	0.00001	366273.66	3766242.00	0.00001
366293.66	3766242.00	0.00001	366313.66	3766242.00	0.00001
366333.66	3766242.00	0.00001	366353.66	3766242.00	0.00001
366373.66	3766242.00	0.00001	366393.66	3766242.00	0.00001

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1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc      ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: ALL      ***
      INCLUDING SOURCE(S):      L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366413.66	3766242.00	0.00001	366433.66	3766242.00	0.00001
366453.66	3766242.00	0.00001	366473.66	3766242.00	0.00000
366493.66	3766242.00	0.00000	364713.66	3766262.00	0.00002
364733.66	3766262.00	0.00002	364753.66	3766262.00	0.00003
364773.66	3766262.00	0.00003	364793.66	3766262.00	0.00005
364813.66	3766262.00	0.00008	364833.66	3766262.00	0.00014
364853.66	3766262.00	0.00026	364873.66	3766262.00	0.00035
364893.66	3766262.00	0.00024	364913.66	3766262.00	0.00017
364933.66	3766262.00	0.00012	364953.66	3766262.00	0.00009
364973.66	3766262.00	0.00007	364993.66	3766262.00	0.00006
365013.66	3766262.00	0.00005	365033.66	3766262.00	0.00005
365053.66	3766262.00	0.00005	365073.66	3766262.00	0.00006
365093.66	3766262.00	0.00005	365113.66	3766262.00	0.00005
365133.66	3766262.00	0.00003	365153.66	3766262.00	0.00002
365173.66	3766262.00	0.00002	365193.66	3766262.00	0.00001
365213.66	3766262.00	0.00001	365233.66	3766262.00	0.00001
365253.66	3766262.00	0.00001	365273.66	3766262.00	0.00001
365293.66	3766262.00	0.00001	365313.66	3766262.00	0.00001
365333.66	3766262.00	0.00001	365353.66	3766262.00	0.00001
365373.66	3766262.00	0.00001	365393.66	3766262.00	0.00001
365413.66	3766262.00	0.00001	365433.66	3766262.00	0.00001
365453.66	3766262.00	0.00001	365473.66	3766262.00	0.00001
365493.66	3766262.00	0.00001	365513.66	3766262.00	0.00001

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365533.66 3766262.00 0.00001 PM25op.POU.txt 365553.66 3766262.00 0.00001
365573.66 3766262.00 0.00001 365593.66 3766262.00 0.00001
365613.66 3766262.00 0.00001 365633.66 3766262.00 0.00001
365653.66 3766262.00 0.00001 365673.66 3766262.00 0.00001
365693.66 3766262.00 0.00001 365713.66 3766262.00 0.00001
365733.66 3766262.00 0.00001 365753.66 3766262.00 0.00001
365773.66 3766262.00 0.00001 365793.66 3766262.00 0.00001
365813.66 3766262.00 0.00001 365833.66 3766262.00 0.00001
365853.66 3766262.00 0.00001 365873.66 3766262.00 0.00001
365893.66 3766262.00 0.00001 365913.66 3766262.00 0.00001
365933.66 3766262.00 0.00001 365953.66 3766262.00 0.00001
365973.66 3766262.00 0.00001 365993.66 3766262.00 0.00001
366013.66 3766262.00 0.00001 366033.66 3766262.00 0.00001
366053.66 3766262.00 0.00001 366073.66 3766262.00 0.00001
366093.66 3766262.00 0.00001 366113.66 3766262.00 0.00001
366133.66 3766262.00 0.00001 366153.66 3766262.00 0.00001
366173.66 3766262.00 0.00001 366193.66 3766262.00 0.00001
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXP0\Expo HRA\EXP0hra.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366213.66	3766262.00	0.00001	366233.66	3766262.00	0.00001
366253.66	3766262.00	0.00001	366273.66	3766262.00	0.00001
366293.66	3766262.00	0.00001	366313.66	3766262.00	0.00001
366333.66	3766262.00	0.00001	366353.66	3766262.00	0.00001
366373.66	3766262.00	0.00001	366393.66	3766262.00	0.00001
366413.66	3766262.00	0.00001	366433.66	3766262.00	0.00001
366453.66	3766262.00	0.00001	366473.66	3766262.00	0.00001
366493.66	3766262.00	0.00001	364713.66	3766282.00	0.00001
364733.66	3766282.00	0.00002	364753.66	3766282.00	0.00002
364773.66	3766282.00	0.00003	364793.66	3766282.00	0.00003
364813.66	3766282.00	0.00005	364833.66	3766282.00	0.00007
364853.66	3766282.00	0.00012	364873.66	3766282.00	0.00015
364893.66	3766282.00	0.00014	364913.66	3766282.00	0.00012
364933.66	3766282.00	0.00010	364953.66	3766282.00	0.00008
364973.66	3766282.00	0.00006	364993.66	3766282.00	0.00005
365013.66	3766282.00	0.00005	365033.66	3766282.00	0.00005
365053.66	3766282.00	0.00006	365073.66	3766282.00	0.00006
365093.66	3766282.00	0.00005	365113.66	3766282.00	0.00004
365133.66	3766282.00	0.00003	365153.66	3766282.00	0.00002
365173.66	3766282.00	0.00002	365193.66	3766282.00	0.00002
365213.66	3766282.00	0.00001	365233.66	3766282.00	0.00001
365253.66	3766282.00	0.00001	365273.66	3766282.00	0.00001
365293.66	3766282.00	0.00001	365313.66	3766282.00	0.00001
365333.66	3766282.00	0.00001	365353.66	3766282.00	0.00001
365373.66	3766282.00	0.00001	365393.66	3766282.00	0.00001
365413.66	3766282.00	0.00001	365433.66	3766282.00	0.00001
365453.66	3766282.00	0.00001	365473.66	3766282.00	0.00001
365493.66	3766282.00	0.00001	365513.66	3766282.00	0.00001
365533.66	3766282.00	0.00001	365553.66	3766282.00	0.00001
365573.66	3766282.00	0.00001	365593.66	3766282.00	0.00001
365613.66	3766282.00	0.00001	365633.66	3766282.00	0.00001
365653.66	3766282.00	0.00001	365673.66	3766282.00	0.00001
365693.66	3766282.00	0.00001	365713.66	3766282.00	0.00001
365733.66	3766282.00	0.00001	365753.66	3766282.00	0.00001
365773.66	3766282.00	0.00001	365793.66	3766282.00	0.00001
365813.66	3766282.00	0.00001	365833.66	3766282.00	0.00001
365853.66	3766282.00	0.00001	365873.66	3766282.00	0.00001
365893.66	3766282.00	0.00001	365913.66	3766282.00	0.00001
365933.66	3766282.00	0.00001	365953.66	3766282.00	0.00001
365973.66	3766282.00	0.00001	365993.66	3766282.00	0.00001

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXP0\Expo HRA\EXP0hra.isc ***
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**MODELOPTS: CONC

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366013.66	3766282.00	0.00001	366033.66	3766282.00	0.00001
366053.66	3766282.00	0.00001	366073.66	3766282.00	0.00001
366093.66	3766282.00	0.00001	366113.66	3766282.00	0.00001
366133.66	3766282.00	0.00001	366153.66	3766282.00	0.00001
366173.66	3766282.00	0.00001	366193.66	3766282.00	0.00001
366213.66	3766282.00	0.00001	366233.66	3766282.00	0.00001
366253.66	3766282.00	0.00001	366273.66	3766282.00	0.00001
366293.66	3766282.00	0.00001	366313.66	3766282.00	0.00001
366333.66	3766282.00	0.00001	366353.66	3766282.00	0.00001
366373.66	3766282.00	0.00001	366393.66	3766282.00	0.00001
366413.66	3766282.00	0.00001	366433.66	3766282.00	0.00001
366453.66	3766282.00	0.00001	366473.66	3766282.00	0.00001
366493.66	3766282.00	0.00001	364713.66	3766302.00	0.00001
364733.66	3766302.00	0.00001	364753.66	3766302.00	0.00002
364773.66	3766302.00	0.00002	364793.66	3766302.00	0.00003
364813.66	3766302.00	0.00003	364833.66	3766302.00	0.00004
364853.66	3766302.00	0.00006	364873.66	3766302.00	0.00007
364893.66	3766302.00	0.00008	364913.66	3766302.00	0.00008
364933.66	3766302.00	0.00007	364953.66	3766302.00	0.00006
364973.66	3766302.00	0.00005	364993.66	3766302.00	0.00005
365013.66	3766302.00	0.00004	365033.66	3766302.00	0.00004
365053.66	3766302.00	0.00004	365073.66	3766302.00	0.00004
365093.66	3766302.00	0.00004	365113.66	3766302.00	0.00003
365133.66	3766302.00	0.00003	365153.66	3766302.00	0.00002
365173.66	3766302.00	0.00002	365193.66	3766302.00	0.00002
365213.66	3766302.00	0.00001	365233.66	3766302.00	0.00001
365253.66	3766302.00	0.00001	365273.66	3766302.00	0.00001
365293.66	3766302.00	0.00001	365313.66	3766302.00	0.00001
365333.66	3766302.00	0.00001	365353.66	3766302.00	0.00001

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365373.66 3766302.00 0.00001 PM25op.POU.txt 365393.66 3766302.00 0.00001
365413.66 3766302.00 0.00001 365433.66 3766302.00 0.00001
365453.66 3766302.00 0.00001 365473.66 3766302.00 0.00001
365493.66 3766302.00 0.00001 365513.66 3766302.00 0.00001
365533.66 3766302.00 0.00001 365553.66 3766302.00 0.00001
365573.66 3766302.00 0.00001 365593.66 3766302.00 0.00001
365613.66 3766302.00 0.00001 365633.66 3766302.00 0.00001
365653.66 3766302.00 0.00001 365673.66 3766302.00 0.00001
365693.66 3766302.00 0.00001 365713.66 3766302.00 0.00001
365733.66 3766302.00 0.00001 365753.66 3766302.00 0.00001
365773.66 3766302.00 0.00001 365793.66 3766302.00 0.00001
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXP0\Expo HRA\EXP0hra.isc ***
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**MODELOPTS: CONC

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365813.66	3766302.00	0.00001	365833.66	3766302.00	0.00001
365853.66	3766302.00	0.00001	365873.66	3766302.00	0.00001
365893.66	3766302.00	0.00001	365913.66	3766302.00	0.00001
365933.66	3766302.00	0.00001	365953.66	3766302.00	0.00001
365973.66	3766302.00	0.00001	365993.66	3766302.00	0.00001
366013.66	3766302.00	0.00001	366033.66	3766302.00	0.00001
366053.66	3766302.00	0.00001	366073.66	3766302.00	0.00001
366093.66	3766302.00	0.00001	366113.66	3766302.00	0.00001
366133.66	3766302.00	0.00001	366153.66	3766302.00	0.00001
366173.66	3766302.00	0.00001	366193.66	3766302.00	0.00001
366213.66	3766302.00	0.00001	366233.66	3766302.00	0.00001
366253.66	3766302.00	0.00001	366273.66	3766302.00	0.00001
366293.66	3766302.00	0.00001	366313.66	3766302.00	0.00001
366333.66	3766302.00	0.00001	366353.66	3766302.00	0.00001
366373.66	3766302.00	0.00001	366393.66	3766302.00	0.00001
366413.66	3766302.00	0.00001	366433.66	3766302.00	0.00001
366453.66	3766302.00	0.00001	366473.66	3766302.00	0.00001
366493.66	3766302.00	0.00001	366473.66	3766322.00	0.00001
366473.66	3766322.00	0.00001	366473.66	3766322.00	0.00001
3664773.66	3766322.00	0.00002	3664793.66	3766322.00	0.00002
3664813.66	3766322.00	0.00002	3664833.66	3766322.00	0.00003
3664853.66	3766322.00	0.00004	3664873.66	3766322.00	0.00005
3664893.66	3766322.00	0.00005	3664913.66	3766322.00	0.00005
3664933.66	3766322.00	0.00005	3664953.66	3766322.00	0.00005
3664973.66	3766322.00	0.00004	3664993.66	3766322.00	0.00004
3665013.66	3766322.00	0.00004	3665033.66	3766322.00	0.00004
3665053.66	3766322.00	0.00004	3665073.66	3766322.00	0.00004
3665093.66	3766322.00	0.00003	3665113.66	3766322.00	0.00003
3665133.66	3766322.00	0.00003	3665153.66	3766322.00	0.00002
3665173.66	3766322.00	0.00002	3665193.66	3766322.00	0.00002
3665213.66	3766322.00	0.00001	3665233.66	3766322.00	0.00001
3665253.66	3766322.00	0.00001	3665273.66	3766322.00	0.00001
3665293.66	3766322.00	0.00001	3665313.66	3766322.00	0.00001
3665333.66	3766322.00	0.00001	3665353.66	3766322.00	0.00001
3665373.66	3766322.00	0.00001	3665393.66	3766322.00	0.00001
3665413.66	3766322.00	0.00001	3665433.66	3766322.00	0.00001
3665453.66	3766322.00	0.00001	3665473.66	3766322.00	0.00001
3665493.66	3766322.00	0.00001	3665513.66	3766322.00	0.00001
3665533.66	3766322.00	0.00001	3665553.66	3766322.00	0.00001
3665573.66	3766322.00	0.00001	3665593.66	3766322.00	0.00001

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXP0\Expo HRA\EXP0hra.isc ***
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**MODELOPTS: CONC

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365613.66	3766322.00	0.00001	365633.66	3766322.00	0.00001
365653.66	3766322.00	0.00001	365673.66	3766322.00	0.00001
365693.66	3766322.00	0.00001	365713.66	3766322.00	0.00001
365733.66	3766322.00	0.00001	365753.66	3766322.00	0.00001
365773.66	3766322.00	0.00001	365793.66	3766322.00	0.00001
365813.66	3766322.00	0.00001	365833.66	3766322.00	0.00001
365853.66	3766322.00	0.00001	365873.66	3766322.00	0.00001
365893.66	3766322.00	0.00001	365913.66	3766322.00	0.00001
365933.66	3766322.00	0.00001	365953.66	3766322.00	0.00001
365973.66	3766322.00	0.00001	365993.66	3766322.00	0.00001
366013.66	3766322.00	0.00001	366033.66	3766322.00	0.00001
366053.66	3766322.00	0.00001	366073.66	3766322.00	0.00001
366093.66	3766322.00	0.00001	366113.66	3766322.00	0.00001
366133.66	3766322.00	0.00001	366153.66	3766322.00	0.00001
366173.66	3766322.00	0.00001	366193.66	3766322.00	0.00001
366213.66	3766322.00	0.00001	366233.66	3766322.00	0.00001
366253.66	3766322.00	0.00001	366273.66	3766322.00	0.00001
366293.66	3766322.00	0.00001	366313.66	3766322.00	0.00001
366333.66	3766322.00	0.00001	366353.66	3766322.00	0.00001
366373.66	3766322.00	0.00001	366393.66	3766322.00	0.00001
366413.66	3766322.00	0.00001	366433.66	3766322.00	0.00001
366453.66	3766322.00	0.00001	366473.66	3766322.00	0.00001
366493.66	3766322.00	0.00001	366473.66	3766342.00	0.00001
366473.66	3766342.00	0.00001	366473.66	3766342.00	0.00001
3664773.66	3766342.00	0.00001	3664793.66	3766342.00	0.00002
3664813.66	3766342.00	0.00002	3664833.66	3766342.00	0.00002
3664853.66	3766342.00	0.00003	3664873.66	3766342.00	0.00003
3664893.66	3766342.00	0.00003	3664913.66	3766342.00	0.00004
3664933.66	3766342.00	0.00004	3664953.66	3766342.00	0.00004
3664973.66	3766342.00	0.00004	3664993.66	3766342.00	0.00003
3665013.66	3766342.00	0.00003	3665033.66	3766342.00	0.00003
3665053.66	3766342.00	0.00003	3665073.66	3766342.00	0.00003
3665093.66	3766342.00	0.00003	3665113.66	3766342.00	0.00003
3665133.66	3766342.00	0.00002	3665153.66	3766342.00	0.00002
3665173.66	3766342.00	0.00002	3665193.66	3766342.00	0.00002

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** CONC OF PM2.5 IN MICROGRAMS/M**3

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** CONC OF PM2.5 IN MICROGRAMS/M**3

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
 L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
 L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365013.66	3766382.00	0.00002	365033.66	3766382.00	0.00002
365053.66	3766382.00	0.00002	365073.66	3766382.00	0.00002
365093.66	3766382.00	0.00002	365113.66	3766382.00	0.00002
365133.66	3766382.00	0.00002	365153.66	3766382.00	0.00002
365173.66	3766382.00	0.00002	365193.66	3766382.00	0.00002
365213.66	3766382.00	0.00002	365233.66	3766382.00	0.00001
365253.66	3766382.00	0.00001	365273.66	3766382.00	0.00001
365293.66	3766382.00	0.00001	365313.66	3766382.00	0.00001
365333.66	3766382.00	0.00001	365353.66	3766382.00	0.00001
365373.66	3766382.00	0.00001	365393.66	3766382.00	0.00001
365413.66	3766382.00	0.00001	365433.66	3766382.00	0.00001
365453.66	3766382.00	0.00001	365473.66	3766382.00	0.00001
365493.66	3766382.00	0.00001	365513.66	3766382.00	0.00001
365533.66	3766382.00	0.00001	365553.66	3766382.00	0.00002
365573.66	3766382.00	0.00002	365593.66	3766382.00	0.00002
365613.66	3766382.00	0.00002	365633.66	3766382.00	0.00002
365653.66	3766382.00	0.00002	365673.66	3766382.00	0.00002
365693.66	3766382.00	0.00002	365713.66	3766382.00	0.00002
365733.66	3766382.00	0.00002	365753.66	3766382.00	0.00002
365773.66	3766382.00	0.00002	365793.66	3766382.00	0.00002
365813.66	3766382.00	0.00002	365833.66	3766382.00	0.00002
365853.66	3766382.00	0.00002	365873.66	3766382.00	0.00002
365893.66	3766382.00	0.00001	365913.66	3766382.00	0.00001
365933.66	3766382.00	0.00001	365953.66	3766382.00	0.00001
365973.66	3766382.00	0.00001	365993.66	3766382.00	0.00001
366013.66	3766382.00	0.00001	366033.66	3766382.00	0.00001
366053.66	3766382.00	0.00001	366073.66	3766382.00	0.00001
366093.66	3766382.00	0.00001	366113.66	3766382.00	0.00001
366133.66	3766382.00	0.00001	366153.66	3766382.00	0.00001
366173.66	3766382.00	0.00001	366193.66	3766382.00	0.00001
366213.66	3766382.00	0.00001	366233.66	3766382.00	0.00001
366253.66	3766382.00	0.00001	366273.66	3766382.00	0.00001
366293.66	3766382.00	0.00001	366313.66	3766382.00	0.00001
366333.66	3766382.00	0.00001	366353.66	3766382.00	0.00001
366373.66	3766382.00	0.00001	366393.66	3766382.00	0.00001
366413.66	3766382.00	0.00001	366433.66	3766382.00	0.00001
366453.66	3766382.00	0.00001	366473.66	3766382.00	0.00001
366493.66	3766382.00	0.00001	366493.66	3766402.00	0.00001
366473.66	3766402.00	0.00001	366473.66	3766402.00	0.00001
3664773.66	3766402.00	0.00001	3664793.66	3766402.00	0.00001

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXP0\Expo HRA\EXP0hra.isc

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
 L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
 L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364813.66	3766402.00	0.00001	364833.66	3766402.00	0.00001
364853.66	3766402.00	0.00001	364873.66	3766402.00	0.00002
364893.66	3766402.00	0.00002	364913.66	3766402.00	0.00002
364933.66	3766402.00	0.00002	364953.66	3766402.00	0.00002
364973.66	3766402.00	0.00002	364993.66	3766402.00	0.00002
365013.66	3766402.00	0.00002	365033.66	3766402.00	0.00002
365053.66	3766402.00	0.00002	365073.66	3766402.00	0.00002
365093.66	3766402.00	0.00002	365113.66	3766402.00	0.00002
365133.66	3766402.00	0.00002	365153.66	3766402.00	0.00002
365173.66	3766402.00	0.00002	365193.66	3766402.00	0.00001
365213.66	3766402.00	0.00002	365233.66	3766402.00	0.00001
365253.66	3766402.00	0.00001	365273.66	3766402.00	0.00001
365293.66	3766402.00	0.00001	365313.66	3766402.00	0.00001
365333.66	3766402.00	0.00001	365353.66	3766402.00	0.00001
365373.66	3766402.00	0.00001	365393.66	3766402.00	0.00001
365413.66	3766402.00	0.00001	365433.66	3766402.00	0.00001
365453.66	3766402.00	0.00001	365473.66	3766402.00	0.00001
365493.66	3766402.00	0.00002	365513.66	3766402.00	0.00002
365533.66	3766402.00	0.00002	365553.66	3766402.00	0.00002
365573.66	3766402.00	0.00002	365593.66	3766402.00	0.00002
365613.66	3766402.00	0.00002	365633.66	3766402.00	0.00002
365653.66	3766402.00	0.00002	365673.66	3766402.00	0.00002
365693.66	3766402.00	0.00002	365713.66	3766402.00	0.00002
365733.66	3766402.00	0.00002	365753.66	3766402.00	0.00002
365773.66	3766402.00	0.00002	365793.66	3766402.00	0.00002
365813.66	3766402.00	0.00002	365833.66	3766402.00	0.00002
365853.66	3766402.00	0.00002	365873.66	3766402.00	0.00002
365893.66	3766402.00	0.00002	365913.66	3766402.00	0.00002
365933.66	3766402.00	0.00001	365953.66	3766402.00	0.00001
365973.66	3766402.00	0.00001	365993.66	3766402.00	0.00001
366013.66	3766402.00	0.00001	366033.66	3766402.00	0.00001
366053.66	3766402.00	0.00001	366073.66	3766402.00	0.00001
366093.66	3766402.00	0.00001	366113.66	3766402.00	0.00001
366133.66	3766402.00	0.00001	366153.66	3766402.00	0.00001
366173.66	3766402.00	0.00001	366193.66	3766402.00	0.00001
366213.66	3766402.00	0.00001	366233.66	3766402.00	0.00001
366253.66	3766402.00	0.00001	366273.66	3766402.00	0.00001
366293.66	3766402.00	0.00001	366313.66	3766402.00	0.00001
366333.66	3766402.00	0.00001	366353.66	3766402.00	0.00001
366373.66	3766402.00	0.00001	366393.66	3766402.00	0.00001

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
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PM25op.POU.txt
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366413.66	3766402.00	0.00001	366433.66	3766402.00	0.00001
366453.66	3766402.00	0.00001	366473.66	3766402.00	0.00001
366493.66	3766402.00	0.00001	364713.66	3766422.00	0.00001
364733.66	3766422.00	0.00001	364753.66	3766422.00	0.00001
364773.66	3766422.00	0.00001	364793.66	3766422.00	0.00001
364813.66	3766422.00	0.00001	364833.66	3766422.00	0.00001
364853.66	3766422.00	0.00001	364873.66	3766422.00	0.00001
364893.66	3766422.00	0.00001	364913.66	3766422.00	0.00001
364933.66	3766422.00	0.00001	364953.66	3766422.00	0.00002
364973.66	3766422.00	0.00002	364993.66	3766422.00	0.00002
365013.66	3766422.00	0.00002	365033.66	3766422.00	0.00002
365053.66	3766422.00	0.00002	365073.66	3766422.00	0.00002
365093.66	3766422.00	0.00002	365113.66	3766422.00	0.00002
365133.66	3766422.00	0.00002	365153.66	3766422.00	0.00002
365173.66	3766422.00	0.00002	365193.66	3766422.00	0.00002
365213.66	3766422.00	0.00002	365233.66	3766422.00	0.00002
365253.66	3766422.00	0.00001	365273.66	3766422.00	0.00001
365293.66	3766422.00	0.00001	365313.66	3766422.00	0.00001
365333.66	3766422.00	0.00001	365353.66	3766422.00	0.00001
365373.66	3766422.00	0.00001	365393.66	3766422.00	0.00001
365413.66	3766422.00	0.00002	365433.66	3766422.00	0.00002
365453.66	3766422.00	0.00002	365473.66	3766422.00	0.00002
365493.66	3766422.00	0.00003	365513.66	3766422.00	0.00003
365533.66	3766422.00	0.00003	365553.66	3766422.00	0.00003
365573.66	3766422.00	0.00003	365593.66	3766422.00	0.00003
365613.66	3766422.00	0.00003	365633.66	3766422.00	0.00003
365653.66	3766422.00	0.00003	365673.66	3766422.00	0.00003
365693.66	3766422.00	0.00003	365713.66	3766422.00	0.00003
365733.66	3766422.00	0.00003	365753.66	3766422.00	0.00003
365773.66	3766422.00	0.00003	365793.66	3766422.00	0.00002
365813.66	3766422.00	0.00002	365833.66	3766422.00	0.00002
365853.66	3766422.00	0.00002	365873.66	3766422.00	0.00002
365893.66	3766422.00	0.00002	365913.66	3766422.00	0.00002
365933.66	3766422.00	0.00002	365953.66	3766422.00	0.00002
365973.66	3766422.00	0.00002	365993.66	3766422.00	0.00001
366013.66	3766422.00	0.00001	366033.66	3766422.00	0.00001
366053.66	3766422.00	0.00001	366073.66	3766422.00	0.00001
366093.66	3766422.00	0.00001	366113.66	3766422.00	0.00001
366133.66	3766422.00	0.00001	366153.66	3766422.00	0.00001
366173.66	3766422.00	0.00001	366193.66	3766422.00	0.00001

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366213.66	3766422.00	0.00001	366233.66	3766422.00	0.00001
366253.66	3766422.00	0.00001	366273.66	3766422.00	0.00001
366293.66	3766422.00	0.00001	366313.66	3766422.00	0.00001
366333.66	3766422.00	0.00001	366353.66	3766422.00	0.00001
366373.66	3766422.00	0.00001	366393.66	3766422.00	0.00001
366413.66	3766422.00	0.00001	366433.66	3766422.00	0.00001
366453.66	3766422.00	0.00001	366473.66	3766422.00	0.00001
366493.66	3766422.00	0.00001	364713.66	3766442.00	0.00001
364733.66	3766442.00	0.00001	364753.66	3766442.00	0.00001
364773.66	3766442.00	0.00001	364793.66	3766442.00	0.00001
364813.66	3766442.00	0.00001	364833.66	3766442.00	0.00001
364853.66	3766442.00	0.00001	364873.66	3766442.00	0.00001
364893.66	3766442.00	0.00001	364913.66	3766442.00	0.00001
364933.66	3766442.00	0.00001	364953.66	3766442.00	0.00001
364973.66	3766442.00	0.00001	364993.66	3766442.00	0.00002
365013.66	3766442.00	0.00002	365033.66	3766442.00	0.00002
365053.66	3766442.00	0.00002	365073.66	3766442.00	0.00002
365093.66	3766442.00	0.00002	365113.66	3766442.00	0.00002
365133.66	3766442.00	0.00002	365153.66	3766442.00	0.00002
365173.66	3766442.00	0.00002	365193.66	3766442.00	0.00002
365213.66	3766442.00	0.00002	365233.66	3766442.00	0.00002
365253.66	3766442.00	0.00002	365273.66	3766442.00	0.00001
365293.66	3766442.00	0.00001	365313.66	3766442.00	0.00002
365333.66	3766442.00	0.00002	365353.66	3766442.00	0.00002
365373.66	3766442.00	0.00002	365393.66	3766442.00	0.00002
365413.66	3766442.00	0.00002	365433.66	3766442.00	0.00002
365453.66	3766442.00	0.00003	365473.66	3766442.00	0.00004
365493.66	3766442.00	0.00005	365513.66	3766442.00	0.00005
365533.66	3766442.00	0.00005	365553.66	3766442.00	0.00004
365573.66	3766442.00	0.00004	365593.66	3766442.00	0.00004
365613.66	3766442.00	0.00004	365633.66	3766442.00	0.00004
365653.66	3766442.00	0.00004	365673.66	3766442.00	0.00004
365693.66	3766442.00	0.00004	365713.66	3766442.00	0.00004
365733.66	3766442.00	0.00004	365753.66	3766442.00	0.00003
365773.66	3766442.00	0.00003	365793.66	3766442.00	0.00003
365813.66	3766442.00	0.00003	365833.66	3766442.00	0.00003
365853.66	3766442.00	0.00002	365873.66	3766442.00	0.00002
365893.66	3766442.00	0.00002	365913.66	3766442.00	0.00002
365933.66	3766442.00	0.00002	365953.66	3766442.00	0.00002
365973.66	3766442.00	0.00002	365993.66	3766442.00	0.00002

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366013.66	3766442.00	0.00002	366033.66	3766442.00	0.00002
366053.66	3766442.00	0.00002	366073.66	3766442.00	0.00001
366093.66	3766442.00	0.00001	366113.66	3766442.00	0.00001
366133.66	3766442.00	0.00001	366153.66	3766442.00	0.00001
366173.66	3766442.00	0.00001	366193.66	3766442.00	0.00001
366213.66	3766442.00	0.00001	366233.66	3766442.00	0.00001
366253.66	3766442.00	0.00001	366273.66	3766442.00	0.00001
366293.66	3766442.00	0.00001	366313.66	3766442.00	0.00001
366333.66	3766442.00	0.00001	366353.66	3766442.00	0.00001
366373.66	3766442.00	0.00001	366393.66	3766442.00	0.00001
366413.66	3766442.00	0.00001	366433.66	3766442.00	0.00001
366453.66	3766442.00	0.00001	366473.66	3766442.00	0.00001
366493.66	3766442.00	0.00001	364713.66	3766462.00	0.00001
364733.66	3766462.00	0.00001	364753.66	3766462.00	0.00001
364773.66	3766462.00	0.00001	364793.66	3766462.00	0.00001
364813.66	3766462.00	0.00001	364833.66	3766462.00	0.00001
364853.66	3766462.00	0.00001	364873.66	3766462.00	0.00001
364893.66	3766462.00	0.00001	364913.66	3766462.00	0.00001
364933.66	3766462.00	0.00001	364953.66	3766462.00	0.00001
364973.66	3766462.00	0.00001	364993.66	3766462.00	0.00001
365013.66	3766462.00	0.00001	365033.66	3766462.00	0.00001
365053.66	3766462.00	0.00002	365073.66	3766462.00	0.00002
365093.66	3766462.00	0.00002	365113.66	3766462.00	0.00002
365133.66	3766462.00	0.00002	365153.66	3766462.00	0.00002
365173.66	3766462.00	0.00002	365193.66	3766462.00	0.00002
365213.66	3766462.00	0.00002	365233.66	3766462.00	0.00002
365253.66	3766462.00	0.00002	365273.66	3766462.00	0.00002
365293.66	3766462.00	0.00002	365313.66	3766462.00	0.00002
365333.66	3766462.00	0.00002	365353.66	3766462.00	0.00002
365373.66	3766462.00	0.00002	365393.66	3766462.00	0.00002
365413.66	3766462.00	0.00003	365433.66	3766462.00	0.00005
365453.66	3766462.00	0.00005	365473.66	3766462.00	0.00004
365493.66	3766462.00	0.00012	365513.66	3766462.00	0.00011
365533.66	3766462.00	0.00009	365553.66	3766462.00	0.00008
365573.66	3766462.00	0.00007	365593.66	3766462.00	0.00006
365613.66	3766462.00	0.00006	365633.66	3766462.00	0.00006
365653.66	3766462.00	0.00006	365673.66	3766462.00	0.00006
365693.66	3766462.00	0.00005	365713.66	3766462.00	0.00005
365733.66	3766462.00	0.00005	365753.66	3766462.00	0.00004
365773.66	3766462.00	0.00004	365793.66	3766462.00	0.00004

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
 L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
 L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365813.66	3766462.00	0.00003	365833.66	3766462.00	0.00003
365853.66	3766462.00	0.00003	365873.66	3766462.00	0.00003
365893.66	3766462.00	0.00003	365913.66	3766462.00	0.00002
365933.66	3766462.00	0.00002	365953.66	3766462.00	0.00002
365973.66	3766462.00	0.00002	365993.66	3766462.00	0.00002
366013.66	3766462.00	0.00002	366033.66	3766462.00	0.00002
366053.66	3766462.00	0.00002	366073.66	3766462.00	0.00002
366093.66	3766462.00	0.00002	366113.66	3766462.00	0.00002
366133.66	3766462.00	0.00002	366153.66	3766462.00	0.00002
366173.66	3766462.00	0.00001	366193.66	3766462.00	0.00001
366213.66	3766462.00	0.00001	366233.66	3766462.00	0.00001
366253.66	3766462.00	0.00001	366273.66	3766462.00	0.00001
366293.66	3766462.00	0.00001	366313.66	3766462.00	0.00001
366333.66	3766462.00	0.00001	366353.66	3766462.00	0.00001
366373.66	3766462.00	0.00001	366393.66	3766462.00	0.00001
366413.66	3766462.00	0.00001	366433.66	3766462.00	0.00001
366453.66	3766462.00	0.00001	366473.66	3766462.00	0.00001
366493.66	3766462.00	0.00001	364713.66	3766482.00	0.00001
364733.66	3766482.00	0.00001	364753.66	3766482.00	0.00001
364773.66	3766482.00	0.00001	364793.66	3766482.00	0.00001
364813.66	3766482.00	0.00001	364833.66	3766482.00	0.00001
364853.66	3766482.00	0.00001	364873.66	3766482.00	0.00001
364893.66	3766482.00	0.00001	364913.66	3766482.00	0.00001
364933.66	3766482.00	0.00001	364953.66	3766482.00	0.00001
364973.66	3766482.00	0.00001	364993.66	3766482.00	0.00001
365013.66	3766482.00	0.00001	365033.66	3766482.00	0.00001
365053.66	3766482.00	0.00001	365073.66	3766482.00	0.00001
365093.66	3766482.00	0.00001	365113.66	3766482.00	0.00001
365133.66	3766482.00	0.00001	365153.66	3766482.00	0.00001
365173.66	3766482.00	0.00001	365193.66	3766482.00	0.00002
365213.66	3766482.00	0.00002	365233.66	3766482.00	0.00002
365253.66	3766482.00	0.00002	365273.66	3766482.00	0.00002
365293.66	3766482.00	0.00002	365313.66	3766482.00	0.00002
365333.66	3766482.00	0.00002	365353.66	3766482.00	0.00002
365373.66	3766482.00	0.00002	365393.66	3766482.00	0.00003
365413.66	3766482.00	0.00003	365433.66	3766482.00	0.00005
365453.66	3766482.00	0.00012	365473.66	3766482.00	0.00016
365493.66	3766482.00	0.00019	365513.66	3766482.00	0.00016
365533.66	3766482.00	0.00014	365553.66	3766482.00	0.00012
365573.66	3766482.00	0.00014	365593.66	3766482.00	0.00013

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXP0\Expo HRA\EXP0hra.isc

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
 L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
 L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365613.66	3766482.00	0.00012	365633.66	3766482.00	0.00011
365653.66	3766482.00	0.00010	365673.66	3766482.00	0.00009
365693.66	3766482.00	0.00008	365713.66	3766482.00	0.00008

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                                PM25op.POU.txt
365733.66      3766482.00      0.00007      365753.66      3766482.00      0.00006
365773.66      3766482.00      0.00006      365793.66      3766482.00      0.00005
365813.66      3766482.00      0.00004      365833.66      3766482.00      0.00004
365853.66      3766482.00      0.00004      365873.66      3766482.00      0.00003
365893.66      3766482.00      0.00003      365913.66      3766482.00      0.00003
365933.66      3766482.00      0.00003      365953.66      3766482.00      0.00003
365973.66      3766482.00      0.00002      365993.66      3766482.00      0.00002
366013.66      3766482.00      0.00002      366033.66      3766482.00      0.00002
366053.66      3766482.00      0.00002      366073.66      3766482.00      0.00002
366093.66      3766482.00      0.00002      366113.66      3766482.00      0.00002
366133.66      3766482.00      0.00002      366153.66      3766482.00      0.00002
366173.66      3766482.00      0.00002      366193.66      3766482.00      0.00002
366213.66      3766482.00      0.00002      366233.66      3766482.00      0.00002
366253.66      3766482.00      0.00002      366273.66      3766482.00      0.00002
366293.66      3766482.00      0.00001      366313.66      3766482.00      0.00001
366333.66      3766482.00      0.00001      366353.66      3766482.00      0.00001
366373.66      3766482.00      0.00001      366393.66      3766482.00      0.00001
366413.66      3766482.00      0.00001      366433.66      3766482.00      0.00001
366453.66      3766482.00      0.00001      366473.66      3766482.00      0.00001
366493.66      3766482.00      0.00001      364713.66      3766502.00      0.00000
364733.66      3766502.00      0.00000      364753.66      3766502.00      0.00001
364773.66      3766502.00      0.00001      364793.66      3766502.00      0.00001
364813.66      3766502.00      0.00001      364833.66      3766502.00      0.00001
364853.66      3766502.00      0.00001      364873.66      3766502.00      0.00001
364893.66      3766502.00      0.00001      364913.66      3766502.00      0.00001
364933.66      3766502.00      0.00001      364953.66      3766502.00      0.00001
364973.66      3766502.00      0.00001      364993.66      3766502.00      0.00001
365013.66      3766502.00      0.00001      365033.66      3766502.00      0.00001
365053.66      3766502.00      0.00001      365073.66      3766502.00      0.00001
365093.66      3766502.00      0.00001      365113.66      3766502.00      0.00001
365133.66      3766502.00      0.00001      365153.66      3766502.00      0.00001
365173.66      3766502.00      0.00001      365193.66      3766502.00      0.00001
365213.66      3766502.00      0.00001      365233.66      3766502.00      0.00001
365253.66      3766502.00      0.00001      365273.66      3766502.00      0.00002
365293.66      3766502.00      0.00002      365313.66      3766502.00      0.00002
365333.66      3766502.00      0.00002      365353.66      3766502.00      0.00002
365373.66      3766502.00      0.00002      365393.66      3766502.00      0.00003
1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc      ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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      *** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: ALL      ***
      INCLUDING SOURCE(S):      L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365413.66	3766502.00	0.00003	365433.66	3766502.00	0.00004
365453.66	3766502.00	0.00006	365473.66	3766502.00	0.00011
365493.66	3766502.00	0.00017	365513.66	3766502.00	0.00021
365533.66	3766502.00	0.00016	365553.66	3766502.00	0.00017
365573.66	3766502.00	0.00014	365593.66	3766502.00	0.00019
365613.66	3766502.00	0.00016	365633.66	3766502.00	0.00018
365653.66	3766502.00	0.00022	365673.66	3766502.00	0.00019
365693.66	3766502.00	0.00016	365713.66	3766502.00	0.00013
365733.66	3766502.00	0.00011	365753.66	3766502.00	0.00010
365773.66	3766502.00	0.00008	365793.66	3766502.00	0.00007
365813.66	3766502.00	0.00006	365833.66	3766502.00	0.00005
365853.66	3766502.00	0.00005	365873.66	3766502.00	0.00004
365893.66	3766502.00	0.00004	365913.66	3766502.00	0.00004
365933.66	3766502.00	0.00004	365953.66	3766502.00	0.00003
365973.66	3766502.00	0.00003	365993.66	3766502.00	0.00003
366013.66	3766502.00	0.00003	366033.66	3766502.00	0.00002
366053.66	3766502.00	0.00002	366073.66	3766502.00	0.00002
366093.66	3766502.00	0.00002	366113.66	3766502.00	0.00002
366133.66	3766502.00	0.00002	366153.66	3766502.00	0.00002
366173.66	3766502.00	0.00002	366193.66	3766502.00	0.00002
366213.66	3766502.00	0.00002	366233.66	3766502.00	0.00002
366253.66	3766502.00	0.00002	366273.66	3766502.00	0.00002
366293.66	3766502.00	0.00002	366313.66	3766502.00	0.00002
366333.66	3766502.00	0.00002	366353.66	3766502.00	0.00001
366373.66	3766502.00	0.00001	366393.66	3766502.00	0.00001
366413.66	3766502.00	0.00001	366433.66	3766502.00	0.00001
366453.66	3766502.00	0.00001	366473.66	3766502.00	0.00001
366493.66	3766502.00	0.00001	364713.66	3766522.00	0.00000
364733.66	3766522.00	0.00000	364753.66	3766522.00	0.00000
364773.66	3766522.00	0.00001	364793.66	3766522.00	0.00001
364813.66	3766522.00	0.00001	364833.66	3766522.00	0.00001
364853.66	3766522.00	0.00001	364873.66	3766522.00	0.00001
364893.66	3766522.00	0.00001	364913.66	3766522.00	0.00001
364933.66	3766522.00	0.00001	364953.66	3766522.00	0.00001
364973.66	3766522.00	0.00001	364993.66	3766522.00	0.00001
365013.66	3766522.00	0.00001	365033.66	3766522.00	0.00001
365053.66	3766522.00	0.00001	365073.66	3766522.00	0.00001
365093.66	3766522.00	0.00001	365113.66	3766522.00	0.00001
365133.66	3766522.00	0.00001	365153.66	3766522.00	0.00001
365173.66	3766522.00	0.00001	365193.66	3766522.00	0.00001

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1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc      ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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      *** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION      VALUES FOR SOURCE GROUP: ALL      ***
      INCLUDING SOURCE(S):      L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365213.66	3766522.00	0.00001	365233.66	3766522.00	0.00001
365253.66	3766522.00	0.00001	365273.66	3766522.00	0.00001
365293.66	3766522.00	0.00002	365313.66	3766522.00	0.00002
365333.66	3766522.00	0.00002	365353.66	3766522.00	0.00002
365373.66	3766522.00	0.00002	365393.66	3766522.00	0.00002
365413.66	3766522.00	0.00003	365433.66	3766522.00	0.00003
365453.66	3766522.00	0.00004	365473.66	3766522.00	0.00006
365493.66	3766522.00	0.00009	365513.66	3766522.00	0.00012
365533.66	3766522.00	0.00015	365553.66	3766522.00	0.00019

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                                PM25op.POU.txt
365573.66 3766522.00 0.00024 365593.66 3766522.00 0.00022
365613.66 3766522.00 0.00021 365633.66 3766522.00 0.00027
365653.66 3766522.00 0.00026 365673.66 3766522.00 0.00023
365693.66 3766522.00 0.00023 365713.66 3766522.00 0.00023
365733.66 3766522.00 0.00023 365753.66 3766522.00 0.00018
365773.66 3766522.00 0.00013 365793.66 3766522.00 0.00011
365813.66 3766522.00 0.00009 365833.66 3766522.00 0.00007
365853.66 3766522.00 0.00007 365873.66 3766522.00 0.00006
365893.66 3766522.00 0.00006 365913.66 3766522.00 0.00005
365933.66 3766522.00 0.00005 365953.66 3766522.00 0.00004
365973.66 3766522.00 0.00004 365993.66 3766522.00 0.00003
366013.66 3766522.00 0.00003 366033.66 3766522.00 0.00003
366053.66 3766522.00 0.00003 366073.66 3766522.00 0.00003
366093.66 3766522.00 0.00003 366113.66 3766522.00 0.00003
366133.66 3766522.00 0.00002 366153.66 3766522.00 0.00002
366173.66 3766522.00 0.00002 366193.66 3766522.00 0.00002
366213.66 3766522.00 0.00002 366233.66 3766522.00 0.00002
366253.66 3766522.00 0.00002 366273.66 3766522.00 0.00002
366293.66 3766522.00 0.00002 366313.66 3766522.00 0.00002
366333.66 3766522.00 0.00002 366353.66 3766522.00 0.00002
366373.66 3766522.00 0.00002 366393.66 3766522.00 0.00002
366413.66 3766522.00 0.00001 366433.66 3766522.00 0.00001
366453.66 3766522.00 0.00001 366473.66 3766522.00 0.00001
366493.66 3766522.00 0.00001 364713.66 3766542.00 0.00000
364733.66 3766542.00 0.00000 364753.66 3766542.00 0.00000
364773.66 3766542.00 0.00001 364793.66 3766542.00 0.00001
364813.66 3766542.00 0.00001 364833.66 3766542.00 0.00001
364853.66 3766542.00 0.00001 364873.66 3766542.00 0.00001
364893.66 3766542.00 0.00001 364913.66 3766542.00 0.00001
364933.66 3766542.00 0.00001 364953.66 3766542.00 0.00001
364973.66 3766542.00 0.00001 364993.66 3766542.00 0.00001
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 84

*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
365013.66 3766542.00 0.00001 365033.66 3766542.00 0.00001
365053.66 3766542.00 0.00001 365073.66 3766542.00 0.00001
365093.66 3766542.00 0.00001 365113.66 3766542.00 0.00001
365133.66 3766542.00 0.00001 365153.66 3766542.00 0.00001
365173.66 3766542.00 0.00001 365193.66 3766542.00 0.00001
365213.66 3766542.00 0.00001 365233.66 3766542.00 0.00001
365253.66 3766542.00 0.00001 365273.66 3766542.00 0.00001
365293.66 3766542.00 0.00002 365313.66 3766542.00 0.00002
365333.66 3766542.00 0.00002 365353.66 3766542.00 0.00002
365373.66 3766542.00 0.00002 365393.66 3766542.00 0.00002
365413.66 3766542.00 0.00002 365433.66 3766542.00 0.00003
365453.66 3766542.00 0.00004 365473.66 3766542.00 0.00004
365493.66 3766542.00 0.00006 365513.66 3766542.00 0.00007
365533.66 3766542.00 0.00009 365553.66 3766542.00 0.00011
365573.66 3766542.00 0.00014 365593.66 3766542.00 0.00018
365613.66 3766542.00 0.00025 365633.66 3766542.00 0.00034
365653.66 3766542.00 0.00038 365673.66 3766542.00 0.00040
365693.66 3766542.00 0.00036 365713.66 3766542.00 0.00034
365733.66 3766542.00 0.00029 365753.66 3766542.00 0.00024
365773.66 3766542.00 0.00020 365793.66 3766542.00 0.00018
365813.66 3766542.00 0.00015 365833.66 3766542.00 0.00012
365853.66 3766542.00 0.00010 365873.66 3766542.00 0.00009
365893.66 3766542.00 0.00008 365913.66 3766542.00 0.00007
365933.66 3766542.00 0.00006 365953.66 3766542.00 0.00005
365973.66 3766542.00 0.00005 365993.66 3766542.00 0.00004
366013.66 3766542.00 0.00004 366033.66 3766542.00 0.00004
366053.66 3766542.00 0.00003 366073.66 3766542.00 0.00003
366093.66 3766542.00 0.00003 366113.66 3766542.00 0.00003
366133.66 3766542.00 0.00003 366153.66 3766542.00 0.00003
366173.66 3766542.00 0.00003 366193.66 3766542.00 0.00003
366213.66 3766542.00 0.00003 366233.66 3766542.00 0.00002
366253.66 3766542.00 0.00002 366273.66 3766542.00 0.00002
366293.66 3766542.00 0.00002 366313.66 3766542.00 0.00002
366333.66 3766542.00 0.00002 366353.66 3766542.00 0.00002
366373.66 3766542.00 0.00002 366393.66 3766542.00 0.00002
366413.66 3766542.00 0.00002 366433.66 3766542.00 0.00002
366453.66 3766542.00 0.00001 366473.66 3766542.00 0.00001
366493.66 3766542.00 0.00001 364713.66 3766562.00 0.00000
364733.66 3766562.00 0.00000 364753.66 3766562.00 0.00000
364773.66 3766562.00 0.00000 364793.66 3766562.00 0.00001
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 85

*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
364813.66 3766562.00 0.00001 364833.66 3766562.00 0.00001
364853.66 3766562.00 0.00001 364873.66 3766562.00 0.00001
364893.66 3766562.00 0.00001 364913.66 3766562.00 0.00001
364933.66 3766562.00 0.00001 364953.66 3766562.00 0.00001
364973.66 3766562.00 0.00001 364993.66 3766562.00 0.00001
365013.66 3766562.00 0.00001 365033.66 3766562.00 0.00001
365053.66 3766562.00 0.00001 365073.66 3766562.00 0.00001
365093.66 3766562.00 0.00001 365113.66 3766562.00 0.00001
365133.66 3766562.00 0.00001 365153.66 3766562.00 0.00001
365173.66 3766562.00 0.00001 365193.66 3766562.00 0.00001
365213.66 3766562.00 0.00001 365233.66 3766562.00 0.00001
365253.66 3766562.00 0.00001 365273.66 3766562.00 0.00001
365293.66 3766562.00 0.00001 365313.66 3766562.00 0.00002
365333.66 3766562.00 0.00002 365353.66 3766562.00 0.00002
365373.66 3766562.00 0.00002 365393.66 3766562.00 0.00002
Page 74
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                                PM25op.POU.txt
365413.66 3766562.00 0.00002 365433.66 3766562.00 0.00003
365453.66 3766562.00 0.00003 365473.66 3766562.00 0.00004
365493.66 3766562.00 0.00004 365513.66 3766562.00 0.00005
365533.66 3766562.00 0.00006 365553.66 3766562.00 0.00007
365573.66 3766562.00 0.00009 365593.66 3766562.00 0.00011
365613.66 3766562.00 0.00014 365633.66 3766562.00 0.00017
365653.66 3766562.00 0.00021 365673.66 3766562.00 0.00026
365693.66 3766562.00 0.00033 365713.66 3766562.00 0.00038
365733.66 3766562.00 0.00034 365753.66 3766562.00 0.00033
365773.66 3766562.00 0.00026 365793.66 3766562.00 0.00021
365813.66 3766562.00 0.00017 365833.66 3766562.00 0.00015
365853.66 3766562.00 0.00017 365873.66 3766562.00 0.00013
365893.66 3766562.00 0.00016 365913.66 3766562.00 0.00014
365933.66 3766562.00 0.00010 365953.66 3766562.00 0.00008
365973.66 3766562.00 0.00007 365993.66 3766562.00 0.00006
366013.66 3766562.00 0.00005 366033.66 3766562.00 0.00005
366053.66 3766562.00 0.00005 366073.66 3766562.00 0.00004
366093.66 3766562.00 0.00004 366113.66 3766562.00 0.00004
366133.66 3766562.00 0.00004 366153.66 3766562.00 0.00004
366173.66 3766562.00 0.00003 366193.66 3766562.00 0.00003
366213.66 3766562.00 0.00003 366233.66 3766562.00 0.00003
366253.66 3766562.00 0.00003 366273.66 3766562.00 0.00003
366293.66 3766562.00 0.00003 366313.66 3766562.00 0.00002
366333.66 3766562.00 0.00002 366353.66 3766562.00 0.00002
366373.66 3766562.00 0.00002 366393.66 3766562.00 0.00002
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXP0\Expo HRA\EXP0hra.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366413.66	3766562.00	0.00002	366433.66	3766562.00	0.00002
366453.66	3766562.00	0.00002	366473.66	3766562.00	0.00001
366493.66	3766562.00	0.00001	364713.66	3766582.00	0.00000
364733.66	3766582.00	0.00000	364753.66	3766582.00	0.00000
364773.66	3766582.00	0.00000	364793.66	3766582.00	0.00000
364813.66	3766582.00	0.00001	364833.66	3766582.00	0.00001
364853.66	3766582.00	0.00001	364873.66	3766582.00	0.00001
364893.66	3766582.00	0.00001	364913.66	3766582.00	0.00001
364933.66	3766582.00	0.00001	364953.66	3766582.00	0.00001
364973.66	3766582.00	0.00001	364993.66	3766582.00	0.00001
365013.66	3766582.00	0.00001	365033.66	3766582.00	0.00001
365053.66	3766582.00	0.00001	365073.66	3766582.00	0.00001
365093.66	3766582.00	0.00001	365113.66	3766582.00	0.00001
365133.66	3766582.00	0.00001	365153.66	3766582.00	0.00001
365173.66	3766582.00	0.00001	365193.66	3766582.00	0.00001
365213.66	3766582.00	0.00001	365233.66	3766582.00	0.00001
365253.66	3766582.00	0.00001	365273.66	3766582.00	0.00001
365293.66	3766582.00	0.00001	365313.66	3766582.00	0.00001
365333.66	3766582.00	0.00002	365353.66	3766582.00	0.00002
365373.66	3766582.00	0.00002	365393.66	3766582.00	0.00002
365413.66	3766582.00	0.00002	365433.66	3766582.00	0.00002
365453.66	3766582.00	0.00003	365473.66	3766582.00	0.00003
365493.66	3766582.00	0.00003	365513.66	3766582.00	0.00004
365533.66	3766582.00	0.00005	365553.66	3766582.00	0.00005
365573.66	3766582.00	0.00006	365593.66	3766582.00	0.00007
365613.66	3766582.00	0.00009	365633.66	3766582.00	0.00011
365653.66	3766582.00	0.00013	365673.66	3766582.00	0.00015
365693.66	3766582.00	0.00017	365713.66	3766582.00	0.00020
365733.66	3766582.00	0.00023	365753.66	3766582.00	0.00025
365773.66	3766582.00	0.00026	365793.66	3766582.00	0.00027
365813.66	3766582.00	0.00025	365833.66	3766582.00	0.00027
365853.66	3766582.00	0.00023	365873.66	3766582.00	0.00022
365893.66	3766582.00	0.00026	365913.66	3766582.00	0.00037
365933.66	3766582.00	0.00015	365953.66	3766582.00	0.00013
365973.66	3766582.00	0.00011	365993.66	3766582.00	0.00009
366013.66	3766582.00	0.00008	366033.66	3766582.00	0.00007
366053.66	3766582.00	0.00007	366073.66	3766582.00	0.00006
366093.66	3766582.00	0.00006	366113.66	3766582.00	0.00005
366133.66	3766582.00	0.00005	366153.66	3766582.00	0.00005
366173.66	3766582.00	0.00004	366193.66	3766582.00	0.00004

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXP0\Expo HRA\EXP0hra.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366213.66	3766582.00	0.00004	366233.66	3766582.00	0.00004
366253.66	3766582.00	0.00003	366273.66	3766582.00	0.00003
366293.66	3766582.00	0.00003	366313.66	3766582.00	0.00003
366333.66	3766582.00	0.00003	366353.66	3766582.00	0.00002
366373.66	3766582.00	0.00002	366393.66	3766582.00	0.00002
366413.66	3766582.00	0.00002	366433.66	3766582.00	0.00002
366453.66	3766582.00	0.00002	366473.66	3766582.00	0.00002
366493.66	3766582.00	0.00002	364713.66	3766602.00	0.00000
364733.66	3766602.00	0.00000	364753.66	3766602.00	0.00000
364773.66	3766602.00	0.00000	364793.66	3766602.00	0.00000
364813.66	3766602.00	0.00001	364833.66	3766602.00	0.00001
364853.66	3766602.00	0.00001	364873.66	3766602.00	0.00001
364893.66	3766602.00	0.00001	364913.66	3766602.00	0.00001
364933.66	3766602.00	0.00001	364953.66	3766602.00	0.00001
364973.66	3766602.00	0.00001	364993.66	3766602.00	0.00001
365013.66	3766602.00	0.00001	365033.66	3766602.00	0.00001
365053.66	3766602.00	0.00001	365073.66	3766602.00	0.00001
365093.66	3766602.00	0.00001	365113.66	3766602.00	0.00001
365133.66	3766602.00	0.00001	365153.66	3766602.00	0.00001
365173.66	3766602.00	0.00001	365193.66	3766602.00	0.00001
365213.66	3766602.00	0.00001	365233.66	3766602.00	0.00001

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365253.66 3766602.00 0.00001 PM25op.POU.txt 365273.66 3766602.00 0.00001
365293.66 3766602.00 0.00001 365313.66 3766602.00 0.00001
365333.66 3766602.00 0.00001 365353.66 3766602.00 0.00001
365373.66 3766602.00 0.00002 365393.66 3766602.00 0.00002
365413.66 3766602.00 0.00002 365433.66 3766602.00 0.00002
365453.66 3766602.00 0.00002 365473.66 3766602.00 0.00003
365493.66 3766602.00 0.00003 365513.66 3766602.00 0.00003
365533.66 3766602.00 0.00004 365553.66 3766602.00 0.00004
365573.66 3766602.00 0.00005 365593.66 3766602.00 0.00006
365613.66 3766602.00 0.00006 365633.66 3766602.00 0.00007
365653.66 3766602.00 0.00008 365673.66 3766602.00 0.00010
365693.66 3766602.00 0.00011 365713.66 3766602.00 0.00012
365733.66 3766602.00 0.00014 365753.66 3766602.00 0.00015
365773.66 3766602.00 0.00015 365793.66 3766602.00 0.00016
365813.66 3766602.00 0.00017 365833.66 3766602.00 0.00019
365853.66 3766602.00 0.00021 365873.66 3766602.00 0.00023
365893.66 3766602.00 0.00025 365913.66 3766602.00 0.00025
365933.66 3766602.00 0.00020 365953.66 3766602.00 0.00016
365973.66 3766602.00 0.00014 365993.66 3766602.00 0.00013
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366013.66	3766602.00	0.00011	366033.66	3766602.00	0.00013
366053.66	3766602.00	0.00012	366073.66	3766602.00	0.00011
366093.66	3766602.00	0.00009	366113.66	3766602.00	0.00008
366133.66	3766602.00	0.00007	366153.66	3766602.00	0.00007
366173.66	3766602.00	0.00006	366193.66	3766602.00	0.00005
366213.66	3766602.00	0.00005	366233.66	3766602.00	0.00005
366253.66	3766602.00	0.00004	366273.66	3766602.00	0.00004
366293.66	3766602.00	0.00004	366313.66	3766602.00	0.00003
366333.66	3766602.00	0.00003	366353.66	3766602.00	0.00003
366373.66	3766602.00	0.00003	366393.66	3766602.00	0.00002
366413.66	3766602.00	0.00002	366433.66	3766602.00	0.00002
366453.66	3766602.00	0.00002	366473.66	3766602.00	0.00002
366493.66	3766602.00	0.00002	364713.66	3766622.00	0.00000
364733.66	3766622.00	0.00000	364753.66	3766622.00	0.00000
364773.66	3766622.00	0.00000	364793.66	3766622.00	0.00000
364813.66	3766622.00	0.00000	364833.66	3766622.00	0.00001
364853.66	3766622.00	0.00001	364873.66	3766622.00	0.00001
364893.66	3766622.00	0.00001	364913.66	3766622.00	0.00001
364933.66	3766622.00	0.00001	364953.66	3766622.00	0.00001
364973.66	3766622.00	0.00001	364993.66	3766622.00	0.00001
365013.66	3766622.00	0.00001	365033.66	3766622.00	0.00001
365053.66	3766622.00	0.00001	365073.66	3766622.00	0.00001
365093.66	3766622.00	0.00001	365113.66	3766622.00	0.00001
365133.66	3766622.00	0.00001	365153.66	3766622.00	0.00001
365173.66	3766622.00	0.00001	365193.66	3766622.00	0.00001
365213.66	3766622.00	0.00001	365233.66	3766622.00	0.00001
365253.66	3766622.00	0.00001	365273.66	3766622.00	0.00001
365293.66	3766622.00	0.00001	365313.66	3766622.00	0.00001
365333.66	3766622.00	0.00001	365353.66	3766622.00	0.00001
365373.66	3766622.00	0.00001	365393.66	3766622.00	0.00002
365413.66	3766622.00	0.00002	365433.66	3766622.00	0.00002
365453.66	3766622.00	0.00002	365473.66	3766622.00	0.00002
365493.66	3766622.00	0.00002	365513.66	3766622.00	0.00003
365533.66	3766622.00	0.00003	365553.66	3766622.00	0.00003
365573.66	3766622.00	0.00004	365593.66	3766622.00	0.00004
365613.66	3766622.00	0.00005	365633.66	3766622.00	0.00006
365653.66	3766622.00	0.00006	365673.66	3766622.00	0.00007
365693.66	3766622.00	0.00008	365713.66	3766622.00	0.00009
365733.66	3766622.00	0.00009	365753.66	3766622.00	0.00010
365773.66	3766622.00	0.00011	365793.66	3766622.00	0.00011

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365813.66	3766622.00	0.00012	365833.66	3766622.00	0.00012
365853.66	3766622.00	0.00013	365873.66	3766622.00	0.00013
365893.66	3766622.00	0.00014	365913.66	3766622.00	0.00016
365933.66	3766622.00	0.00018	365953.66	3766622.00	0.00019
365973.66	3766622.00	0.00015	365993.66	3766622.00	0.00016
366013.66	3766622.00	0.00016	366033.66	3766622.00	0.00014
366053.66	3766622.00	0.00015	366073.66	3766622.00	0.00017
366093.66	3766622.00	0.00016	366113.66	3766622.00	0.00016
366133.66	3766622.00	0.00013	366153.66	3766622.00	0.00011
366173.66	3766622.00	0.00010	366193.66	3766622.00	0.00008
366213.66	3766622.00	0.00007	366233.66	3766622.00	0.00007
366253.66	3766622.00	0.00006	366273.66	3766622.00	0.00005
366293.66	3766622.00	0.00005	366313.66	3766622.00	0.00004
366333.66	3766622.00	0.00004	366353.66	3766622.00	0.00004
366373.66	3766622.00	0.00003	366393.66	3766622.00	0.00003
366413.66	3766622.00	0.00003	366433.66	3766622.00	0.00002
366453.66	3766622.00	0.00002	366473.66	3766622.00	0.00002
366493.66	3766622.00	0.00002	364713.66	3766642.00	0.00000
364733.66	3766642.00	0.00000	364753.66	3766642.00	0.00000
364773.66	3766642.00	0.00000	364793.66	3766642.00	0.00000
364813.66	3766642.00	0.00000	364833.66	3766642.00	0.00000
364853.66	3766642.00	0.00000	364873.66	3766642.00	0.00001
364893.66	3766642.00	0.00001	364913.66	3766642.00	0.00001
364933.66	3766642.00	0.00001	364953.66	3766642.00	0.00001
364973.66	3766642.00	0.00001	364993.66	3766642.00	0.00001
365013.66	3766642.00	0.00001	365033.66	3766642.00	0.00001
365053.66	3766642.00	0.00001	365073.66	3766642.00	0.00001

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                                PM25op.POU.txt
365093.66    3766642.00    0.00001    365113.66    3766642.00    0.00001
365133.66    3766642.00    0.00001    365153.66    3766642.00    0.00001
365173.66    3766642.00    0.00001    365193.66    3766642.00    0.00001
365213.66    3766642.00    0.00001    365233.66    3766642.00    0.00001
365253.66    3766642.00    0.00001    365273.66    3766642.00    0.00001
365293.66    3766642.00    0.00001    365313.66    3766642.00    0.00001
365333.66    3766642.00    0.00001    365353.66    3766642.00    0.00001
365373.66    3766642.00    0.00001    365393.66    3766642.00    0.00001
365413.66    3766642.00    0.00002    365433.66    3766642.00    0.00002
365453.66    3766642.00    0.00002    365473.66    3766642.00    0.00002
365493.66    3766642.00    0.00002    365513.66    3766642.00    0.00002
365533.66    3766642.00    0.00003    365553.66    3766642.00    0.00003
365573.66    3766642.00    0.00003    365593.66    3766642.00    0.00003
1 *** ISC3P - VERSION 04269 ***    *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc    ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL    ***
    INCLUDING SOURCE(S):    L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365613.66	3766642.00	0.00004	365633.66	3766642.00	0.00004
365653.66	3766642.00	0.00005	365673.66	3766642.00	0.00005
365693.66	3766642.00	0.00006	365713.66	3766642.00	0.00006
365733.66	3766642.00	0.00007	365753.66	3766642.00	0.00007
365773.66	3766642.00	0.00008	365793.66	3766642.00	0.00008
365813.66	3766642.00	0.00009	365833.66	3766642.00	0.00009
365853.66	3766642.00	0.00009	365873.66	3766642.00	0.00009
365893.66	3766642.00	0.00010	365913.66	3766642.00	0.00010
365933.66	3766642.00	0.00011	365953.66	3766642.00	0.00012
365973.66	3766642.00	0.00014	365993.66	3766642.00	0.00016
366013.66	3766642.00	0.00020	366033.66	3766642.00	0.00023
366053.66	3766642.00	0.00027	366073.66	3766642.00	0.00025
366093.66	3766642.00	0.00025	366113.66	3766642.00	0.00022
366133.66	3766642.00	0.00019	366153.66	3766642.00	0.00016
366173.66	3766642.00	0.00017	366193.66	3766642.00	0.00016
366213.66	3766642.00	0.00013	366233.66	3766642.00	0.00011
366253.66	3766642.00	0.00009	366273.66	3766642.00	0.00008
366293.66	3766642.00	0.00007	366313.66	3766642.00	0.00006
366333.66	3766642.00	0.00005	366353.66	3766642.00	0.00005
366373.66	3766642.00	0.00004	366393.66	3766642.00	0.00004
366413.66	3766642.00	0.00003	366433.66	3766642.00	0.00003
366453.66	3766642.00	0.00003	366473.66	3766642.00	0.00003
366493.66	3766642.00	0.00002	364713.66	3766662.00	0.00000
364733.66	3766662.00	0.00000	364753.66	3766662.00	0.00000
364773.66	3766662.00	0.00000	364793.66	3766662.00	0.00000
364813.66	3766662.00	0.00000	364833.66	3766662.00	0.00000
364853.66	3766662.00	0.00000	364873.66	3766662.00	0.00000
364893.66	3766662.00	0.00001	364913.66	3766662.00	0.00001
364933.66	3766662.00	0.00001	364953.66	3766662.00	0.00001
364973.66	3766662.00	0.00001	364993.66	3766662.00	0.00001
365013.66	3766662.00	0.00001	365033.66	3766662.00	0.00001
365053.66	3766662.00	0.00001	365073.66	3766662.00	0.00001
365093.66	3766662.00	0.00001	365113.66	3766662.00	0.00001
365133.66	3766662.00	0.00001	365153.66	3766662.00	0.00001
365173.66	3766662.00	0.00001	365193.66	3766662.00	0.00001
365213.66	3766662.00	0.00001	365233.66	3766662.00	0.00001
365253.66	3766662.00	0.00001	365273.66	3766662.00	0.00001
365293.66	3766662.00	0.00001	365313.66	3766662.00	0.00001
365333.66	3766662.00	0.00001	365353.66	3766662.00	0.00001
365373.66	3766662.00	0.00001	365393.66	3766662.00	0.00001

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1 *** ISC3P - VERSION 04269 ***    *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc    ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION    VALUES FOR SOURCE GROUP: ALL    ***
    INCLUDING SOURCE(S):    L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365413.66	3766662.00	0.00001	365433.66	3766662.00	0.00002
365453.66	3766662.00	0.00002	365473.66	3766662.00	0.00002
365493.66	3766662.00	0.00002	365513.66	3766662.00	0.00002
365533.66	3766662.00	0.00002	365553.66	3766662.00	0.00002
365573.66	3766662.00	0.00003	365593.66	3766662.00	0.00003
365613.66	3766662.00	0.00003	365633.66	3766662.00	0.00004
365653.66	3766662.00	0.00004	365673.66	3766662.00	0.00004
365693.66	3766662.00	0.00005	365713.66	3766662.00	0.00005
365733.66	3766662.00	0.00005	365753.66	3766662.00	0.00006
365773.66	3766662.00	0.00006	365793.66	3766662.00	0.00006
365813.66	3766662.00	0.00007	365833.66	3766662.00	0.00007
365853.66	3766662.00	0.00007	365873.66	3766662.00	0.00007
365893.66	3766662.00	0.00008	365913.66	3766662.00	0.00008
365933.66	3766662.00	0.00008	365953.66	3766662.00	0.00009
365973.66	3766662.00	0.00010	365993.66	3766662.00	0.00011
366013.66	3766662.00	0.00012	366033.66	3766662.00	0.00015
366053.66	3766662.00	0.00019	366073.66	3766662.00	0.00023
366093.66	3766662.00	0.00027	366113.66	3766662.00	0.00026
366133.66	3766662.00	0.00021	366153.66	3766662.00	0.00021
366173.66	3766662.00	0.00020	366193.66	3766662.00	0.00016
366213.66	3766662.00	0.00019	366233.66	3766662.00	0.00018
366253.66	3766662.00	0.00017	366273.66	3766662.00	0.00015
366293.66	3766662.00	0.00012	366313.66	3766662.00	0.00010
366333.66	3766662.00	0.00008	366353.66	3766662.00	0.00006
366373.66	3766662.00	0.00005	366393.66	3766662.00	0.00005
366413.66	3766662.00	0.00004	366433.66	3766662.00	0.00004
366453.66	3766662.00	0.00003	366473.66	3766662.00	0.00003
366493.66	3766662.00	0.00003	364713.66	3766682.00	0.00000
364733.66	3766682.00	0.00000	364753.66	3766682.00	0.00000
364773.66	3766682.00	0.00000	364793.66	3766682.00	0.00000
364813.66	3766682.00	0.00000	364833.66	3766682.00	0.00000
364853.66	3766682.00	0.00000	364873.66	3766682.00	0.00000
364893.66	3766682.00	0.00000	364913.66	3766682.00	0.00000


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364933.66 3766682.00 0.00001 PM25op.POU.txt 364953.66 3766682.00 0.00001
364973.66 3766682.00 0.00001 364993.66 3766682.00 0.00001
365013.66 3766682.00 0.00001 365033.66 3766682.00 0.00001
365053.66 3766682.00 0.00001 365073.66 3766682.00 0.00001
365093.66 3766682.00 0.00001 365113.66 3766682.00 0.00001
365133.66 3766682.00 0.00001 365153.66 3766682.00 0.00001
365173.66 3766682.00 0.00001 365193.66 3766682.00 0.00001
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365213.66	3766682.00	0.00001	365233.66	3766682.00	0.00001
365253.66	3766682.00	0.00001	365273.66	3766682.00	0.00001
365293.66	3766682.00	0.00001	365313.66	3766682.00	0.00001
365333.66	3766682.00	0.00001	365353.66	3766682.00	0.00001
365373.66	3766682.00	0.00001	365393.66	3766682.00	0.00001
365413.66	3766682.00	0.00001	365433.66	3766682.00	0.00001
365453.66	3766682.00	0.00001	365473.66	3766682.00	0.00002
365493.66	3766682.00	0.00002	365513.66	3766682.00	0.00002
365533.66	3766682.00	0.00002	365553.66	3766682.00	0.00002
365573.66	3766682.00	0.00002	365593.66	3766682.00	0.00002
365613.66	3766682.00	0.00003	365633.66	3766682.00	0.00003
365653.66	3766682.00	0.00003	365673.66	3766682.00	0.00003
365693.66	3766682.00	0.00004	365713.66	3766682.00	0.00004
365733.66	3766682.00	0.00004	365753.66	3766682.00	0.00005
365773.66	3766682.00	0.00005	365793.66	3766682.00	0.00005
365813.66	3766682.00	0.00005	365833.66	3766682.00	0.00006
365853.66	3766682.00	0.00006	365873.66	3766682.00	0.00006
365893.66	3766682.00	0.00006	365913.66	3766682.00	0.00006
365933.66	3766682.00	0.00007	365953.66	3766682.00	0.00007
365973.66	3766682.00	0.00007	365993.66	3766682.00	0.00008
366013.66	3766682.00	0.00009	366033.66	3766682.00	0.00010
366053.66	3766682.00	0.00011	366073.66	3766682.00	0.00013
366093.66	3766682.00	0.00015	366113.66	3766682.00	0.00018
366133.66	3766682.00	0.00021	366153.66	3766682.00	0.00025
366173.66	3766682.00	0.00028	366193.66	3766682.00	0.00027
366213.66	3766682.00	0.00024	366233.66	3766682.00	0.00024
366253.66	3766682.00	0.00022	366273.66	3766682.00	0.00019
366293.66	3766682.00	0.00015	366313.66	3766682.00	0.00015
366333.66	3766682.00	0.00013	366353.66	3766682.00	0.00010
366373.66	3766682.00	0.00008	366393.66	3766682.00	0.00007
366413.66	3766682.00	0.00006	366433.66	3766682.00	0.00005
366453.66	3766682.00	0.00004	366473.66	3766682.00	0.00004
366493.66	3766682.00	0.00004	364713.66	3766702.00	0.00000
364733.66	3766702.00	0.00000	364753.66	3766702.00	0.00000
364773.66	3766702.00	0.00000	364793.66	3766702.00	0.00000
364813.66	3766702.00	0.00000	364833.66	3766702.00	0.00000
364853.66	3766702.00	0.00000	364873.66	3766702.00	0.00000
364893.66	3766702.00	0.00000	364913.66	3766702.00	0.00000
364933.66	3766702.00	0.00000	364953.66	3766702.00	0.00001
364973.66	3766702.00	0.00001	364993.66	3766702.00	0.00001

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
365013.66	3766702.00	0.00001	365033.66	3766702.00	0.00001
365053.66	3766702.00	0.00001	365073.66	3766702.00	0.00001
365093.66	3766702.00	0.00001	365113.66	3766702.00	0.00001
365133.66	3766702.00	0.00001	365153.66	3766702.00	0.00001
365173.66	3766702.00	0.00001	365193.66	3766702.00	0.00001
365213.66	3766702.00	0.00001	365233.66	3766702.00	0.00001
365253.66	3766702.00	0.00001	365273.66	3766702.00	0.00001
365293.66	3766702.00	0.00001	365313.66	3766702.00	0.00001
365333.66	3766702.00	0.00001	365353.66	3766702.00	0.00001
365373.66	3766702.00	0.00001	365393.66	3766702.00	0.00001
365413.66	3766702.00	0.00001	365433.66	3766702.00	0.00001
365453.66	3766702.00	0.00001	365473.66	3766702.00	0.00001
365493.66	3766702.00	0.00002	365513.66	3766702.00	0.00002
365533.66	3766702.00	0.00002	365553.66	3766702.00	0.00002
365573.66	3766702.00	0.00002	365593.66	3766702.00	0.00002
365613.66	3766702.00	0.00002	365633.66	3766702.00	0.00003
365653.66	3766702.00	0.00003	365673.66	3766702.00	0.00003
365693.66	3766702.00	0.00003	365713.66	3766702.00	0.00003
365733.66	3766702.00	0.00004	365753.66	3766702.00	0.00004
365773.66	3766702.00	0.00004	365793.66	3766702.00	0.00004
365813.66	3766702.00	0.00004	365833.66	3766702.00	0.00005
365853.66	3766702.00	0.00005	365873.66	3766702.00	0.00005
365893.66	3766702.00	0.00005	365913.66	3766702.00	0.00005
365933.66	3766702.00	0.00005	365953.66	3766702.00	0.00006
365973.66	3766702.00	0.00006	365993.66	3766702.00	0.00006
366013.66	3766702.00	0.00007	366033.66	3766702.00	0.00007
366053.66	3766702.00	0.00008	366073.66	3766702.00	0.00009
366093.66	3766702.00	0.00010	366113.66	3766702.00	0.00011
366133.66	3766702.00	0.00012	366153.66	3766702.00	0.00014
366173.66	3766702.00	0.00016	366193.66	3766702.00	0.00018
366213.66	3766702.00	0.00022	366233.66	3766702.00	0.00025
366253.66	3766702.00	0.00028	366273.66	3766702.00	0.00027
366293.66	3766702.00	0.00022	366313.66	3766702.00	0.00020
366333.66	3766702.00	0.00018	366353.66	3766702.00	0.00014
366373.66	3766702.00	0.00011	366393.66	3766702.00	0.00009
366413.66	3766702.00	0.00010	366433.66	3766702.00	0.00008
366453.66	3766702.00	0.00007	366473.66	3766702.00	0.00006
366493.66	3766702.00	0.00005	364713.66	3766722.00	0.00000
364733.66	3766722.00	0.00000	364753.66	3766722.00	0.00000

364773.66 3766722.00 0.00000 PM25op.POU.txt 364793.66 3766722.00 0.00000
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 94

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364813.66	3766722.00	0.00000	364833.66	3766722.00	0.00000
364853.66	3766722.00	0.00000	364873.66	3766722.00	0.00000
364893.66	3766722.00	0.00000	364913.66	3766722.00	0.00000
364933.66	3766722.00	0.00000	364953.66	3766722.00	0.00000
364973.66	3766722.00	0.00000	364993.66	3766722.00	0.00001
365013.66	3766722.00	0.00001	365033.66	3766722.00	0.00001
365053.66	3766722.00	0.00001	365073.66	3766722.00	0.00001
365093.66	3766722.00	0.00001	365113.66	3766722.00	0.00001
365133.66	3766722.00	0.00001	365153.66	3766722.00	0.00001
365173.66	3766722.00	0.00001	365193.66	3766722.00	0.00001
365213.66	3766722.00	0.00001	365233.66	3766722.00	0.00001
365253.66	3766722.00	0.00001	365273.66	3766722.00	0.00001
365293.66	3766722.00	0.00001	365313.66	3766722.00	0.00001
365333.66	3766722.00	0.00001	365353.66	3766722.00	0.00001
365373.66	3766722.00	0.00001	365393.66	3766722.00	0.00001
365413.66	3766722.00	0.00001	365433.66	3766722.00	0.00001
365453.66	3766722.00	0.00001	365473.66	3766722.00	0.00001
365493.66	3766722.00	0.00001	365513.66	3766722.00	0.00001
365533.66	3766722.00	0.00002	365553.66	3766722.00	0.00002
365573.66	3766722.00	0.00002	365593.66	3766722.00	0.00002
365613.66	3766722.00	0.00002	365633.66	3766722.00	0.00002
365653.66	3766722.00	0.00002	365673.66	3766722.00	0.00003
365693.66	3766722.00	0.00003	365713.66	3766722.00	0.00003
365733.66	3766722.00	0.00003	365753.66	3766722.00	0.00003
365773.66	3766722.00	0.00003	365793.66	3766722.00	0.00004
365813.66	3766722.00	0.00004	365833.66	3766722.00	0.00004
365853.66	3766722.00	0.00004	365873.66	3766722.00	0.00004
365893.66	3766722.00	0.00004	365913.66	3766722.00	0.00004
365933.66	3766722.00	0.00005	365953.66	3766722.00	0.00005
365973.66	3766722.00	0.00005	365993.66	3766722.00	0.00005
366013.66	3766722.00	0.00005	366033.66	3766722.00	0.00006
366053.66	3766722.00	0.00006	366073.66	3766722.00	0.00007
366093.66	3766722.00	0.00007	366113.66	3766722.00	0.00008
366133.66	3766722.00	0.00009	366153.66	3766722.00	0.00009
366173.66	3766722.00	0.00010	366193.66	3766722.00	0.00011
366213.66	3766722.00	0.00013	366233.66	3766722.00	0.00014
366253.66	3766722.00	0.00016	366273.66	3766722.00	0.00018
366293.66	3766722.00	0.00020	366313.66	3766722.00	0.00021
366333.66	3766722.00	0.00020	366353.66	3766722.00	0.00014
366373.66	3766722.00	0.00013	366393.66	3766722.00	0.00012

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 95

*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366413.66	3766722.00	0.00010	366433.66	3766722.00	0.00009
366453.66	3766722.00	0.00010	366473.66	3766722.00	0.00008
366493.66	3766722.00	0.00007	3664713.66	3766742.00	0.00000
364733.66	3766742.00	0.00000	364753.66	3766742.00	0.00000
364773.66	3766742.00	0.00000	364793.66	3766742.00	0.00000
364813.66	3766742.00	0.00000	364833.66	3766742.00	0.00000
364853.66	3766742.00	0.00000	364873.66	3766742.00	0.00000
364893.66	3766742.00	0.00000	364913.66	3766742.00	0.00000
364933.66	3766742.00	0.00000	364953.66	3766742.00	0.00000
364973.66	3766742.00	0.00000	364993.66	3766742.00	0.00000
365013.66	3766742.00	0.00000	365033.66	3766742.00	0.00001
365053.66	3766742.00	0.00001	365073.66	3766742.00	0.00001
365093.66	3766742.00	0.00001	365113.66	3766742.00	0.00001
365133.66	3766742.00	0.00001	365153.66	3766742.00	0.00001
365173.66	3766742.00	0.00001	365193.66	3766742.00	0.00001
365213.66	3766742.00	0.00001	365233.66	3766742.00	0.00001
365253.66	3766742.00	0.00001	365273.66	3766742.00	0.00001
365293.66	3766742.00	0.00001	365313.66	3766742.00	0.00001
365333.66	3766742.00	0.00001	365353.66	3766742.00	0.00001
365373.66	3766742.00	0.00001	365393.66	3766742.00	0.00001
365413.66	3766742.00	0.00001	365433.66	3766742.00	0.00001
365453.66	3766742.00	0.00001	365473.66	3766742.00	0.00001
365493.66	3766742.00	0.00001	365513.66	3766742.00	0.00001
365533.66	3766742.00	0.00001	365553.66	3766742.00	0.00002
365573.66	3766742.00	0.00002	365593.66	3766742.00	0.00002
365613.66	3766742.00	0.00002	365633.66	3766742.00	0.00002
365653.66	3766742.00	0.00002	365673.66	3766742.00	0.00002
365693.66	3766742.00	0.00002	365713.66	3766742.00	0.00002
365733.66	3766742.00	0.00003	365753.66	3766742.00	0.00003
365773.66	3766742.00	0.00003	365793.66	3766742.00	0.00003
365813.66	3766742.00	0.00003	365833.66	3766742.00	0.00003
365853.66	3766742.00	0.00003	365873.66	3766742.00	0.00004
365893.66	3766742.00	0.00004	365913.66	3766742.00	0.00004
365933.66	3766742.00	0.00004	365953.66	3766742.00	0.00004
365973.66	3766742.00	0.00004	365993.66	3766742.00	0.00004
366013.66	3766742.00	0.00004	366033.66	3766742.00	0.00005
366053.66	3766742.00	0.00005	366073.66	3766742.00	0.00005
366093.66	3766742.00	0.00006	366113.66	3766742.00	0.00006
366133.66	3766742.00	0.00006	366153.66	3766742.00	0.00007
366173.66	3766742.00	0.00007	366193.66	3766742.00	0.00008

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 96

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                                PM25op.POU.txt
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
    INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5      IN MICROGRAMS/M**3      **

X-COORD (M)  Y-COORD (M)  CONC      X-COORD (M)  Y-COORD (M)  CONC
-----
366213.66    3766742.00    0.00009    366233.66    3766742.00    0.00009
366253.66    3766742.00    0.00010    366273.66    3766742.00    0.00011
366293.66    3766742.00    0.00012    366313.66    3766742.00    0.00012
366333.66    3766742.00    0.00012    366353.66    3766742.00    0.00013
366373.66    3766742.00    0.00013    366393.66    3766742.00    0.00014
366413.66    3766742.00    0.00015    366433.66    3766742.00    0.00014
366453.66    3766742.00    0.00012    366473.66    3766742.00    0.00010
366493.66    3766742.00    0.00009    366488.66    3766117.00    0.00001
364738.66    3766117.00    0.00001    364788.66    3766117.00    0.00001
364838.66    3766117.00    0.00001    364888.66    3766117.00    0.00002
364938.66    3766117.00    0.00003    364988.66    3766117.00    0.00002
365038.66    3766117.00    0.00001    365088.66    3766117.00    0.00001
365138.66    3766117.00    0.00001    365188.66    3766117.00    0.00001
365238.66    3766117.00    0.00001    365288.66    3766117.00    0.00001
365338.66    3766117.00    0.00000    365388.66    3766117.00    0.00000
365438.66    3766117.00    0.00000    365488.66    3766117.00    0.00000
365538.66    3766117.00    0.00000    365588.66    3766117.00    0.00000
365638.66    3766117.00    0.00000    365688.66    3766117.00    0.00000
365738.66    3766117.00    0.00000    365788.66    3766117.00    0.00000
365838.66    3766117.00    0.00000    365888.66    3766117.00    0.00000
365938.66    3766117.00    0.00000    365988.66    3766117.00    0.00000
366038.66    3766117.00    0.00000    366088.66    3766117.00    0.00000
366138.66    3766117.00    0.00000    366188.66    3766117.00    0.00000
366238.66    3766117.00    0.00000    366288.66    3766117.00    0.00000
366338.66    3766117.00    0.00000    366388.66    3766117.00    0.00000
366438.66    3766117.00    0.00000    366488.66    3766117.00    0.00000
366538.66    3766117.00    0.00000    366488.66    3766167.00    0.00001
366538.66    3766167.00    0.00000    366488.66    3766217.00    0.00001
366538.66    3766217.00    0.00000    366488.66    3766267.00    0.00001
366538.66    3766267.00    0.00000    366488.66    3766317.00    0.00001
366538.66    3766317.00    0.00001    366488.66    3766367.00    0.00001
366538.66    3766367.00    0.00001    366488.66    3766417.00    0.00001
366538.66    3766417.00    0.00001    366488.66    3766467.00    0.00001
366538.66    3766467.00    0.00001    366488.66    3766517.00    0.00000
366538.66    3766517.00    0.00001    366488.66    3766567.00    0.00000
366538.66    3766567.00    0.00001    366488.66    3766617.00    0.00000
366538.66    3766617.00    0.00002    366488.66    3766667.00    0.00000
366538.66    3766667.00    0.00002    366488.66    3766717.00    0.00000
366538.66    3766717.00    0.00003    366488.66    3766767.00    0.00000
364738.66    3766767.00    0.00000    364788.66    3766767.00    0.00000

1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc      ***
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
    INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5      IN MICROGRAMS/M**3      **

X-COORD (M)  Y-COORD (M)  CONC      X-COORD (M)  Y-COORD (M)  CONC
-----
364838.66    3766767.00    0.00000    364888.66    3766767.00    0.00000
364938.66    3766767.00    0.00000    364988.66    3766767.00    0.00000
365038.66    3766767.00    0.00000    365088.66    3766767.00    0.00001
365138.66    3766767.00    0.00001    365188.66    3766767.00    0.00001
365238.66    3766767.00    0.00001    365288.66    3766767.00    0.00001
365338.66    3766767.00    0.00001    365388.66    3766767.00    0.00001
365438.66    3766767.00    0.00001    365488.66    3766767.00    0.00001
365538.66    3766767.00    0.00001    365588.66    3766767.00    0.00001
365638.66    3766767.00    0.00002    365688.66    3766767.00    0.00002
365738.66    3766767.00    0.00002    365788.66    3766767.00    0.00003
365838.66    3766767.00    0.00003    365888.66    3766767.00    0.00003
365938.66    3766767.00    0.00003    365988.66    3766767.00    0.00004
366038.66    3766767.00    0.00004    366088.66    3766767.00    0.00004
366138.66    3766767.00    0.00005    366188.66    3766767.00    0.00006
366238.66    3766767.00    0.00006    366288.66    3766767.00    0.00007
366338.66    3766767.00    0.00008    366388.66    3766767.00    0.00008
366438.66    3766767.00    0.00009    366488.66    3766767.00    0.00008
366538.66    3766767.00    0.00004    364663.66    3766092.00    0.00000
364713.66    3766092.00    0.00000    364763.66    3766092.00    0.00000
364813.66    3766092.00    0.00000    364863.66    3766092.00    0.00001
364913.66    3766092.00    0.00002    364963.66    3766092.00    0.00002
365013.66    3766092.00    0.00001    365063.66    3766092.00    0.00001
365113.66    3766092.00    0.00001    365163.66    3766092.00    0.00001
365213.66    3766092.00    0.00001    365263.66    3766092.00    0.00000
365313.66    3766092.00    0.00000    365363.66    3766092.00    0.00000
365413.66    3766092.00    0.00000    365463.66    3766092.00    0.00000
365513.66    3766092.00    0.00000    365563.66    3766092.00    0.00000
365613.66    3766092.00    0.00000    365663.66    3766092.00    0.00000
365713.66    3766092.00    0.00000    365763.66    3766092.00    0.00000
365813.66    3766092.00    0.00000    365863.66    3766092.00    0.00000
365913.66    3766092.00    0.00000    365963.66    3766092.00    0.00000
366013.66    3766092.00    0.00000    366063.66    3766092.00    0.00000
366113.66    3766092.00    0.00000    366163.66    3766092.00    0.00000
366213.66    3766092.00    0.00000    366263.66    3766092.00    0.00000
366313.66    3766092.00    0.00000    366363.66    3766092.00    0.00000
366413.66    3766092.00    0.00000    366463.66    3766092.00    0.00000
366513.66    3766092.00    0.00000    366563.66    3766092.00    0.00000
364663.66    3766142.00    0.00001    366563.66    3766142.00    0.00000
364663.66    3766192.00    0.00001    366563.66    3766192.00    0.00000
364663.66    3766242.00    0.00001    366563.66    3766242.00    0.00000

1 *** ISC3P - VERSION 04269 ***      *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc      ***
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**MODELOPTS: CONC

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*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
    INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
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** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
364663.66	3766292.00	0.00001	366563.66	3766292.00	0.00001
364663.66	3766342.00	0.00001	366563.66	3766342.00	0.00001
364663.66	3766392.00	0.00001	366563.66	3766392.00	0.00001
364663.66	3766442.00	0.00001	366563.66	3766442.00	0.00001
364663.66	3766492.00	0.00000	366563.66	3766492.00	0.00001
364663.66	3766542.00	0.00000	366563.66	3766542.00	0.00001
364663.66	3766592.00	0.00000	366563.66	3766592.00	0.00001
364663.66	3766642.00	0.00000	366563.66	3766642.00	0.00002
364663.66	3766692.00	0.00000	366563.66	3766692.00	0.00002
364663.66	3766742.00	0.00000	366563.66	3766742.00	0.00003
364663.66	3766792.00	0.00000	364713.66	3766792.00	0.00000
364763.66	3766792.00	0.00000	364813.66	3766792.00	0.00000
364863.66	3766792.00	0.00000	364913.66	3766792.00	0.00000
364963.66	3766792.00	0.00000	365013.66	3766792.00	0.00000
365063.66	3766792.00	0.00000	365113.66	3766792.00	0.00001
365163.66	3766792.00	0.00001	365213.66	3766792.00	0.00001
365263.66	3766792.00	0.00001	365313.66	3766792.00	0.00001
365363.66	3766792.00	0.00001	365413.66	3766792.00	0.00001
365463.66	3766792.00	0.00001	365513.66	3766792.00	0.00001
365563.66	3766792.00	0.00001	365613.66	3766792.00	0.00001
365663.66	3766792.00	0.00002	365713.66	3766792.00	0.00002
365763.66	3766792.00	0.00002	365813.66	3766792.00	0.00002
365863.66	3766792.00	0.00003	365913.66	3766792.00	0.00003
365963.66	3766792.00	0.00003	366013.66	3766792.00	0.00003
366063.66	3766792.00	0.00003	366113.66	3766792.00	0.00004
366163.66	3766792.00	0.00004	366213.66	3766792.00	0.00005
366263.66	3766792.00	0.00005	366313.66	3766792.00	0.00005
366363.66	3766792.00	0.00006	366413.66	3766792.00	0.00005
366463.66	3766792.00	0.00005	366513.66	3766792.00	0.00004
366563.66	3766792.00	0.00003	366613.66	3766792.00	0.00000
366688.66	3766042.00	0.00000	364763.66	3766042.00	0.00000
364838.66	3766042.00	0.00000	364913.66	3766042.00	0.00001
364988.66	3766042.00	0.00001	365063.66	3766042.00	0.00001
365138.66	3766042.00	0.00001	365213.66	3766042.00	0.00000
365288.66	3766042.00	0.00000	365363.66	3766042.00	0.00000
365438.66	3766042.00	0.00000	365513.66	3766042.00	0.00000
365588.66	3766042.00	0.00000	365663.66	3766042.00	0.00000
365738.66	3766042.00	0.00000	365813.66	3766042.00	0.00000
365888.66	3766042.00	0.00000	365963.66	3766042.00	0.00000
366038.66	3766042.00	0.00000	366113.66	3766042.00	0.00000

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366188.66	3766042.00	0.00000	366263.66	3766042.00	0.00000
366338.66	3766042.00	0.00000	366413.66	3766042.00	0.00000
366488.66	3766042.00	0.00000	366563.66	3766042.00	0.00000
364613.66	3766117.00	0.00000	366563.66	3766117.00	0.00000
364613.66	3766192.00	0.00001	366563.66	3766192.00	0.00000
364613.66	3766267.00	0.00001	366563.66	3766267.00	0.00000
364613.66	3766342.00	0.00001	366563.66	3766342.00	0.00001
364613.66	3766417.00	0.00000	366563.66	3766417.00	0.00001
364613.66	3766492.00	0.00000	366563.66	3766492.00	0.00001
364613.66	3766567.00	0.00000	366563.66	3766567.00	0.00001
364613.66	3766642.00	0.00000	366563.66	3766642.00	0.00002
364613.66	3766717.00	0.00000	366563.66	3766717.00	0.00003
364613.66	3766792.00	0.00000	366563.66	3766792.00	0.00003
364613.66	3766867.00	0.00000	364688.66	3766867.00	0.00000
364763.66	3766867.00	0.00000	364838.66	3766867.00	0.00000
364913.66	3766867.00	0.00000	364988.66	3766867.00	0.00000
365063.66	3766867.00	0.00000	365138.66	3766867.00	0.00000
365213.66	3766867.00	0.00000	365288.66	3766867.00	0.00001
365363.66	3766867.00	0.00001	365438.66	3766867.00	0.00001
365513.66	3766867.00	0.00001	365588.66	3766867.00	0.00001
365663.66	3766867.00	0.00001	365738.66	3766867.00	0.00001
365813.66	3766867.00	0.00001	365888.66	3766867.00	0.00002
365963.66	3766867.00	0.00002	366038.66	3766867.00	0.00002
366113.66	3766867.00	0.00002	366188.66	3766867.00	0.00002
366263.66	3766867.00	0.00003	366338.66	3766867.00	0.00003
366413.66	3766867.00	0.00003	366488.66	3766867.00	0.00003
366563.66	3766867.00	0.00002	364513.66	3765942.00	0.00000
364613.66	3765942.00	0.00000	364713.66	3765942.00	0.00000
364813.66	3765942.00	0.00000	364913.66	3765942.00	0.00000
365013.66	3765942.00	0.00000	365113.66	3765942.00	0.00000
365213.66	3765942.00	0.00000	365313.66	3765942.00	0.00000
365413.66	3765942.00	0.00000	365513.66	3765942.00	0.00000
365613.66	3765942.00	0.00000	365713.66	3765942.00	0.00000
365813.66	3765942.00	0.00000	365913.66	3765942.00	0.00000
366013.66	3765942.00	0.00000	366113.66	3765942.00	0.00000
366213.66	3765942.00	0.00000	366313.66	3765942.00	0.00000
366413.66	3765942.00	0.00000	366513.66	3765942.00	0.00000
366613.66	3765942.00	0.00000	366713.66	3765942.00	0.00000
364513.66	3766042.00	0.00000	366613.66	3766042.00	0.00000
366713.66	3766042.00	0.00000	364513.66	3766142.00	0.00000

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE ANNUAL (8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
366613.66	3766142.00	0.00000	366713.66	3766142.00	0.00000

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                                PM25op.POU.txt
364513.66 3766242.00 0.00000 366613.66 3766242.00 0.00000
366713.66 3766242.00 0.00000 364513.66 3766342.00 0.00000
366613.66 3766342.00 0.00001 366713.66 3766342.00 0.00000
364513.66 3766442.00 0.00000 366613.66 3766442.00 0.00001
366713.66 3766442.00 0.00001 364513.66 3766542.00 0.00000
366613.66 3766542.00 0.00001 366713.66 3766542.00 0.00001
364513.66 3766642.00 0.00000 366613.66 3766642.00 0.00001
366713.66 3766642.00 0.00001 364513.66 3766742.00 0.00000
366613.66 3766742.00 0.00002 366713.66 3766742.00 0.00001
364513.66 3766842.00 0.00000 366613.66 3766842.00 0.00002
366713.66 3766842.00 0.00001 364513.66 3766942.00 0.00000
364613.66 3766942.00 0.00000 364713.66 3766942.00 0.00000
364813.66 3766942.00 0.00000 364913.66 3766942.00 0.00000
365013.66 3766942.00 0.00000 365113.66 3766942.00 0.00000
365213.66 3766942.00 0.00000 365313.66 3766942.00 0.00000
365413.66 3766942.00 0.00001 365513.66 3766942.00 0.00001
365613.66 3766942.00 0.00001 365713.66 3766942.00 0.00001
365813.66 3766942.00 0.00001 365913.66 3766942.00 0.00001
366013.66 3766942.00 0.00001 366113.66 3766942.00 0.00002
366213.66 3766942.00 0.00002 366313.66 3766942.00 0.00002
366413.66 3766942.00 0.00002 366513.66 3766942.00 0.00002
366613.66 3766942.00 0.00001 366713.66 3766942.00 0.00001
364213.66 3765642.00 0.00000 364413.66 3765642.00 0.00000
364613.66 3765642.00 0.00000 364813.66 3765642.00 0.00000
365013.66 3765642.00 0.00000 365213.66 3765642.00 0.00000
365413.66 3765642.00 0.00000 365613.66 3765642.00 0.00000
365813.66 3765642.00 0.00000 366013.66 3765642.00 0.00000
366213.66 3765642.00 0.00000 366413.66 3765642.00 0.00000
366613.66 3765642.00 0.00000 366813.66 3765642.00 0.00000
367013.66 3765642.00 0.00000 364213.66 3765842.00 0.00000
364413.66 3765842.00 0.00000 364613.66 3765842.00 0.00000
364813.66 3765842.00 0.00000 365013.66 3765842.00 0.00000
365213.66 3765842.00 0.00000 365413.66 3765842.00 0.00000
365613.66 3765842.00 0.00000 365813.66 3765842.00 0.00000
366013.66 3765842.00 0.00000 366213.66 3765842.00 0.00000
366413.66 3765842.00 0.00000 366613.66 3765842.00 0.00000
366813.66 3765842.00 0.00000 367013.66 3765842.00 0.00000
364213.66 3766042.00 0.00000 364413.66 3766042.00 0.00000
366813.66 3766042.00 0.00000 367013.66 3766042.00 0.00000
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 101
*** THE ANNUAL ( 8760 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC X-COORD (M) Y-COORD (M) CONC
364213.66 3766242.00 0.00000 364413.66 3766242.00 0.00000
366813.66 3766242.00 0.00000 367013.66 3766242.00 0.00000
364213.66 3766442.00 0.00000 364413.66 3766442.00 0.00000
366813.66 3766442.00 0.00000 367013.66 3766442.00 0.00000
364213.66 3766642.00 0.00000 364413.66 3766642.00 0.00000
366813.66 3766642.00 0.00001 367013.66 3766642.00 0.00000
364213.66 3766842.00 0.00000 364413.66 3766842.00 0.00000
366813.66 3766842.00 0.00001 367013.66 3766842.00 0.00000
364213.66 3767042.00 0.00000 364413.66 3767042.00 0.00000
366813.66 3767042.00 0.00000 367013.66 3767042.00 0.00000
365013.66 3767042.00 0.00000 365213.66 3767042.00 0.00000
365413.66 3767042.00 0.00000 365613.66 3767042.00 0.00001
365813.66 3767042.00 0.00001 366013.66 3767042.00 0.00001
366213.66 3767042.00 0.00001 366413.66 3767042.00 0.00001
366613.66 3767042.00 0.00001 366813.66 3767042.00 0.00001
367013.66 3767042.00 0.00000 364213.66 3767242.00 0.00000
364413.66 3767242.00 0.00000 364613.66 3767242.00 0.00000
364813.66 3767242.00 0.00000 365013.66 3767242.00 0.00000
365213.66 3767242.00 0.00000 365413.66 3767242.00 0.00000
365613.66 3767242.00 0.00000 365813.66 3767242.00 0.00000
366013.66 3767242.00 0.00001 366213.66 3767242.00 0.00001
366413.66 3767242.00 0.00001 366613.66 3767242.00 0.00001
366813.66 3767242.00 0.00001 367013.66 3767242.00 0.00000
364749.41 3766145.50 0.00001 365164.66 3766254.25 0.00002
365136.59 3766369.25 0.00002 364719.78 3766265.75 0.00002
366491.12 3766752.50 0.00013 366496.31 3766728.25 0.00007
365453.47 3766452.00 0.00004 365450.00 3766474.50 0.00012
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 102
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
364763.69 3766123.25 0.00009c (81011224) 364877.00 3766157.50 0.00117 (81122224)
364996.62 3766189.25 0.00010c (81071824) 365152.53 3766233.75 0.00005 (81032624)
365186.06 3766252.75 0.00004 (81032624) 364813.56 3766040.75 0.00004 (81020824)
364906.91 3766067.00 0.00016 (81122224) 365017.50 3766096.00 0.00006c (81011224)
365171.56 3766136.75 0.00003c (81011224) 364901.47 3765939.25 0.00004 (81122224)
364943.16 3765956.50 0.00005 (81122224) 365049.19 3765981.75 0.00004c (81011224)
365196.03 3766026.25 0.00003c (81011224) 365319.28 3766299.00 0.00003c (81030624)
365341.03 3766259.00 0.00003c (81011224) 365370.97 3766205.50 0.00002c (81011224)
365416.25 3766100.50 0.00002c (81011224) 365711.59 3766502.00 0.00045c (81013124)
366498.19 3766709.25 0.00015c (81110224) 365730.53 3766430.25 0.00013 (81122224)
366513.31 3766637.25 0.00006c (81103124) 365475.88 3766363.75 0.00005c (81011224)
365509.72 3766271.00 0.00003 (81020824) 365760.62 3766338.75 0.00007 (81122224)
366539.66 3766543.25 0.00004c (81110224) 364713.66 3766142.00 0.00005c (81030624)
364733.66 3766142.00 0.00007c (81030624) 364753.66 3766142.00 0.00008c (81030624)
364773.66 3766142.00 0.00010c (81030624) 364793.66 3766142.00 0.00014c (81011224)
364813.66 3766142.00 0.00017c (81011224) 364833.66 3766142.00 0.00015c (81011224)
364853.66 3766142.00 0.00027 (81020824) 364873.66 3766142.00 0.00057 (81122224)
364893.66 3766142.00 0.00055 (81122224) 364913.66 3766142.00 0.00034c (81103024)
364933.66 3766142.00 0.00023c (81011224) 364953.66 3766142.00 0.00015c (81011224)
364973.66 3766142.00 0.00011c (81110224) 364993.66 3766142.00 0.00009c (81110224)

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365013.66 3766142.00 0.00007c (81110224) PM25op.POU.txt 365033.66 3766142.00 0.00006c (81030824)
365053.66 3766142.00 0.00005c (81030824) 365073.66 3766142.00 0.00004c (81110224)
365093.66 3766142.00 0.00004c (81103124) 365113.66 3766142.00 0.00004c (81103124)
365133.66 3766142.00 0.00003c (81103124) 365153.66 3766142.00 0.00003c (81011224)
365173.66 3766142.00 0.00003c (81011224) 365193.66 3766142.00 0.00003c (81011224)
365213.66 3766142.00 0.00003c (81011224) 365233.66 3766142.00 0.00003c (81011224)
365253.66 3766142.00 0.00003c (81011224) 365273.66 3766142.00 0.00003c (81011224)
365293.66 3766142.00 0.00002c (81011224) 365313.66 3766142.00 0.00002c (81011224)
365333.66 3766142.00 0.00002c (81011224) 365353.66 3766142.00 0.00002c (81011224)
365373.66 3766142.00 0.00002c (81011224) 365393.66 3766142.00 0.00002c (81011224)
365413.66 3766142.00 0.00002c (81011224) 365433.66 3766142.00 0.00002c (81011224)
365453.66 3766142.00 0.00002c (81011224) 365473.66 3766142.00 0.00002c (81103124)
365493.66 3766142.00 0.00002c (81103124) 365513.66 3766142.00 0.00002c (81103124)
365533.66 3766142.00 0.00002c (81103124) 365553.66 3766142.00 0.00002c (81103124)
365573.66 3766142.00 0.00002c (81103124) 365593.66 3766142.00 0.00002c (81103124)
365613.66 3766142.00 0.00002c (81103124) 365633.66 3766142.00 0.00002c (81103124)
365653.66 3766142.00 0.00002c (81122224) 365673.66 3766142.00 0.00003c (81122224)
365693.66 3766142.00 0.00003c (81122224) 365713.66 3766142.00 0.00003c (81122224)
365733.66 3766142.00 0.00003c (81122224) 365753.66 3766142.00 0.00003c (81122224)
365773.66 3766142.00 0.00003c (81122224) 365793.66 3766142.00 0.00003c (81122224)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
365813.66 3766142.00 0.00003 (81122224) 365833.66 3766142.00 0.00003 (81122224)
365853.66 3766142.00 0.00003 (81122224) 365873.66 3766142.00 0.00003 (81122224)
365893.66 3766142.00 0.00003 (81122224) 365913.66 3766142.00 0.00003 (81122224)
365933.66 3766142.00 0.00003c (81103024) 365953.66 3766142.00 0.00003c (81103024)
365973.66 3766142.00 0.00003c (81103024) 365993.66 3766142.00 0.00002c (81103024)
366013.66 3766142.00 0.00002c (81103024) 366033.66 3766142.00 0.00002c (81103024)
366053.66 3766142.00 0.00002c (81103024) 366073.66 3766142.00 0.00002c (81103124)
366093.66 3766142.00 0.00002c (81103124) 366113.66 3766142.00 0.00002c (81103124)
366133.66 3766142.00 0.00002c (81103124) 366153.66 3766142.00 0.00002c (81103124)
366173.66 3766142.00 0.00002c (81103124) 366193.66 3766142.00 0.00002c (81103124)
366213.66 3766142.00 0.00002c (81103124) 366233.66 3766142.00 0.00002 (81122224)
366253.66 3766142.00 0.00002 (81122224) 366273.66 3766142.00 0.00002 (81122224)
366293.66 3766142.00 0.00002 (81122224) 366313.66 3766142.00 0.00002 (81122224)
366333.66 3766142.00 0.00002 (81122224) 366353.66 3766142.00 0.00002c (81103024)
366373.66 3766142.00 0.00002c (81103024) 366393.66 3766142.00 0.00002c (81103024)
366413.66 3766142.00 0.00002c (81103024) 366433.66 3766142.00 0.00002c (81103024)
366453.66 3766142.00 0.00002c (81103024) 366473.66 3766142.00 0.00002c (81103024)
366493.66 3766142.00 0.00002c (81103024) 366493.66 3766142.00 0.00006c (81030224)
364733.66 3766162.00 0.00007c (81030624) 364753.66 3766162.00 0.00009c (81030624)
364773.66 3766162.00 0.00012c (81030624) 364793.66 3766162.00 0.00015c (81030624)
364813.66 3766162.00 0.00022c (81011224) 364833.66 3766162.00 0.00032c (81011224)
364853.66 3766162.00 0.00043 (81020824) 364873.66 3766162.00 0.00014 (81122224)
364893.66 3766162.00 0.00079c (81103024) 364913.66 3766162.00 0.00039c (81011224)
364933.66 3766162.00 0.00023c (81110224) 364953.66 3766162.00 0.00017c (81110224)
364973.66 3766162.00 0.00013c (81110224) 364993.66 3766162.00 0.00010c (81110224)
365013.66 3766162.00 0.00008c (81110224) 365033.66 3766162.00 0.00006c (81110224)
365053.66 3766162.00 0.00005c (81103124) 365073.66 3766162.00 0.00005c (81103124)
365093.66 3766162.00 0.00005c (81103124) 365113.66 3766162.00 0.00004c (81103124)
365133.66 3766162.00 0.00004c (81103124) 365153.66 3766162.00 0.00003c (81103124)
365173.66 3766162.00 0.00003c (81110224) 365193.66 3766162.00 0.00003c (81011224)
365213.66 3766162.00 0.00003c (81011224) 365233.66 3766162.00 0.00003c (81011224)
365253.66 3766162.00 0.00003c (81011224) 365273.66 3766162.00 0.00002c (81011224)
365293.66 3766162.00 0.00002c (81011224) 365313.66 3766162.00 0.00002c (81011224)
365333.66 3766162.00 0.00002c (81011224) 365353.66 3766162.00 0.00002c (81011224)
365373.66 3766162.00 0.00002c (81011224) 365393.66 3766162.00 0.00002c (81011224)
365413.66 3766162.00 0.00002c (81011224) 365433.66 3766162.00 0.00002c (81011224)
365453.66 3766162.00 0.00002c (81020624) 365473.66 3766162.00 0.00002c (81103124)
365493.66 3766162.00 0.00002c (81103124) 365513.66 3766162.00 0.00002c (81113024)
365533.66 3766162.00 0.00002c (81113024) 365553.66 3766162.00 0.00002c (81103124)
365573.66 3766162.00 0.00002c (81103124) 365593.66 3766162.00 0.00002c (81103124)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
365613.66 3766162.00 0.00002c (81103124) 365633.66 3766162.00 0.00002 (81122224)
365653.66 3766162.00 0.00003 (81122224) 365673.66 3766162.00 0.00003 (81122224)
365693.66 3766162.00 0.00003 (81122224) 365713.66 3766162.00 0.00003 (81122224)
365733.66 3766162.00 0.00003 (81122224) 365753.66 3766162.00 0.00003 (81122224)
365773.66 3766162.00 0.00003 (81122224) 365793.66 3766162.00 0.00003 (81122224)
365813.66 3766162.00 0.00003 (81122224) 365833.66 3766162.00 0.00003 (81122224)
365853.66 3766162.00 0.00003 (81122224) 365873.66 3766162.00 0.00003 (81122224)
365893.66 3766162.00 0.00003 (81122224) 365913.66 3766162.00 0.00003c (81103024)
365933.66 3766162.00 0.00003c (81103024) 365953.66 3766162.00 0.00003c (81103024)
365973.66 3766162.00 0.00003c (81103024) 365993.66 3766162.00 0.00003c (81103024)
366013.66 3766162.00 0.00002c (81103024) 366033.66 3766162.00 0.00002c (81103124)
366053.66 3766162.00 0.00002c (81103024) 366073.66 3766162.00 0.00002c (81103124)
366093.66 3766162.00 0.00002c (81103124) 366113.66 3766162.00 0.00002c (81103124)
366133.66 3766162.00 0.00002c (81103124) 366153.66 3766162.00 0.00002c (81103124)
366173.66 3766162.00 0.00002c (81103124) 366193.66 3766162.00 0.00002c (81103124)
366213.66 3766162.00 0.00002c (81103124) 366233.66 3766162.00 0.00002 (81122224)
366253.66 3766162.00 0.00002 (81122224) 366273.66 3766162.00 0.00002 (81122224)
366293.66 3766162.00 0.00002 (81122224) 366313.66 3766162.00 0.00002 (81122224)
366333.66 3766162.00 0.00002 (81122224) 366353.66 3766162.00 0.00002c (81103024)
366373.66 3766162.00 0.00002c (81103024) 366393.66 3766162.00 0.00002c (81103024)
366413.66 3766162.00 0.00002c (81103024) 366433.66 3766162.00 0.00002c (81103024)
366453.66 3766162.00 0.00002c (81103024) 366473.66 3766162.00 0.00002c (81103024)
366493.66 3766162.00 0.00002c (81103024) 364713.66 3766182.00 0.00007c (81112724)
364733.66 3766182.00 0.00009c (81112724) 364753.66 3766182.00 0.00010c (81112724)
364773.66 3766182.00 0.00013c (81112724) 364793.66 3766182.00 0.00018c (81030624)
364813.66 3766182.00 0.00026c (81030624) 364833.66 3766182.00 0.00045c (81030624)

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364853.66 3766182.00 0.00099 (81022824) PM25op.POU.txt 364873.66 3766182.00 0.00169 (81122224)
364893.66 3766182.00 0.00092c (81110224) 364913.66 3766182.00 0.00046c (81110224)
364933.66 3766182.00 0.00028c (81110224) 364953.66 3766182.00 0.00019c (81110224)
364973.66 3766182.00 0.00013c (81110224) 364993.66 3766182.00 0.00010c (81071824)
365013.66 3766182.00 0.00008c (81071824) 365033.66 3766182.00 0.00007c (81071824)
365053.66 3766182.00 0.00006c (81071824) 365073.66 3766182.00 0.00005c (81103124)
365093.66 3766182.00 0.00005c (81103124) 365113.66 3766182.00 0.00005c (81103124)
365133.66 3766182.00 0.00004c (81103124) 365153.66 3766182.00 0.00003c (81110224)
365173.66 3766182.00 0.00003c (81110224) 365193.66 3766182.00 0.00003c (81110224)
365213.66 3766182.00 0.00003c (81071824) 365233.66 3766182.00 0.00002c (81011224)
365253.66 3766182.00 0.00002c (81011224) 365273.66 3766182.00 0.00002c (81011224)
365293.66 3766182.00 0.00002c (81011224) 365313.66 3766182.00 0.00002c (81011224)
365333.66 3766182.00 0.00002c (81011224) 365353.66 3766182.00 0.00002c (81011224)
365373.66 3766182.00 0.00002c (81011224) 365393.66 3766182.00 0.00002c (81011224)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
365413.66 3766182.00 0.00002c (81011224) 365433.66 3766182.00 0.00002c (81011224)
365453.66 3766182.00 0.00002 (81020824) 365473.66 3766182.00 0.00002 (81020824)
365493.66 3766182.00 0.00002 (81020824) 365513.66 3766182.00 0.00002 (81020824)
365533.66 3766182.00 0.00002 (81020824) 365553.66 3766182.00 0.00002 (81020824)
365573.66 3766182.00 0.00002 (81020824) 365593.66 3766182.00 0.00002c (81103124)
365613.66 3766182.00 0.00002 (81122224) 365633.66 3766182.00 0.00003 (81122224)
365653.66 3766182.00 0.00003 (81122224) 365673.66 3766182.00 0.00003 (81122224)
365693.66 3766182.00 0.00003 (81122224) 365713.66 3766182.00 0.00003 (81122224)
365733.66 3766182.00 0.00004 (81122224) 365753.66 3766182.00 0.00004 (81122224)
365773.66 3766182.00 0.00004 (81122224) 365793.66 3766182.00 0.00004 (81122224)
365813.66 3766182.00 0.00004 (81122224) 365833.66 3766182.00 0.00004 (81122224)
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366013.66 3766182.00 0.00003c (81103024) 366033.66 3766182.00 0.00002c (81103024)
366053.66 3766182.00 0.00002c (81103024) 366073.66 3766182.00 0.00002c (81103124)
366093.66 3766182.00 0.00002c (81103124) 366113.66 3766182.00 0.00002c (81103124)
366133.66 3766182.00 0.00002c (81103124) 366153.66 3766182.00 0.00002c (81103124)
366173.66 3766182.00 0.00002c (81103124) 366193.66 3766182.00 0.00002c (81103124)
366213.66 3766182.00 0.00002 (81122224) 366233.66 3766182.00 0.00002 (81122224)
366253.66 3766182.00 0.00002 (81122224) 366273.66 3766182.00 0.00002 (81122224)
366293.66 3766182.00 0.00002 (81122224) 366313.66 3766182.00 0.00002 (81122224)
366333.66 3766182.00 0.00002c (81103024) 366353.66 3766182.00 0.00002c (81103024)
366373.66 3766182.00 0.00002c (81103024) 366393.66 3766182.00 0.00002c (81103024)
366413.66 3766182.00 0.00002c (81103024) 366433.66 3766182.00 0.00002c (81103024)
366453.66 3766182.00 0.00002c (81103024) 366473.66 3766182.00 0.00002c (81103024)
366493.66 3766182.00 0.00002c (81103024) 366473.66 3766202.00 0.00010c (81030124)
364733.66 3766202.00 0.00012c (81030124) 364753.66 3766202.00 0.00015c (81030124)
364773.66 3766202.00 0.00020c (81030124) 364793.66 3766202.00 0.00028c (81030124)
364813.66 3766202.00 0.00044c (81030124) 364833.66 3766202.00 0.00084c (81112724)
364853.66 3766202.00 0.00122c (81123124) 364873.66 3766202.00 0.00117c (81050224)
364893.66 3766202.00 0.00102c (81010624) 364913.66 3766202.00 0.00045c (81010124)
364933.66 3766202.00 0.00026c (81121424) 364953.66 3766202.00 0.00018c (81121424)
364973.66 3766202.00 0.00013 (81032624) 364993.66 3766202.00 0.00011 (81032624)
365013.66 3766202.00 0.00009 (81032624) 365033.66 3766202.00 0.00007 (81032624)
365053.66 3766202.00 0.00006 (81032624) 365073.66 3766202.00 0.00006 (81032624)
365093.66 3766202.00 0.00005c (81103124) 365113.66 3766202.00 0.00005c (81103124)
365133.66 3766202.00 0.00004c (81110224) 365153.66 3766202.00 0.00004c (81110224)
365173.66 3766202.00 0.00003c (81110224) 365193.66 3766202.00 0.00003 (81032624)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
365213.66 3766202.00 0.00003c (81071824) 365233.66 3766202.00 0.00002c (81071824)
365253.66 3766202.00 0.00002c (81071824) 365273.66 3766202.00 0.00002c (81011224)
365293.66 3766202.00 0.00002c (81011224) 365313.66 3766202.00 0.00002c (81011224)
365333.66 3766202.00 0.00002c (81011224) 365353.66 3766202.00 0.00002c (81011224)
365373.66 3766202.00 0.00002c (81011224) 365393.66 3766202.00 0.00002c (81011224)
365413.66 3766202.00 0.00002c (81011224) 365433.66 3766202.00 0.00002c (81011224)
365453.66 3766202.00 0.00002 (81020824) 365473.66 3766202.00 0.00002 (81020824)
365493.66 3766202.00 0.00002 (81020824) 365513.66 3766202.00 0.00002 (81020824)
365533.66 3766202.00 0.00002 (81020824) 365553.66 3766202.00 0.00002 (81020824)
365573.66 3766202.00 0.00002 (81020824) 365593.66 3766202.00 0.00002 (81020824)
365613.66 3766202.00 0.00003 (81122224) 365633.66 3766202.00 0.00003 (81122224)
365653.66 3766202.00 0.00003 (81122224) 365673.66 3766202.00 0.00003 (81122224)
365693.66 3766202.00 0.00004 (81122224) 365713.66 3766202.00 0.00004 (81122224)
365733.66 3766202.00 0.00004 (81122224) 365753.66 3766202.00 0.00004 (81122224)
365773.66 3766202.00 0.00004 (81122224) 365793.66 3766202.00 0.00004 (81122224)
365813.66 3766202.00 0.00004 (81122224) 365833.66 3766202.00 0.00004 (81122224)
365853.66 3766202.00 0.00003 (81122224) 365873.66 3766202.00 0.00003 (81122224)
365893.66 3766202.00 0.00003c (81103024) 365913.66 3766202.00 0.00003c (81103024)
365933.66 3766202.00 0.00003c (81103024) 365953.66 3766202.00 0.00003c (81103024)
365973.66 3766202.00 0.00003c (81103024) 365993.66 3766202.00 0.00003c (81103024)
366013.66 3766202.00 0.00003c (81103024) 366033.66 3766202.00 0.00002c (81103024)
366053.66 3766202.00 0.00002c (81103024) 366073.66 3766202.00 0.00002c (81103124)
366093.66 3766202.00 0.00002c (81103124) 366113.66 3766202.00 0.00002c (81103124)
366133.66 3766202.00 0.00002c (81103124) 366153.66 3766202.00 0.00002c (81103124)
366173.66 3766202.00 0.00002c (81103124) 366193.66 3766202.00 0.00002 (81122224)
366213.66 3766202.00 0.00002 (81122224) 366233.66 3766202.00 0.00002 (81122224)
366253.66 3766202.00 0.00002 (81122224) 366273.66 3766202.00 0.00002 (81122224)
366293.66 3766202.00 0.00002 (81122224) 366313.66 3766202.00 0.00002 (81122224)
366333.66 3766202.00 0.00002c (81103024) 366353.66 3766202.00 0.00002c (81103024)
366373.66 3766202.00 0.00002c (81103024) 366393.66 3766202.00 0.00002c (81103024)
366413.66 3766202.00 0.00002c (81103024) 366433.66 3766202.00 0.00002c (81103024)
366453.66 3766202.00 0.00002c (81103024) 366473.66 3766202.00 0.00002c (81103024)

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366493.66 3766202.00 0.00002c (81103024) PM25op.POU.txt 364713.66 3766222.00 0.00012c (81030124)
364733.66 3766222.00 0.00015c (81030124) 364753.66 3766222.00 0.00018c (81030124)
364773.66 3766222.00 0.00023c (81112724) 364793.66 3766222.00 0.00032c (81112724)
364813.66 3766222.00 0.00047c (81112724) 364833.66 3766222.00 0.00073c (81123124)
364853.66 3766222.00 0.00070c (81123124) 364873.66 3766222.00 0.00091c (81021424)
364893.66 3766222.00 0.00095c (81050224) 364913.66 3766222.00 0.00047c (81032624)
364933.66 3766222.00 0.00029c (81032624) 364953.66 3766222.00 0.00019c (81032624)
364973.66 3766222.00 0.00014c (81032624) 364993.66 3766222.00 0.00011c (81032624)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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***MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365013.66	3766222.00	0.00009c	(81121924)	365033.66	3766222.00	0.00008c	(81121924)
365053.66	3766222.00	0.00007c	(81121924)	365073.66	3766222.00	0.00007c	(81112524)
365093.66	3766222.00	0.00006c	(81112524)	365113.66	3766222.00	0.00005c	(81112524)
365133.66	3766222.00	0.00005c	(81112524)	365153.66	3766222.00	0.00004c	(81112524)
365173.66	3766222.00	0.00004c	(81032624)	365193.66	3766222.00	0.00003c	(81032624)
365213.66	3766222.00	0.00003c	(81032624)	365233.66	3766222.00	0.00003c	(81032624)
365253.66	3766222.00	0.00003c	(81032624)	365273.66	3766222.00	0.00003c	(81032624)
365293.66	3766222.00	0.00002c	(81032624)	365313.66	3766222.00	0.00002c	(81011224)
365333.66	3766222.00	0.00002c	(81011224)	365353.66	3766222.00	0.00002c	(81011224)
365373.66	3766222.00	0.00002c	(81011224)	365393.66	3766222.00	0.00002c	(81011224)
365413.66	3766222.00	0.00002c	(81011224)	365433.66	3766222.00	0.00002c	(81011224)
365453.66	3766222.00	0.00002c	(81020824)	365473.66	3766222.00	0.00002c	(81020824)
365493.66	3766222.00	0.00002c	(81020824)	365513.66	3766222.00	0.00002c	(81020824)
365533.66	3766222.00	0.00002c	(81020824)	365553.66	3766222.00	0.00003c	(81020824)
365573.66	3766222.00	0.00003c	(81020824)	365593.66	3766222.00	0.00003c	(81020824)
365613.66	3766222.00	0.00003c	(81122224)	365633.66	3766222.00	0.00003c	(81122224)
365653.66	3766222.00	0.00003c	(81122224)	365673.66	3766222.00	0.00004c	(81122224)
365693.66	3766222.00	0.00004c	(81122224)	365713.66	3766222.00	0.00004c	(81122224)
365733.66	3766222.00	0.00004c	(81122224)	365753.66	3766222.00	0.00004c	(81122224)
365773.66	3766222.00	0.00004c	(81122224)	365793.66	3766222.00	0.00004c	(81122224)
365813.66	3766222.00	0.00004c	(81122224)	365833.66	3766222.00	0.00004c	(81122224)
365853.66	3766222.00	0.00004c	(81122224)	365873.66	3766222.00	0.00003c	(81103024)
365893.66	3766222.00	0.00003c	(81103024)	365913.66	3766222.00	0.00003c	(81103024)
365933.66	3766222.00	0.00003c	(81103024)	365953.66	3766222.00	0.00003c	(81103024)
365973.66	3766222.00	0.00003c	(81103024)	365993.66	3766222.00	0.00003c	(81103024)
366013.66	3766222.00	0.00003c	(81103024)	366033.66	3766222.00	0.00003c	(81103024)
366053.66	3766222.00	0.00002c	(81103024)	366073.66	3766222.00	0.00002c	(81103024)
366093.66	3766222.00	0.00002c	(81103124)	366113.66	3766222.00	0.00002c	(81103124)
366133.66	3766222.00	0.00002c	(81103124)	366153.66	3766222.00	0.00002c	(81103124)
366173.66	3766222.00	0.00002c	(81103124)	366193.66	3766222.00	0.00002c	(81122224)
366213.66	3766222.00	0.00002c	(81122224)	366233.66	3766222.00	0.00002c	(81122224)
366253.66	3766222.00	0.00002c	(81122224)	366273.66	3766222.00	0.00002c	(81122224)
366293.66	3766222.00	0.00002c	(81122224)	366313.66	3766222.00	0.00002c	(81103024)
366333.66	3766222.00	0.00002c	(81103024)	366353.66	3766222.00	0.00002c	(81103024)
366373.66	3766222.00	0.00002c	(81103024)	366393.66	3766222.00	0.00002c	(81103024)
366413.66	3766222.00	0.00002c	(81103024)	366433.66	3766222.00	0.00002c	(81103024)
366453.66	3766222.00	0.00002c	(81103024)	366473.66	3766222.00	0.00002c	(81103024)
366493.66	3766222.00	0.00002c	(81103024)	364713.66	3766242.00	0.00011c	(81030124)
364733.66	3766242.00	0.00013c	(81112724)	364753.66	3766242.00	0.00016c	(81112724)
364773.66	3766242.00	0.00021c	(81112724)	364793.66	3766242.00	0.00028c	(81112724)

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1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
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***MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364813.66	3766242.00	0.00043c	(81123124)	364833.66	3766242.00	0.00064c	(81123124)
364853.66	3766242.00	0.00078c	(81021424)	364873.66	3766242.00	0.00081c	(81102224)
364893.66	3766242.00	0.00080c	(81050224)	364913.66	3766242.00	0.00045c	(81051424)
364933.66	3766242.00	0.00029c	(81101124)	364953.66	3766242.00	0.00020c	(81032624)
364973.66	3766242.00	0.00014c	(81032624)	364993.66	3766242.00	0.00011c	(81121924)
365013.66	3766242.00	0.00010c	(81121924)	365033.66	3766242.00	0.00009c	(81121924)
365053.66	3766242.00	0.00009c	(81121924)	365073.66	3766242.00	0.00009c	(81112524)
365093.66	3766242.00	0.00008c	(81112524)	365113.66	3766242.00	0.00007c	(81112524)
365133.66	3766242.00	0.00007c	(81032624)	365153.66	3766242.00	0.00005c	(81032624)
365173.66	3766242.00	0.00005c	(81032624)	365193.66	3766242.00	0.00004c	(81032624)
365213.66	3766242.00	0.00004c	(81032624)	365233.66	3766242.00	0.00003c	(81032624)
365253.66	3766242.00	0.00003c	(81032624)	365273.66	3766242.00	0.00003c	(81032624)
365293.66	3766242.00	0.00003c	(81032624)	365313.66	3766242.00	0.00003c	(81032624)
365333.66	3766242.00	0.00003c	(81011224)	365353.66	3766242.00	0.00003c	(81011224)
365373.66	3766242.00	0.00003c	(81011224)	365393.66	3766242.00	0.00003c	(81011224)
365413.66	3766242.00	0.00003c	(81011224)	365433.66	3766242.00	0.00002c	(81011224)
365453.66	3766242.00	0.00002c	(81020824)	365473.66	3766242.00	0.00002c	(81020824)
365493.66	3766242.00	0.00003c	(81020824)	365513.66	3766242.00	0.00003c	(81020824)
365533.66	3766242.00	0.00003c	(81020824)	365553.66	3766242.00	0.00003c	(81020824)
365573.66	3766242.00	0.00003c	(81020824)	365593.66	3766242.00	0.00003c	(81122224)
365613.66	3766242.00	0.00003c	(81122224)	365633.66	3766242.00	0.00003c	(81122224)
365653.66	3766242.00	0.00004c	(81122224)	365673.66	3766242.00	0.00004c	(81122224)
365693.66	3766242.00	0.00004c	(81122224)	365713.66	3766242.00	0.00004c	(81122224)
365733.66	3766242.00	0.00005c	(81122224)	365753.66	3766242.00	0.00005c	(81122224)
365773.66	3766242.00	0.00005c	(81122224)	365793.66	3766242.00	0.00004c	(81122224)
365813.66	3766242.00	0.00004c	(81122224)	365833.66	3766242.00	0.00004c	(81122224)
365853.66	3766242.00	0.00004c	(81103024)	365873.66	3766242.00	0.00004c	(81103024)
365893.66	3766242.00	0.00004c	(81103024)	365913.66	3766242.00	0.00003c	(81103024)
365933.66	3766242.00	0.00003c	(81103024)	365953.66	3766242.00	0.00003c	(81103024)
365973.66	3766242.00	0.00003c	(81103024)	365993.66	3766242.00	0.00003c	(81103024)
366013.66	3766242.00	0.00003c	(81011224)	366033.66	3766242.00	0.00003c	(81011224)
366053.66	3766242.00	0.00003c	(81011224)	366073.66	3766242.00	0.00002c	(81011224)
366093.66	3766242.00	0.00002c	(81103024)	366113.66	3766242.00	0.00002c	(81103124)
366133.66	3766242.00	0.00002c	(81103024)	366153.66	3766242.00	0.00002c	(81103024)
366173.66	3766242.00	0.00002c	(81103024)	366193.66	3766242.00	0.00002c	(81122224)
366213.66	3766242.00	0.00002c	(81122224)	366233.66	3766242.00	0.00002c	(81122224)
366253.66	3766242.00	0.00002c	(81122224)	366273.66	3766242.00	0.00002c	(81122224)
366293.66	3766242.00	0.00002c	(81103024)	366313.66	3766242.00	0.00002c	(81103024)

366333.66 3766242.00 0.00002c (81103024) PM25op.POU.txt 366333.66 3766242.00 0.00002c (81103024)
366373.66 3766242.00 0.00002c (81103024) 366393.66 3766242.00 0.00002c (81103024)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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***MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366413.66	3766242.00	0.00002c	(81103024)	366433.66	3766242.00	0.00002c	(81103024)
366453.66	3766242.00	0.00002c	(81103024)	366473.66	3766242.00	0.00002c	(81103024)
366493.66	3766242.00	0.00002c	(81103024)	364713.66	3766262.00	0.00009c	(81112724)
364733.66	3766262.00	0.00011c	(81012724)	364753.66	3766262.00	0.00014c	(81012724)
364773.66	3766262.00	0.00018c	(81012724)	364793.66	3766262.00	0.00025c	(81123124)
364813.66	3766262.00	0.00039c	(81123124)	364833.66	3766262.00	0.00053c	(81123124)
364853.66	3766262.00	0.00063c	(81021424)	364873.66	3766262.00	0.00066c	(81050224)
364893.66	3766262.00	0.00054c	(81050224)	364913.66	3766262.00	0.00040c	(81050224)
364933.66	3766262.00	0.00026c	(81051424)	364953.66	3766262.00	0.00020c	(81101124)
364973.66	3766262.00	0.00015c	(81101124)	364993.66	3766262.00	0.00011c	(81101124)
365013.66	3766262.00	0.00009c	(81032224)	365033.66	3766262.00	0.00009c	(81032224)
365053.66	3766262.00	0.00009c	(81032224)	365073.66	3766262.00	0.00010c	(81122524)
365093.66	3766262.00	0.00009c	(81122524)	365113.66	3766262.00	0.00009c	(81032624)
365133.66	3766262.00	0.00007c	(81032624)	365153.66	3766262.00	0.00006c	(81032624)
365173.66	3766262.00	0.00005c	(81032624)	365193.66	3766262.00	0.00004c	(81032624)
365213.66	3766262.00	0.00004c	(81032624)	365233.66	3766262.00	0.00003c	(81032624)
365253.66	3766262.00	0.00003c	(81032624)	365273.66	3766262.00	0.00003c	(81030624)
365293.66	3766262.00	0.00003c	(81030624)	365313.66	3766262.00	0.00003c	(81030624)
365333.66	3766262.00	0.00003c	(81030624)	365353.66	3766262.00	0.00003c	(81011224)
365373.66	3766262.00	0.00003c	(81011224)	365393.66	3766262.00	0.00003c	(81011224)
365413.66	3766262.00	0.00003c	(81011224)	365433.66	3766262.00	0.00003c	(81011224)
365453.66	3766262.00	0.00003c	(81011224)	365473.66	3766262.00	0.00003c	(81020824)
365493.66	3766262.00	0.00003c	(81020824)	365513.66	3766262.00	0.00003c	(81020824)
365533.66	3766262.00	0.00003c	(81020824)	365553.66	3766262.00	0.00003c	(81020824)
365573.66	3766262.00	0.00003c	(81020824)	365593.66	3766262.00	0.00003c	(81122224)
365613.66	3766262.00	0.00004c	(81122224)	365633.66	3766262.00	0.00004c	(81122224)
365653.66	3766262.00	0.00004c	(81122224)	365673.66	3766262.00	0.00004c	(81122224)
365693.66	3766262.00	0.00005c	(81122224)	365713.66	3766262.00	0.00005c	(81122224)
365733.66	3766262.00	0.00005c	(81122224)	365753.66	3766262.00	0.00005c	(81122224)
365773.66	3766262.00	0.00005c	(81122224)	365793.66	3766262.00	0.00005c	(81122224)
365813.66	3766262.00	0.00004c	(81103024)	365833.66	3766262.00	0.00004c	(81103024)
365853.66	3766262.00	0.00004c	(81103024)	365873.66	3766262.00	0.00004c	(81103024)
365893.66	3766262.00	0.00004c	(81103024)	365913.66	3766262.00	0.00004c	(81011224)
365933.66	3766262.00	0.00004c	(81011224)	365953.66	3766262.00	0.00003c	(81011224)
365973.66	3766262.00	0.00003c	(81011224)	365993.66	3766262.00	0.00003c	(81011224)
366013.66	3766262.00	0.00003c	(81011224)	366033.66	3766262.00	0.00003c	(81011224)
366053.66	3766262.00	0.00003c	(81011224)	366073.66	3766262.00	0.00003c	(81011224)
366093.66	3766262.00	0.00002c	(81103024)	366113.66	3766262.00	0.00002c	(81103024)
366133.66	3766262.00	0.00002c	(81103024)	366153.66	3766262.00	0.00002c	(81103024)
366173.66	3766262.00	0.00002c	(81103024)	366193.66	3766262.00	0.00002c	(81122224)

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***MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366213.66	3766262.00	0.00003c	(81122224)	366233.66	3766262.00	0.00003c	(81122224)
366253.66	3766262.00	0.00003c	(81122224)	366273.66	3766262.00	0.00003c	(81122224)
366293.66	3766262.00	0.00003c	(81103024)	366313.66	3766262.00	0.00003c	(81103024)
366333.66	3766262.00	0.00003c	(81103024)	366353.66	3766262.00	0.00003c	(81103024)
366373.66	3766262.00	0.00003c	(81103024)	366393.66	3766262.00	0.00003c	(81103024)
366413.66	3766262.00	0.00003c	(81103024)	366433.66	3766262.00	0.00003c	(81103024)
366453.66	3766262.00	0.00002c	(81103024)	366473.66	3766262.00	0.00002c	(81103024)
366493.66	3766262.00	0.00002c	(81103024)	364713.66	3766282.00	0.00008c	(81012724)
364733.66	3766282.00	0.00010c	(81012724)	364753.66	3766282.00	0.00011c	(81012724)
364773.66	3766282.00	0.00013c	(81123124)	364793.66	3766282.00	0.00017c	(81102124)
364813.66	3766282.00	0.00022c	(81102124)	364833.66	3766282.00	0.00028c	(81021424)
364853.66	3766282.00	0.00040c	(81021424)	364873.66	3766282.00	0.00032c	(81102224)
364893.66	3766282.00	0.00033c	(81050224)	364913.66	3766282.00	0.00030c	(81050224)
364933.66	3766282.00	0.00024c	(81050224)	364953.66	3766282.00	0.00017c	(81101124)
364973.66	3766282.00	0.00015c	(81101124)	364993.66	3766282.00	0.00012c	(81101124)
365013.66	3766282.00	0.00010c	(81101124)	365033.66	3766282.00	0.00009c	(81091524)
365053.66	3766282.00	0.00010c	(81051424)	365073.66	3766282.00	0.00011c	(81051424)
365093.66	3766282.00	0.00009c	(81051424)	365113.66	3766282.00	0.00008c	(81051424)
365133.66	3766282.00	0.00006c	(81051424)	365153.66	3766282.00	0.00005c	(81032224)
365173.66	3766282.00	0.00004c	(81121024)	365193.66	3766282.00	0.00004c	(81121924)
365213.66	3766282.00	0.00003c	(81121924)	365233.66	3766282.00	0.00003c	(81112524)
365253.66	3766282.00	0.00003c	(81030624)	365273.66	3766282.00	0.00003c	(81030624)
365293.66	3766282.00	0.00003c	(81030624)	365313.66	3766282.00	0.00003c	(81030624)
365333.66	3766282.00	0.00003c	(81030624)	365353.66	3766282.00	0.00003c	(81030624)
365373.66	3766282.00	0.00003c	(81011224)	365393.66	3766282.00	0.00003c	(81011224)
365413.66	3766282.00	0.00003c	(81011224)	365433.66	3766282.00	0.00003c	(81011224)
365453.66	3766282.00	0.00003c	(81011224)	365473.66	3766282.00	0.00003c	(81011224)
365493.66	3766282.00	0.00003c	(81020824)	365513.66	3766282.00	0.00003c	(81020824)
365533.66	3766282.00	0.00003c	(81020824)	365553.66	3766282.00	0.00003c	(81020824)
365573.66	3766282.00	0.00003c	(81122224)	365593.66	3766282.00	0.00004c	(81122224)
365613.66	3766282.00	0.00004c	(81122224)	365633.66	3766282.00	0.00004c	(81122224)
365653.66	3766282.00	0.00004c	(81122224)	365673.66	3766282.00	0.00005c	(81122224)
365693.66	3766282.00	0.00005c	(81122224)	365713.66	3766282.00	0.00005c	(81122224)
365733.66	3766282.00	0.00005c	(81122224)	365753.66	3766282.00	0.00005c	(81122224)
365773.66	3766282.00	0.00005c	(81122224)	365793.66	3766282.00	0.00005c	(81122224)
365813.66	3766282.00	0.00005c	(81122224)	365833.66	3766282.00	0.00004c	(81103024)
365853.66	3766282.00	0.00004c	(81103024)	365873.66	3766282.00	0.00004c	(81011224)
365893.66	3766282.00	0.00004c	(81011224)	365913.66	3766282.00	0.00004c	(81011224)
365933.66	3766282.00	0.00004c	(81011224)	365953.66	3766282.00	0.00004c	(81011224)
365973.66	3766282.00	0.00004c	(81011224)	365993.66	3766282.00	0.00003c	(81011224)

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***MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366013.66	3766282.00	0.00003c	(81011224)	366033.66	3766282.00	0.00003c	(81011224)
366053.66	3766282.00	0.00003c	(81011224)	366073.66	3766282.00	0.00003c	(81011224)
366093.66	3766282.00	0.00003c	(81103024)	366113.66	3766282.00	0.00003c	(81103024)
366133.66	3766282.00	0.00003c	(81103024)	366153.66	3766282.00	0.00003c	(81103024)
366173.66	3766282.00	0.00003c	(81103024)	366193.66	3766282.00	0.00003c	(81122224)
366213.66	3766282.00	0.00003c	(81122224)	366233.66	3766282.00	0.00003c	(81122224)
366253.66	3766282.00	0.00003c	(81122224)	366273.66	3766282.00	0.00003c	(81103024)
366293.66	3766282.00	0.00003c	(81103024)	366313.66	3766282.00	0.00003c	(81103024)
366333.66	3766282.00	0.00003c	(81103024)	366353.66	3766282.00	0.00003c	(81103024)
366373.66	3766282.00	0.00003c	(81103024)	366393.66	3766282.00	0.00003c	(81103024)
366413.66	3766282.00	0.00003c	(81103024)	366433.66	3766282.00	0.00003c	(81103024)
366453.66	3766282.00	0.00003c	(81103024)	366473.66	3766282.00	0.00002c	(81103024)
366493.66	3766282.00	0.00002c	(81103024)	364713.66	3766302.00	0.00007c	(81012724)
364733.66	3766302.00	0.00008c	(81012724)	364753.66	3766302.00	0.00009c	(81030424)
364773.66	3766302.00	0.00011c	(81102124)	364793.66	3766302.00	0.00012c	(81102124)
364813.66	3766302.00	0.00015c	(81082524)	364833.66	3766302.00	0.00018c	(81021424)
364853.66	3766302.00	0.00022c	(81021424)	364873.66	3766302.00	0.00019c	(81091824)
364893.66	3766302.00	0.00019c	(81050224)	364913.66	3766302.00	0.00021c	(81050224)
364933.66	3766302.00	0.00020c	(81050224)	364953.66	3766302.00	0.00016c	(81050224)
364973.66	3766302.00	0.00013c	(81101124)	364993.66	3766302.00	0.00012c	(81101124)
365013.66	3766302.00	0.00010c	(81101124)	365033.66	3766302.00	0.00008c	(81101124)
365053.66	3766302.00	0.00008c	(81081024)	365073.66	3766302.00	0.00008c	(81081024)
365093.66	3766302.00	0.00008c	(81051424)	365113.66	3766302.00	0.00007c	(81051424)
365133.66	3766302.00	0.00006c	(81051424)	365153.66	3766302.00	0.00005c	(81051424)
365173.66	3766302.00	0.00004c	(81021124)	365193.66	3766302.00	0.00004c	(81032224)
365213.66	3766302.00	0.00003c	(81011624)	365233.66	3766302.00	0.00003c	(81011624)
365253.66	3766302.00	0.00003c	(81030624)	365273.66	3766302.00	0.00003c	(81030624)
365293.66	3766302.00	0.00004c	(81030624)	365313.66	3766302.00	0.00004c	(81030624)
365333.66	3766302.00	0.00003c	(81030624)	365353.66	3766302.00	0.00003c	(81030624)
365373.66	3766302.00	0.00003c	(81030624)	365393.66	3766302.00	0.00003c	(81011224)
365413.66	3766302.00	0.00003c	(81011224)	365433.66	3766302.00	0.00003c	(81011224)
365453.66	3766302.00	0.00003c	(81011224)	365473.66	3766302.00	0.00003c	(81011224)
365493.66	3766302.00	0.00003c	(81011224)	365513.66	3766302.00	0.00003c	(81011224)
365533.66	3766302.00	0.00003c	(81020824)	365553.66	3766302.00	0.00004c	(81122224)
365573.66	3766302.00	0.00004c	(81122224)	365593.66	3766302.00	0.00004c	(81122224)
365613.66	3766302.00	0.00004c	(81122224)	365633.66	3766302.00	0.00005c	(81122224)
365653.66	3766302.00	0.00005c	(81122224)	365673.66	3766302.00	0.00005c	(81122224)
365693.66	3766302.00	0.00006c	(81122224)	365713.66	3766302.00	0.00006c	(81122224)
365733.66	3766302.00	0.00006c	(81122224)	365753.66	3766302.00	0.00006c	(81122224)
365773.66	3766302.00	0.00006c	(81122224)	365793.66	3766302.00	0.00005c	(81122224)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365813.66	3766302.00	0.00005c	(81103024)	365833.66	3766302.00	0.00005c	(81103024)
365853.66	3766302.00	0.00005c	(81011224)	365873.66	3766302.00	0.00005c	(81011224)
365893.66	3766302.00	0.00005c	(81011224)	365913.66	3766302.00	0.00004c	(81011224)
365933.66	3766302.00	0.00004c	(81011224)	365953.66	3766302.00	0.00004c	(81011224)
365973.66	3766302.00	0.00004c	(81011224)	365993.66	3766302.00	0.00004c	(81011224)
366013.66	3766302.00	0.00003c	(81011224)	366033.66	3766302.00	0.00003c	(81011224)
366053.66	3766302.00	0.00003c	(81011224)	366073.66	3766302.00	0.00003c	(81011224)
366093.66	3766302.00	0.00003c	(81103124)	366113.66	3766302.00	0.00003c	(81103124)
366133.66	3766302.00	0.00003c	(81103124)	366153.66	3766302.00	0.00003c	(81103124)
366173.66	3766302.00	0.00003c	(81103124)	366193.66	3766302.00	0.00003c	(81122224)
366213.66	3766302.00	0.00003c	(81122224)	366233.66	3766302.00	0.00003c	(81122224)
366253.66	3766302.00	0.00003c	(81103024)	366273.66	3766302.00	0.00003c	(81103024)
366293.66	3766302.00	0.00003c	(81103024)	366313.66	3766302.00	0.00003c	(81103024)
366333.66	3766302.00	0.00003c	(81103024)	366353.66	3766302.00	0.00003c	(81103024)
366373.66	3766302.00	0.00003c	(81103024)	366393.66	3766302.00	0.00003c	(81103024)
366413.66	3766302.00	0.00003c	(81103024)	366433.66	3766302.00	0.00003c	(81103024)
366453.66	3766302.00	0.00003c	(81103024)	366473.66	3766302.00	0.00003c	(81103024)
366493.66	3766302.00	0.00002c	(81103024)	364713.66	3766322.00	0.00006c	(81030424)
364733.66	3766322.00	0.00006c	(81030424)	364753.66	3766322.00	0.00007c	(81102124)
364773.66	3766322.00	0.00008c	(81102124)	364793.66	3766322.00	0.00010c	(81082524)
364813.66	3766322.00	0.00010c	(81021724)	364833.66	3766322.00	0.00013c	(81021424)
364853.66	3766322.00	0.00014c	(81021424)	364873.66	3766322.00	0.00013c	(81091824)
364893.66	3766322.00	0.00012c	(81021424)	364913.66	3766322.00	0.00014c	(81050224)
364933.66	3766322.00	0.00015c	(81050224)	364953.66	3766322.00	0.00014c	(81050224)
364973.66	3766322.00	0.00011c	(81050224)	364993.66	3766322.00	0.00009c	(81101124)
365013.66	3766322.00	0.00009c	(81101124)	365033.66	3766322.00	0.00008c	(81101124)
365053.66	3766322.00	0.00007c	(81080824)	365073.66	3766322.00	0.00007c	(81101124)
365093.66	3766322.00	0.00007c	(81051424)	365113.66	3766322.00	0.00007c	(81051424)
365133.66	3766322.00	0.00006c	(81051424)	365153.66	3766322.00	0.00006c	(81051424)
365173.66	3766322.00	0.00005c	(81051424)	365193.66	3766322.00	0.00004c	(81021124)
365213.66	3766322.00	0.00004c	(81021124)	365233.66	3766322.00	0.00003c	(81011624)
365253.66	3766322.00	0.00003c	(81011624)	365273.66	3766322.00	0.00004c	(81030624)
365293.66	3766322.00	0.00004c	(81030624)	365313.66	3766322.00	0.00004c	(81030624)
365333.66	3766322.00	0.00004c	(81030624)	365353.66	3766322.00	0.00004c	(81030624)
365373.66	3766322.00	0.00004c	(81030624)	365393.66	3766322.00	0.00004c	(81030624)
365413.66	3766322.00	0.00004c	(81011224)	365433.66	3766322.00	0.00004c	(81011224)
365453.66	3766322.00	0.00004c	(81011224)	365473.66	3766322.00	0.00004c	(81011224)
365493.66	3766322.00	0.00004c	(81011224)	365513.66	3766322.00	0.00004c	(81011224)
365533.66	3766322.00	0.00004c	(81122224)	365553.66	3766322.00	0.00004c	(81122224)
365573.66	3766322.00	0.00004c	(81122224)	365593.66	3766322.00	0.00004c	(81122224)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

PM25op.POU.txt
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365613.66	3766322.00	0.00005	(81122224)	365633.66	3766322.00	0.00005	(81122224)
365653.66	3766322.00	0.00006	(81122224)	365673.66	3766322.00	0.00006	(81122224)
365693.66	3766322.00	0.00006	(81122224)	365713.66	3766322.00	0.00007	(81122224)
365733.66	3766322.00	0.00007	(81122224)	365753.66	3766322.00	0.00006	(81122224)
365773.66	3766322.00	0.00006	(81122224)	365793.66	3766322.00	0.00006	(81122224)
365813.66	3766322.00	0.00005c	(81103024)	365833.66	3766322.00	0.00005c	(81011224)
365853.66	3766322.00	0.00005c	(81011224)	365873.66	3766322.00	0.00005c	(81011224)
365893.66	3766322.00	0.00005c	(81011224)	365913.66	3766322.00	0.00005c	(81011224)
365933.66	3766322.00	0.00005c	(81011224)	365953.66	3766322.00	0.00004c	(81011224)
365973.66	3766322.00	0.00004c	(81011224)	365993.66	3766322.00	0.00004c	(81011224)
366013.66	3766322.00	0.00004c	(81011224)	366033.66	3766322.00	0.00003c	(81011224)
366053.66	3766322.00	0.00003c	(81011224)	366073.66	3766322.00	0.00003c	(81011224)
366093.66	3766322.00	0.00003c	(81103124)	366113.66	3766322.00	0.00003c	(81103124)
366133.66	3766322.00	0.00003c	(81103124)	366153.66	3766322.00	0.00003c	(81103124)
366173.66	3766322.00	0.00003c	(81103124)	366193.66	3766322.00	0.00003	(81122224)
366213.66	3766322.00	0.00003	(81122224)	366233.66	3766322.00	0.00003c	(81103024)
366253.66	3766322.00	0.00003c	(81103024)	366273.66	3766322.00	0.00003c	(81103024)
366293.66	3766322.00	0.00003c	(81103024)	366313.66	3766322.00	0.00003c	(81103024)
366333.66	3766322.00	0.00003c	(81103024)	366353.66	3766322.00	0.00003c	(81103024)
366373.66	3766322.00	0.00003c	(81103024)	366393.66	3766322.00	0.00003c	(81103024)
366413.66	3766322.00	0.00003c	(81103024)	366433.66	3766322.00	0.00003c	(81103024)
366453.66	3766322.00	0.00003c	(81103024)	366473.66	3766322.00	0.00003c	(81103024)
366493.66	3766322.00	0.00002c	(81103024)	364713.66	3766342.00	0.00005c	(81030424)
364733.66	3766342.00	0.00005c	(81102124)	364753.66	3766342.00	0.00006c	(81123124)
364773.66	3766342.00	0.00007c	(81082524)	364793.66	3766342.00	0.00008c	(81082524)
364813.66	3766342.00	0.00007c	(81021724)	364833.66	3766342.00	0.00010c	(81021424)
364853.66	3766342.00	0.00010c	(81021424)	364873.66	3766342.00	0.00010c	(81091824)
364893.66	3766342.00	0.00009c	(81091824)	364913.66	3766342.00	0.00009c	(81050224)
364933.66	3766342.00	0.00011c	(81050224)	364953.66	3766342.00	0.00011c	(81050224)
364973.66	3766342.00	0.00010c	(81050224)	364993.66	3766342.00	0.00008c	(81050224)
365013.66	3766342.00	0.00007c	(81102724)	365033.66	3766342.00	0.00007c	(81101124)
365053.66	3766342.00	0.00007c	(81101124)	365073.66	3766342.00	0.00006c	(81101124)
365093.66	3766342.00	0.00006c	(81101124)	365113.66	3766342.00	0.00006c	(81101124)
365133.66	3766342.00	0.00005c	(81051424)	365153.66	3766342.00	0.00005c	(81051424)
365173.66	3766342.00	0.00005c	(81051424)	365193.66	3766342.00	0.00004c	(81051424)
365213.66	3766342.00	0.00004c	(81021124)	365233.66	3766342.00	0.00004c	(81021124)
365253.66	3766342.00	0.00003c	(81011624)	365273.66	3766342.00	0.00003c	(81011624)
365293.66	3766342.00	0.00004c	(81030624)	365313.66	3766342.00	0.00004c	(81030624)
365333.66	3766342.00	0.00004c	(81030624)	365353.66	3766342.00	0.00004c	(81030624)
365373.66	3766342.00	0.00004c	(81030624)	365393.66	3766342.00	0.00004c	(81030624)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):

L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344, L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365413.66	3766342.00	0.00004c	(81030624)	365433.66	3766342.00	0.00004c	(81011224)
365453.66	3766342.00	0.00004c	(81011224)	365473.66	3766342.00	0.00005c	(81011224)
365493.66	3766342.00	0.00005c	(81011224)	365513.66	3766342.00	0.00005c	(81011224)
365533.66	3766342.00	0.00005	(81122224)	365553.66	3766342.00	0.00005	(81122224)
365573.66	3766342.00	0.00005	(81122224)	365593.66	3766342.00	0.00005	(81122224)
365613.66	3766342.00	0.00005	(81122224)	365633.66	3766342.00	0.00006	(81122224)
365653.66	3766342.00	0.00006	(81122224)	365673.66	3766342.00	0.00007	(81122224)
365693.66	3766342.00	0.00007	(81122224)	365713.66	3766342.00	0.00007	(81122224)
365733.66	3766342.00	0.00007	(81122224)	365753.66	3766342.00	0.00007	(81122224)
365773.66	3766342.00	0.00007	(81122224)	365793.66	3766342.00	0.00006c	(81103024)
365813.66	3766342.00	0.00006c	(81011224)	365833.66	3766342.00	0.00006c	(81011224)
365853.66	3766342.00	0.00006c	(81011224)	365873.66	3766342.00	0.00006c	(81011224)
365893.66	3766342.00	0.00006c	(81011224)	365913.66	3766342.00	0.00005c	(81011224)
365933.66	3766342.00	0.00005c	(81011224)	365953.66	3766342.00	0.00005c	(81011224)
365973.66	3766342.00	0.00004c	(81011224)	365993.66	3766342.00	0.00004c	(81011224)
366013.66	3766342.00	0.00004c	(81011224)	366033.66	3766342.00	0.00004c	(81011224)
366053.66	3766342.00	0.00003c	(81011224)	366073.66	3766342.00	0.00003c	(81103124)
366093.66	3766342.00	0.00003c	(81103124)	366113.66	3766342.00	0.00003c	(81103124)
366133.66	3766342.00	0.00003c	(81103124)	366153.66	3766342.00	0.00003c	(81103124)
366173.66	3766342.00	0.00003c	(81103124)	366193.66	3766342.00	0.00003c	(81103124)
366213.66	3766342.00	0.00003c	(81103124)	366233.66	3766342.00	0.00003c	(81103124)
366253.66	3766342.00	0.00003c	(81103024)	366273.66	3766342.00	0.00003c	(81103024)
366293.66	3766342.00	0.00003c	(81103024)	366313.66	3766342.00	0.00003c	(81103024)
366333.66	3766342.00	0.00003c	(81103024)	366353.66	3766342.00	0.00003c	(81103024)
366373.66	3766342.00	0.00003c	(81103024)	366393.66	3766342.00	0.00003c	(81103024)
366413.66	3766342.00	0.00003c	(81103024)	366433.66	3766342.00	0.00003c	(81103024)
366453.66	3766342.00	0.00003c	(81103024)	366473.66	3766342.00	0.00003c	(81103024)
366493.66	3766342.00	0.00003c	(81103024)	364713.66	3766362.00	0.00004c	(81030424)
364733.66	3766362.00	0.00005c	(81123124)	364753.66	3766362.00	0.00005c	(81082524)
364773.66	3766362.00	0.00006c	(81082524)	364793.66	3766362.00	0.00006c	(81021724)
364813.66	3766362.00	0.00006c	(81021424)	364833.66	3766362.00	0.00008c	(81021424)
364853.66	3766362.00	0.00008c	(81121724)	364873.66	3766362.00	0.00008c	(81091824)
364893.66	3766362.00	0.00007c	(81091824)	364913.66	3766362.00	0.00007c	(81021424)
364933.66	3766362.00	0.00008c	(81050224)	364953.66	3766362.00	0.00009c	(81050224)
364973.66	3766362.00	0.00009c	(81050224)	364993.66	3766362.00	0.00008c	(81050224)
365013.66	3766362.00	0.00007c	(81050224)	365033.66	3766362.00	0.00006c	(81082724)
365053.66	3766362.00	0.00006c	(81101124)	365073.66	3766362.00	0.00006c	(81101124)
365093.66	3766362.00	0.00006c	(81101124)	365113.66	3766362.00	0.00005c	(81101124)
365133.66	3766362.00	0.00005c	(81101124)	365153.66	3766362.00	0.00005c	(81021124)
365173.66	3766362.00	0.00005c	(81021124)	365193.66	3766362.00	0.00004c	(81021124)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):

L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344, L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

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

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365213.66 3766362.00 0.00004c (81021124) PM25op.POU.txt 365233.66 3766362.00 0.00004c (81021124)
365253.66 3766362.00 0.00004c (81021124) 365273.66 3766362.00 0.00004c (81021124)
365293.66 3766362.00 0.00004c (81030624) 365313.66 3766362.00 0.00004c (81030624)
365333.66 3766362.00 0.00004c (81030624) 365353.66 3766362.00 0.00005c (81030624)
365373.66 3766362.00 0.00005c (81030624) 365393.66 3766362.00 0.00005c (81030624)
365413.66 3766362.00 0.00005c (81030624) 365433.66 3766362.00 0.00005c (81030624)
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365493.66 3766362.00 0.00005c (81011224) 365513.66 3766362.00 0.00006c (81011224)
365533.66 3766362.00 0.00006c (81011224) 365553.66 3766362.00 0.00006c (81011224)
365573.66 3766362.00 0.00006c (81011224) 365593.66 3766362.00 0.00006c (81011224)
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365733.66 3766362.00 0.00008c (81122224) 365753.66 3766362.00 0.00008c (81122224)
365773.66 3766362.00 0.00007c (81122224) 365793.66 3766362.00 0.00007c (81011224)
365813.66 3766362.00 0.00007c (81011224) 365833.66 3766362.00 0.00007c (81011224)
365853.66 3766362.00 0.00007c (81011224) 365873.66 3766362.00 0.00006c (81011224)
365893.66 3766362.00 0.00006c (81011224) 365913.66 3766362.00 0.00006c (81011224)
365933.66 3766362.00 0.00005c (81011224) 365953.66 3766362.00 0.00005c (81011224)
365973.66 3766362.00 0.00005c (81011224) 365993.66 3766362.00 0.00004c (81011224)
366013.66 3766362.00 0.00004c (81011224) 366033.66 3766362.00 0.00004c (81011224)
366053.66 3766362.00 0.00004c (81011224) 366073.66 3766362.00 0.00004c (81103124)
366093.66 3766362.00 0.00004c (81103124) 366113.66 3766362.00 0.00003c (81103124)
366133.66 3766362.00 0.00003c (81103124) 366153.66 3766362.00 0.00004c (81103124)
366173.66 3766362.00 0.00004c (81103124) 366193.66 3766362.00 0.00004c (81103124)
366213.66 3766362.00 0.00004c (81103124) 366233.66 3766362.00 0.00004c (81103124)
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366293.66 3766362.00 0.00004c (81103024) 366313.66 3766362.00 0.00003c (81103024)
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366373.66 3766362.00 0.00003c (81103024) 366393.66 3766362.00 0.00003c (81103024)
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366493.66 3766362.00 0.00003c (81103024) 364713.66 3766382.00 0.00004c (81123124)
364733.66 3766382.00 0.00004c (81082524) 364753.66 3766382.00 0.00005c (81082524)
364773.66 3766382.00 0.00005c (81082524) 364793.66 3766382.00 0.00005c (81021724)
364813.66 3766382.00 0.00006c (81021424) 364833.66 3766382.00 0.00007c (81121724)
364853.66 3766382.00 0.00006c (81121024) 364873.66 3766382.00 0.00006c (81091824)
364893.66 3766382.00 0.00006c (81091824) 364913.66 3766382.00 0.00006c (81021424)
364933.66 3766382.00 0.00006c (81021424) 364953.66 3766382.00 0.00006c (81050224)
364973.66 3766382.00 0.00007c (81050224) 364993.66 3766382.00 0.00007c (81050224)
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
365013.66 3766382.00 0.00006c (81050224) 365033.66 3766382.00 0.00005c (81082724)
365053.66 3766382.00 0.00005c (81082724) 365073.66 3766382.00 0.00005c (81101124)
365093.66 3766382.00 0.00005c (81101124) 365113.66 3766382.00 0.00005c (81101124)
365133.66 3766382.00 0.00005c (81101124) 365153.66 3766382.00 0.00005c (81101124)
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365213.66 3766382.00 0.00004c (81021124) 365233.66 3766382.00 0.00004c (81021124)
365253.66 3766382.00 0.00004c (81021124) 365273.66 3766382.00 0.00004c (81021124)
365293.66 3766382.00 0.00004c (81021124) 365313.66 3766382.00 0.00004c (81030624)
365333.66 3766382.00 0.00004c (81030624) 365353.66 3766382.00 0.00005c (81030624)
365373.66 3766382.00 0.00006c (81030624) 365393.66 3766382.00 0.00006c (81030624)
365413.66 3766382.00 0.00006c (81030624) 365433.66 3766382.00 0.00006c (81030624)
365453.66 3766382.00 0.00006c (81011224) 365473.66 3766382.00 0.00006c (81011224)
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365573.66 3766382.00 0.00008c (81011224) 365593.66 3766382.00 0.00008c (81011224)
365613.66 3766382.00 0.00008c (81011224) 365633.66 3766382.00 0.00008c (81122224)
365653.66 3766382.00 0.00009c (81122224) 365673.66 3766382.00 0.00009c (81122224)
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365733.66 3766382.00 0.00009c (81122224) 365753.66 3766382.00 0.00009c (81122224)
365773.66 3766382.00 0.00008c (81103024) 365793.66 3766382.00 0.00008c (81011224)
365813.66 3766382.00 0.00008c (81011224) 365833.66 3766382.00 0.00008c (81011224)
365853.66 3766382.00 0.00007c (81011224) 365873.66 3766382.00 0.00007c (81011224)
365893.66 3766382.00 0.00007c (81011224) 365913.66 3766382.00 0.00006c (81011224)
365933.66 3766382.00 0.00006c (81011224) 365953.66 3766382.00 0.00005c (81011224)
365973.66 3766382.00 0.00005c (81011224) 365993.66 3766382.00 0.00005c (81011224)
366013.66 3766382.00 0.00005c (81011224) 366033.66 3766382.00 0.00004c (81011224)
366053.66 3766382.00 0.00004c (81103124) 366073.66 3766382.00 0.00004c (81103124)
366093.66 3766382.00 0.00004c (81103124) 366113.66 3766382.00 0.00004c (81103124)
366133.66 3766382.00 0.00004c (81103124) 366153.66 3766382.00 0.00004c (81103124)
366173.66 3766382.00 0.00004c (81103124) 366193.66 3766382.00 0.00004c (81103124)
366213.66 3766382.00 0.00004c (81103124) 366233.66 3766382.00 0.00004c (81103124)
366253.66 3766382.00 0.00004c (81103124) 366273.66 3766382.00 0.00004c (81103124)
366293.66 3766382.00 0.00004c (81103124) 366313.66 3766382.00 0.00004c (81103024)
366333.66 3766382.00 0.00004c (81103024) 366353.66 3766382.00 0.00004c (81103024)
366373.66 3766382.00 0.00003c (81103024) 366393.66 3766382.00 0.00003c (81103024)
366413.66 3766382.00 0.00003c (81103024) 366433.66 3766382.00 0.00003c (81103024)
366453.66 3766382.00 0.00003c (81103024) 366473.66 3766382.00 0.00003c (81103024)
366493.66 3766382.00 0.00003c (81103024) 364713.66 3766402.00 0.00003c (81082524)
364733.66 3766402.00 0.00004c (81082524) 364753.66 3766402.00 0.00004c (81082524)
364773.66 3766402.00 0.00004c (81042924) 364793.66 3766402.00 0.00004c (81031524)
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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
364813.66 3766402.00 0.00005c (81021424) 364833.66 3766402.00 0.00006c (81121724)
364853.66 3766402.00 0.00006c (81121024) 364873.66 3766402.00 0.00005c (81040624)
364893.66 3766402.00 0.00005c (81122424) 364913.66 3766402.00 0.00005c (81021424)
364933.66 3766402.00 0.00005c (81021424) 364953.66 3766402.00 0.00005c (81050224)
364973.66 3766402.00 0.00006c (81050224) 364993.66 3766402.00 0.00006c (81050224)
365013.66 3766402.00 0.00006c (81050224) 365033.66 3766402.00 0.00005c (81050224)

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365053.66	3766402.00	0.00004c	(81082724)	PM25op.POU.txt	365073.66	3766402.00	0.00004c	(81082724)
365093.66	3766402.00	0.00005c	(81101124)		365113.66	3766402.00	0.00005c	(81101124)
365133.66	3766402.00	0.00005c	(81101124)		365153.66	3766402.00	0.00005c	(81101124)
365173.66	3766402.00	0.00005c	(81101124)		365193.66	3766402.00	0.00004c	(81101124)
365213.66	3766402.00	0.00004c	(81021124)		365233.66	3766402.00	0.00004c	(81021124)
365253.66	3766402.00	0.00004c	(81021124)		365273.66	3766402.00	0.00004c	(81021124)
365293.66	3766402.00	0.00004c	(81021124)		365313.66	3766402.00	0.00004c	(81021124)
365333.66	3766402.00	0.00004c	(81021124)		365353.66	3766402.00	0.00005c	(81030624)
365373.66	3766402.00	0.00006c	(81030624)		365393.66	3766402.00	0.00007c	(81030624)
365413.66	3766402.00	0.00007c	(81011224)		365433.66	3766402.00	0.00007c	(81030624)
365453.66	3766402.00	0.00007c	(81030624)		365473.66	3766402.00	0.00007c	(81011224)
365493.66	3766402.00	0.00009	(81122224)		365513.66	3766402.00	0.00011c	(81011224)
365533.66	3766402.00	0.00012c	(81011224)		365553.66	3766402.00	0.00012c	(81011224)
365573.66	3766402.00	0.00011c	(81011224)		365593.66	3766402.00	0.00010c	(81011224)
365613.66	3766402.00	0.00010c	(81011224)		365633.66	3766402.00	0.00010	(81122224)
365653.66	3766402.00	0.00011	(81122224)		365673.66	3766402.00	0.00011	(81122224)
365693.66	3766402.00	0.00011	(81122224)		365713.66	3766402.00	0.00011	(81122224)
365733.66	3766402.00	0.00010	(81122224)		365753.66	3766402.00	0.00010	(81122224)
365773.66	3766402.00	0.00009c	(81011224)		365793.66	3766402.00	0.00009c	(81011224)
365813.66	3766402.00	0.00009c	(81011224)		365833.66	3766402.00	0.00009c	(81011224)
365853.66	3766402.00	0.00008c	(81011224)		365873.66	3766402.00	0.00008c	(81011224)
365893.66	3766402.00	0.00007c	(81011224)		365913.66	3766402.00	0.00007c	(81011224)
365933.66	3766402.00	0.00006c	(81011224)		365953.66	3766402.00	0.00006c	(81011224)
365973.66	3766402.00	0.00006c	(81011224)		365993.66	3766402.00	0.00005c	(81011224)
366013.66	3766402.00	0.00005c	(81011224)		366033.66	3766402.00	0.00005c	(81011224)
366053.66	3766402.00	0.00004c	(81103124)		366073.66	3766402.00	0.00004c	(81103124)
366093.66	3766402.00	0.00004c	(81103124)		366113.66	3766402.00	0.00004c	(81103124)
366133.66	3766402.00	0.00004c	(81103124)		366153.66	3766402.00	0.00004c	(81103124)
366173.66	3766402.00	0.00004c	(81103124)		366193.66	3766402.00	0.00004c	(81103124)
366213.66	3766402.00	0.00004c	(81103124)		366233.66	3766402.00	0.00004c	(81103124)
366253.66	3766402.00	0.00004c	(81103124)		366273.66	3766402.00	0.00004c	(81103124)
366293.66	3766402.00	0.00004c	(81103124)		366313.66	3766402.00	0.00004c	(81103124)
366333.66	3766402.00	0.00004c	(81103024)		366353.66	3766402.00	0.00004c	(81103024)
366373.66	3766402.00	0.00004c	(81103024)		366393.66	3766402.00	0.00004c	(81103024)

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332, L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344, L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3				**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366413.66	3766402.00	0.00003c	(81103024)	366433.66	3766402.00	0.00003c	(81103024)
366453.66	3766402.00	0.00003c	(81103124)	366473.66	3766402.00	0.00003c	(81103124)
366493.66	3766402.00	0.00003c	(81103024)	364713.66	3766422.00	0.00003c	(81082524)
364733.66	3766422.00	0.00003c	(81082524)	364753.66	3766422.00	0.00003	(81042924)
364773.66	3766422.00	0.00003	(81042924)	364793.66	3766422.00	0.00004	(81031524)
364813.66	3766422.00	0.00004c	(81021424)	364833.66	3766422.00	0.00005c	(81121724)
364853.66	3766422.00	0.00005c	(81121024)	364873.66	3766422.00	0.00004c	(81040624)
364893.66	3766422.00	0.00005c	(81122424)	364913.66	3766422.00	0.00004c	(81081524)
364933.66	3766422.00	0.00004c	(81021424)	364953.66	3766422.00	0.00004c	(81021424)
364973.66	3766422.00	0.00004c	(81050224)	364993.66	3766422.00	0.00005c	(81050224)
365013.66	3766422.00	0.00005c	(81050224)	365033.66	3766422.00	0.00005c	(81050224)
365053.66	3766422.00	0.00004c	(81050224)	365073.66	3766422.00	0.00004c	(81050224)
365093.66	3766422.00	0.00004c	(81011924)	365113.66	3766422.00	0.00004c	(81011924)
365133.66	3766422.00	0.00004c	(81011924)	365153.66	3766422.00	0.00004c	(81101124)
365173.66	3766422.00	0.00004c	(81101124)	365193.66	3766422.00	0.00004c	(81101124)
365213.66	3766422.00	0.00004c	(81101124)	365233.66	3766422.00	0.00004c	(81030224)
365253.66	3766422.00	0.00005c	(81030224)	365273.66	3766422.00	0.00005c	(81030224)
365293.66	3766422.00	0.00005c	(81030224)	365313.66	3766422.00	0.00005c	(81030224)
365333.66	3766422.00	0.00005c	(81030224)	365353.66	3766422.00	0.00005c	(81030224)
365373.66	3766422.00	0.00006c	(81101224)	365393.66	3766422.00	0.00007c	(81030624)
365413.66	3766422.00	0.00009c	(81030624)	365433.66	3766422.00	0.00010c	(81011224)
365453.66	3766422.00	0.00009c	(81011224)	365473.66	3766422.00	0.00011	(81122224)
365493.66	3766422.00	0.00014	(81122224)	365513.66	3766422.00	0.00016c	(81011224)
365533.66	3766422.00	0.00016c	(81011224)	365553.66	3766422.00	0.00016c	(81011224)
365573.66	3766422.00	0.00015c	(81011224)	365593.66	3766422.00	0.00014c	(81011224)
365613.66	3766422.00	0.00013c	(81011224)	365633.66	3766422.00	0.00012	(81122224)
365653.66	3766422.00	0.00013	(81122224)	365673.66	3766422.00	0.00013	(81122224)
365693.66	3766422.00	0.00013	(81122224)	365713.66	3766422.00	0.00013	(81122224)
365733.66	3766422.00	0.00012	(81122224)	365753.66	3766422.00	0.00011c	(81011224)
365773.66	3766422.00	0.00011c	(81011224)	365793.66	3766422.00	0.00010c	(81011224)
365813.66	3766422.00	0.00010c	(81011224)	365833.66	3766422.00	0.00009c	(81011224)
365853.66	3766422.00	0.00009c	(81011224)	365873.66	3766422.00	0.00008c	(81011224)
365893.66	3766422.00	0.00008c	(81011224)	365913.66	3766422.00	0.00007c	(81011224)
365933.66	3766422.00	0.00007c	(81011224)	365953.66	3766422.00	0.00006c	(81011224)
365973.66	3766422.00	0.00006c	(81011224)	365993.66	3766422.00	0.00006c	(81011224)
366013.66	3766422.00	0.00005c	(81011224)	366033.66	3766422.00	0.00005c	(81011224)
366053.66	3766422.00	0.00005c	(81103124)	366073.66	3766422.00	0.00005c	(81103124)
366093.66	3766422.00	0.00005c	(81103124)	366113.66	3766422.00	0.00005c	(81103124)
366133.66	3766422.00	0.00005c	(81103124)	366153.66	3766422.00	0.00005c	(81103124)
366173.66	3766422.00	0.00005c	(81103124)	366193.66	3766422.00	0.00005c	(81103124)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332, L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344, L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3				**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366213.66	3766422.00	0.00005c	(81103124)	366233.66	3766422.00	0.00005c	(81103124)
366253.66	3766422.00	0.00005c	(81103124)	366273.66	3766422.00	0.00005c	(81103124)
366293.66	3766422.00	0.00004c	(81103124)	366313.66	3766422.00	0.00004c	(81103124)
366333.66	3766422.00	0.00004c	(81103124)	366353.66	3766422.00	0.00004c	(81103024)
366373.66	3766422.00	0.00004c	(81103024)	366393.66	3766422.00	0.00004c	(81103024)
366413.66	3766422.00	0.00004c	(81103124)	366433.66	3766422.00	0.00003c	(81103124)
366453.66	3766422.00	0.00003c	(81103124)	366473.66	3766422.00	0.00003c	(81103124)
366493.66	3766422.00	0.00003c	(81103124)	364713.66	3766442.00	0.00003c	(81082524)
364733.66	3766442.00	0.00003	(81042924)	364753.66	3766442.00	0.00003	(81042924)
364773.66	3766442.00	0.00003	(81042924)	364793.66	3766442.00	0.00003	(81031524)
364813.66	3766442.00	0.00004c	(81121724)	364833.66	3766442.00	0.00005c	(81121724)
364853.66	3766442.00	0.00004c	(81121024)	364873.66	3766442.00	0.00004c	(81040624)

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364893.66 3766442.00 0.00004c (81122424) PM25op.POU.txt 364913.66 3766442.00 0.00004c (81122424)
364933.66 3766442.00 0.00004c (81021424) 364953.66 3766442.00 0.00004c (81021424)
364973.66 3766442.00 0.00004c (81011924) 364993.66 3766442.00 0.00004c (81050224)
365013.66 3766442.00 0.00004c (81050224) 365033.66 3766442.00 0.00004c (81050224)
365053.66 3766442.00 0.00004c (81050224) 365073.66 3766442.00 0.00004c (81050224)
365093.66 3766442.00 0.00004c (81011924) 365113.66 3766442.00 0.00004c (81011924)
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365173.66 3766442.00 0.00004c (81011924) 365193.66 3766442.00 0.00004c (81011924)
365213.66 3766442.00 0.00004c (81011924) 365233.66 3766442.00 0.00004c (81011924)
365253.66 3766442.00 0.00005c (81030224) 365273.66 3766442.00 0.00005c (81030224)
365293.66 3766442.00 0.00006c (81030224) 365313.66 3766442.00 0.00006c (81030224)
365333.66 3766442.00 0.00007c (81030224) 365353.66 3766442.00 0.00007c (81030224)
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365413.66 3766442.00 0.00010c (81030624) 365433.66 3766442.00 0.00015c (81030624)
365453.66 3766442.00 0.00018c (81011224) 365473.66 3766442.00 0.00025 (81122224)
365493.66 3766442.00 0.00026c (81011224) 365513.66 3766442.00 0.00024c (81011224)
365533.66 3766442.00 0.00022c (81011224) 365553.66 3766442.00 0.00022c (81011224)
365573.66 3766442.00 0.00021c (81011224) 365593.66 3766442.00 0.00019c (81011224)
365613.66 3766442.00 0.00017c (81011224) 365633.66 3766442.00 0.00016 (81122224)
365653.66 3766442.00 0.00017 (81122224) 365673.66 3766442.00 0.00017 (81122224)
365693.66 3766442.00 0.00016 (81122224) 365713.66 3766442.00 0.00015 (81122224)
365733.66 3766442.00 0.00014c (81011224) 365753.66 3766442.00 0.00014c (81011224)
365773.66 3766442.00 0.00013c (81011224) 365793.66 3766442.00 0.00012c (81011224)
365813.66 3766442.00 0.00011c (81011224) 365833.66 3766442.00 0.00010c (81011224)
365853.66 3766442.00 0.00010c (81011224) 365873.66 3766442.00 0.00009c (81011224)
365893.66 3766442.00 0.00008c (81011224) 365913.66 3766442.00 0.00008c (81011224)
365933.66 3766442.00 0.00008c (81011224) 365953.66 3766442.00 0.00007c (81011224)
365973.66 3766442.00 0.00007c (81011224) 365993.66 3766442.00 0.00006c (81011224)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
366013.66 3766442.00 0.00006c (81011224) 366033.66 3766442.00 0.00006c (81103124)
366053.66 3766442.00 0.00006c (81103124) 366073.66 3766442.00 0.00006c (81103124)
366093.66 3766442.00 0.00006c (81103124) 366113.66 3766442.00 0.00006c (81103124)
366133.66 3766442.00 0.00006c (81103124) 366153.66 3766442.00 0.00006c (81103124)
366173.66 3766442.00 0.00006c (81103124) 366193.66 3766442.00 0.00005c (81103124)
366213.66 3766442.00 0.00005c (81103124) 366233.66 3766442.00 0.00005c (81103124)
366253.66 3766442.00 0.00005c (81103124) 366273.66 3766442.00 0.00005c (81103124)
366293.66 3766442.00 0.00005c (81103124) 366313.66 3766442.00 0.00005c (81103124)
366333.66 3766442.00 0.00004c (81103124) 366353.66 3766442.00 0.00004c (81103124)
366373.66 3766442.00 0.00004c (81103124) 366393.66 3766442.00 0.00004c (81103124)
366413.66 3766442.00 0.00004c (81103124) 366433.66 3766442.00 0.00004c (81103124)
366453.66 3766442.00 0.00003c (81103124) 366473.66 3766442.00 0.00003c (81103124)
366493.66 3766442.00 0.00003c (81103124) 364713.66 3766462.00 0.00003 (81042924)
364733.66 3766462.00 0.00003 (81042924) 364753.66 3766462.00 0.00003 (81042924)
364773.66 3766462.00 0.00003 (81031524) 364793.66 3766462.00 0.00003 (81031524)
364813.66 3766462.00 0.00004c (81121724) 364833.66 3766462.00 0.00004c (81121724)
364853.66 3766462.00 0.00004c (81121024) 364873.66 3766462.00 0.00003c (81121024)
364893.66 3766462.00 0.00004c (81122424) 364913.66 3766462.00 0.00003c (81122424)
364933.66 3766462.00 0.00003c (81021424) 364953.66 3766462.00 0.00003c (81021424)
364973.66 3766462.00 0.00003c (81021424) 364993.66 3766462.00 0.00003c (81011924)
365013.66 3766462.00 0.00004c (81121024) 365033.66 3766462.00 0.00004c (81050224)
365053.66 3766462.00 0.00004c (81050224) 365073.66 3766462.00 0.00004c (81050224)
365093.66 3766462.00 0.00004c (81061224) 365113.66 3766462.00 0.00004c (81011924)
365133.66 3766462.00 0.00004c (81011924) 365153.66 3766462.00 0.00004c (81011924)
365173.66 3766462.00 0.00004c (81011924) 365193.66 3766462.00 0.00004c (81011924)
365213.66 3766462.00 0.00004c (81011924) 365233.66 3766462.00 0.00004c (81011924)
365253.66 3766462.00 0.00005c (81011924) 365273.66 3766462.00 0.00005c (81012924)
365293.66 3766462.00 0.00005c (81030224) 365313.66 3766462.00 0.00006c (81030224)
365333.66 3766462.00 0.00007c (81030224) 365353.66 3766462.00 0.00008c (81030224)
365373.66 3766462.00 0.00009c (81030224) 365393.66 3766462.00 0.00011c (81030224)
365413.66 3766462.00 0.00015c (81030224) 365433.66 3766462.00 0.00023c (81112724)
365453.66 3766462.00 0.00023c (81030624) 365473.66 3766462.00 0.00021c (81030624)
365493.66 3766462.00 0.00037c (81011224) 365513.66 3766462.00 0.00038c (81011224)
365533.66 3766462.00 0.00035c (81011224) 365553.66 3766462.00 0.00032c (81011224)
365573.66 3766462.00 0.00031c (81011224) 365593.66 3766462.00 0.00028c (81011224)
365613.66 3766462.00 0.00026c (81011224) 365633.66 3766462.00 0.00025c (81011224)
365653.66 3766462.00 0.00024c (81011224) 365673.66 3766462.00 0.00023c (81011224)
365693.66 3766462.00 0.00021c (81011224) 365713.66 3766462.00 0.00019c (810103124)
365733.66 3766462.00 0.00018c (81011224) 365753.66 3766462.00 0.00017c (81011224)
365773.66 3766462.00 0.00016c (81011224) 365793.66 3766462.00 0.00015c (81011224)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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***MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
365813.66 3766462.00 0.00013c (81011224) 365833.66 3766462.00 0.00011c (81011224)
365853.66 3766462.00 0.00010c (81011224) 365873.66 3766462.00 0.00010c (81011224)
365893.66 3766462.00 0.00009c (81103124) 365913.66 3766462.00 0.00009c (81103124)
365933.66 3766462.00 0.00008c (81011224) 365953.66 3766462.00 0.00008c (81011224)
365973.66 3766462.00 0.00008c (81011224) 365993.66 3766462.00 0.00007c (81011224)
366013.66 3766462.00 0.00007c (81011224) 366033.66 3766462.00 0.00006c (81103124)
366053.66 3766462.00 0.00006c (81103124) 366073.66 3766462.00 0.00006c (81103124)
366093.66 3766462.00 0.00006c (81103124) 366113.66 3766462.00 0.00006c (81103124)
366133.66 3766462.00 0.00006c (81103124) 366153.66 3766462.00 0.00006c (81103124)
366173.66 3766462.00 0.00006c (81103124) 366193.66 3766462.00 0.00006c (81103124)
366213.66 3766462.00 0.00006c (81103124) 366233.66 3766462.00 0.00006c (81103124)
366253.66 3766462.00 0.00006c (81103124) 366273.66 3766462.00 0.00005c (81103124)
366293.66 3766462.00 0.00005c (81103124) 366313.66 3766462.00 0.00005c (81103124)
366333.66 3766462.00 0.00005c (81103124) 366353.66 3766462.00 0.00005c (81103124)
366373.66 3766462.00 0.00004c (81103124) 366393.66 3766462.00 0.00004c (81103124)
366413.66 3766462.00 0.00004c (81103124) 366433.66 3766462.00 0.00004c (81103124)
366453.66 3766462.00 0.00004c (81103124) 366473.66 3766462.00 0.00003c (81103124)
366493.66 3766462.00 0.00003c (81103124) 364713.66 3766482.00 0.00002 (81042924)

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364733.66	3766482.00	0.00003	(81042924)	PM25op.POU.txt	364733.66	3766482.00	0.00002	(81042924)
364773.66	3766482.00	0.00003	(81031524)		364793.66	3766482.00	0.00003c	(81112424)
364813.66	3766482.00	0.00003c	(81121724)		364833.66	3766482.00	0.00004c	(81121024)
364853.66	3766482.00	0.00004c	(81121024)		364873.66	3766482.00	0.00003c	(81121024)
364893.66	3766482.00	0.00003c	(81122424)		364913.66	3766482.00	0.00003c	(81122424)
364933.66	3766482.00	0.00003c	(81081524)		364953.66	3766482.00	0.00003c	(81021424)
364973.66	3766482.00	0.00003c	(81021424)		364993.66	3766482.00	0.00003c	(81011924)
365013.66	3766482.00	0.00003c	(81121024)		365033.66	3766482.00	0.00003c	(81121024)
365053.66	3766482.00	0.00003c	(81121024)		365073.66	3766482.00	0.00003c	(81061224)
365093.66	3766482.00	0.00004c	(81061224)		365113.66	3766482.00	0.00004c	(81061224)
365133.66	3766482.00	0.00004c	(81061224)		365153.66	3766482.00	0.00004c	(81061224)
365173.66	3766482.00	0.00004c	(81061224)		365193.66	3766482.00	0.00004c	(81061224)
365213.66	3766482.00	0.00004c	(81030124)		365233.66	3766482.00	0.00004c	(81030124)
365253.66	3766482.00	0.00005c	(81030124)		365273.66	3766482.00	0.00005c	(81030124)
365293.66	3766482.00	0.00006c	(81030124)		365313.66	3766482.00	0.00006c	(81030124)
365333.66	3766482.00	0.00007c	(81030124)		365353.66	3766482.00	0.00009c	(81030124)
365373.66	3766482.00	0.00011c	(81030124)		365393.66	3766482.00	0.00013c	(81030124)
365413.66	3766482.00	0.00018c	(81112724)		365433.66	3766482.00	0.00027c	(81112724)
365453.66	3766482.00	0.00045c	(81041924)		365473.66	3766482.00	0.00032c	(81011924)
365493.66	3766482.00	0.00035c	(81101124)		365513.66	3766482.00	0.00032c	(81030224)
365533.66	3766482.00	0.00030c	(81030224)		365553.66	3766482.00	0.00028c	(81121524)
365573.66	3766482.00	0.00044c	(81011224)		365593.66	3766482.00	0.00047c	(81011224)

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***MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332, L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344, L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365613.66	3766482.00	0.00046c	(81011224)	365633.66	3766482.00	0.00044c	(81011224)
365653.66	3766482.00	0.00041c	(81011224)	365673.66	3766482.00	0.00036c	(81011224)
365693.66	3766482.00	0.00031c	(81011224)	365713.66	3766482.00	0.00027c	(81103124)
365733.66	3766482.00	0.00025c	(81103124)	365753.66	3766482.00	0.00022c	(81103124)
365773.66	3766482.00	0.00020c	(81011224)	365793.66	3766482.00	0.00018c	(81011224)
365813.66	3766482.00	0.00015c	(81011224)	365833.66	3766482.00	0.00013c	(81103124)
365853.66	3766482.00	0.00012c	(81103124)	365873.66	3766482.00	0.00012c	(81103124)
365893.66	3766482.00	0.00011c	(81103124)	365913.66	3766482.00	0.00011c	(81103124)
365933.66	3766482.00	0.00010c	(81103124)	365953.66	3766482.00	0.00009c	(81011224)
365973.66	3766482.00	0.00009c	(81011224)	365993.66	3766482.00	0.00008c	(81011224)
366013.66	3766482.00	0.00007c	(81011224)	366033.66	3766482.00	0.00007c	(81103124)
366053.66	3766482.00	0.00007c	(81103124)	366073.66	3766482.00	0.00007c	(81103124)
366093.66	3766482.00	0.00007c	(81103124)	366113.66	3766482.00	0.00007c	(81103124)
366133.66	3766482.00	0.00007c	(81103124)	366153.66	3766482.00	0.00007c	(81103124)
366173.66	3766482.00	0.00007c	(81103124)	366193.66	3766482.00	0.00007c	(81103124)
366213.66	3766482.00	0.00006c	(81103124)	366233.66	3766482.00	0.00006c	(81103124)
366253.66	3766482.00	0.00006c	(81103124)	366273.66	3766482.00	0.00006c	(81103124)
366293.66	3766482.00	0.00006c	(81103124)	366313.66	3766482.00	0.00005c	(81103124)
366333.66	3766482.00	0.00005c	(81103124)	366353.66	3766482.00	0.00005c	(81103124)
366373.66	3766482.00	0.00005c	(81103124)	366393.66	3766482.00	0.00004c	(81103124)
366413.66	3766482.00	0.00004c	(81103124)	366433.66	3766482.00	0.00004c	(81103124)
366453.66	3766482.00	0.00004c	(81103124)	366473.66	3766482.00	0.00004c	(81103124)
366493.66	3766482.00	0.00003c	(81103124)	364713.66	3766502.00	0.00002	(81042924)
364733.66	3766502.00	0.00002	(81042924)	364753.66	3766502.00	0.00002	(81042924)
364773.66	3766502.00	0.00002	(81031524)	364793.66	3766502.00	0.00003c	(81112424)
364813.66	3766502.00	0.00003c	(81121724)	364833.66	3766502.00	0.00003c	(81121024)
364853.66	3766502.00	0.00003c	(81121024)	364873.66	3766502.00	0.00003c	(81121024)
364893.66	3766502.00	0.00003c	(81122424)	364913.66	3766502.00	0.00003c	(81122424)
364933.66	3766502.00	0.00003c	(81081524)	364953.66	3766502.00	0.00003c	(81021424)
364973.66	3766502.00	0.00003c	(81021424)	364993.66	3766502.00	0.00003c	(81021424)
365013.66	3766502.00	0.00003c	(81121024)	365033.66	3766502.00	0.00003c	(81121024)
365053.66	3766502.00	0.00003c	(81121024)	365073.66	3766502.00	0.00003c	(81061224)
365093.66	3766502.00	0.00003c	(81061224)	365113.66	3766502.00	0.00004c	(81061224)
365133.66	3766502.00	0.00004c	(81061224)	365153.66	3766502.00	0.00004c	(81030124)
365173.66	3766502.00	0.00004c	(81030124)	365193.66	3766502.00	0.00005c	(81030124)
365213.66	3766502.00	0.00005c	(81030124)	365233.66	3766502.00	0.00005c	(81030124)
365253.66	3766502.00	0.00006c	(81030124)	365273.66	3766502.00	0.00006c	(81030124)
365293.66	3766502.00	0.00007c	(81030124)	365313.66	3766502.00	0.00008c	(81030124)
365333.66	3766502.00	0.00008c	(81030124)	365353.66	3766502.00	0.00010c	(81030124)
365373.66	3766502.00	0.00011c	(81030124)	365393.66	3766502.00	0.00012c	(81112724)

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***MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332, L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344, L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365413.66	3766502.00	0.00014c	(81112724)	365433.66	3766502.00	0.00017c	(81112724)
365453.66	3766502.00	0.00023c	(81041924)	365473.66	3766502.00	0.00032c	(81041924)
365493.66	3766502.00	0.00037c	(81041924)	365513.66	3766502.00	0.00038c	(81041924)
365533.66	3766502.00	0.00037c	(81112724)	365553.66	3766502.00	0.00044c	(81112724)
365573.66	3766502.00	0.00035c	(81030224)	365593.66	3766502.00	0.00041c	(81030224)
365613.66	3766502.00	0.00037c	(81112524)	365633.66	3766502.00	0.00046c	(81011224)
365653.66	3766502.00	0.00072c	(81011224)	365673.66	3766502.00	0.00064c	(81011224)
365693.66	3766502.00	0.00052c	(81011224)	365713.66	3766502.00	0.00044c	(81103124)
365733.66	3766502.00	0.00038c	(81103124)	365753.66	3766502.00	0.00032c	(81103124)
365773.66	3766502.00	0.00026c	(81011224)	365793.66	3766502.00	0.00021c	(81011224)
365813.66	3766502.00	0.00018c	(81103124)	365833.66	3766502.00	0.00017c	(81103124)
365853.66	3766502.00	0.00015c	(81103124)	365873.66	3766502.00	0.00014c	(81103124)
365893.66	3766502.00	0.00014c	(81103124)	365913.66	3766502.00	0.00013c	(81103124)
365933.66	3766502.00	0.00012c	(81103124)	365953.66	3766502.00	0.00011c	(81011224)
365973.66	3766502.00	0.00010c	(81011224)	365993.66	3766502.00	0.00009c	(81011224)
366013.66	3766502.00	0.00008c	(81103124)	366033.66	3766502.00	0.00008c	(81103124)
366053.66	3766502.00	0.00008c	(81103124)	366073.66	3766502.00	0.00008c	(81103124)
366093.66	3766502.00	0.00008c	(81103124)	366113.66	3766502.00	0.00008c	(81103124)
366133.66	3766502.00	0.00008c	(81103124)	366153.66	3766502.00	0.00008c	(81103124)
366173.66	3766502.00	0.00008c	(81103124)	366193.66	3766502.00	0.00007c	(81103124)
366213.66	3766502.00	0.00007c	(81103124)	366233.66	3766502.00	0.00007c	(81103124)
366253.66	3766502.00	0.00007c	(81103124)	366273.66	3766502.00	0.00006c	(81103124)
366293.66	3766502.00	0.00006c	(81103124)	366313.66	3766502.00	0.00006c	(81103124)
366333.66	3766502.00	0.00006c	(81103124)	366353.66	3766502.00	0.00005c	(81103024)

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366373.66 3766502.00 0.00005c (81103024) PM25op.POU.txt 366393.66 3766502.00 0.00005c (81103124)
366413.66 3766502.00 0.00004c (81103124) 366433.66 3766502.00 0.00004c (81103124)
366453.66 3766502.00 0.00004c (81103124) 366473.66 3766502.00 0.00004c (81103124)
366493.66 3766502.00 0.00004c (81110224) 364713.66 3766522.00 0.00002 (81042924)
364733.66 3766522.00 0.00002 (81042924) 364753.66 3766522.00 0.00002 (81031524)
364773.66 3766522.00 0.00002 (81031524) 364793.66 3766522.00 0.00002c (81112424)
364813.66 3766522.00 0.00003c (81121024) 364833.66 3766522.00 0.00003c (81121024)
364853.66 3766522.00 0.00003c (81121024) 364873.66 3766522.00 0.00003c (81121024)
364893.66 3766522.00 0.00002c (81122424) 364913.66 3766522.00 0.00002c (81122424)
364933.66 3766522.00 0.00002c (81081524) 364953.66 3766522.00 0.00002c (81021424)
364973.66 3766522.00 0.00003c (81021424) 364993.66 3766522.00 0.00003c (81021424)
365013.66 3766522.00 0.00003c (81030124) 365033.66 3766522.00 0.00003c (81030124)
365053.66 3766522.00 0.00003c (81030124) 365073.66 3766522.00 0.00003c (81030124)
365093.66 3766522.00 0.00003c (81030124) 365113.66 3766522.00 0.00004c (81030124)
365133.66 3766522.00 0.00004c (81030124) 365153.66 3766522.00 0.00004c (81030124)
365173.66 3766522.00 0.00005c (81030124) 365193.66 3766522.00 0.00005c (81030124)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
 L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
 L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365213.66	3766522.00	0.00005c	(81030124)	365233.66	3766522.00	0.00006c	(81030124)
365253.66	3766522.00	0.00006c	(81030124)	365273.66	3766522.00	0.00007c	(81030124)
365293.66	3766522.00	0.00007c	(81030124)	365313.66	3766522.00	0.00008c	(81030124)
365333.66	3766522.00	0.00008c	(81030124)	365353.66	3766522.00	0.00009c	(81030124)
365373.66	3766522.00	0.00010c	(81030124)	365393.66	3766522.00	0.00010c	(81030124)
365413.66	3766522.00	0.00012c	(81030124)	365433.66	3766522.00	0.00013c	(81041924)
365453.66	3766522.00	0.00016c	(81041924)	365473.66	3766522.00	0.00020c	(81041924)
365493.66	3766522.00	0.00023c	(81041924)	365513.66	3766522.00	0.00027c	(81041924)
365533.66	3766522.00	0.00033c	(81041924)	365553.66	3766522.00	0.00042c	(81041924)
365573.66	3766522.00	0.00055c	(81041924)	365593.66	3766522.00	0.00048c	(81030124)
365613.66	3766522.00	0.00050c	(81112724)	365633.66	3766522.00	0.00053c	(81112724)
365653.66	3766522.00	0.00053c	(81030224)	365673.66	3766522.00	0.00048c	(81030224)
365693.66	3766522.00	0.00053c	(81112524)	365713.66	3766522.00	0.00054c	(81011224)
365733.66	3766522.00	0.00067c	(81103124)	365753.66	3766522.00	0.00052c	(81103124)
365773.66	3766522.00	0.00037c	(81103124)	365793.66	3766522.00	0.00030c	(81103124)
365813.66	3766522.00	0.00025c	(81103124)	365833.66	3766522.00	0.00022c	(81103124)
365853.66	3766522.00	0.00020c	(81103124)	365873.66	3766522.00	0.00019c	(81103124)
365893.66	3766522.00	0.00018c	(81103124)	365913.66	3766522.00	0.00016c	(81103124)
365933.66	3766522.00	0.00014c	(81011224)	365953.66	3766522.00	0.00013c	(81011224)
365973.66	3766522.00	0.00012c	(81011224)	365993.66	3766522.00	0.00010c	(81011224)
366013.66	3766522.00	0.00010c	(81103124)	366033.66	3766522.00	0.00010c	(81103124)
366053.66	3766522.00	0.00010c	(81103124)	366073.66	3766522.00	0.00010c	(81103124)
366093.66	3766522.00	0.00010c	(81103124)	366113.66	3766522.00	0.00009c	(81103124)
366133.66	3766522.00	0.00009c	(81103124)	366153.66	3766522.00	0.00009c	(81103124)
366173.66	3766522.00	0.00008c	(81103124)	366193.66	3766522.00	0.00008c	(81103124)
366213.66	3766522.00	0.00008c	(81103124)	366233.66	3766522.00	0.00008c	(81103124)
366253.66	3766522.00	0.00007c	(81103124)	366273.66	3766522.00	0.00007c	(81103124)
366293.66	3766522.00	0.00007c	(81103124)	366313.66	3766522.00	0.00006c	(81103124)
366333.66	3766522.00	0.00006c	(81103024)	366353.66	3766522.00	0.00006c	(81103024)
366373.66	3766522.00	0.00005c	(81103024)	366393.66	3766522.00	0.00005c	(81103124)
366413.66	3766522.00	0.00005c	(81103124)	366433.66	3766522.00	0.00004c	(81103124)
366453.66	3766522.00	0.00004c	(81103124)	366473.66	3766522.00	0.00004c	(81103124)
366493.66	3766522.00	0.00004c	(81110224)	364713.66	3766542.00	0.00002	(81042924)
364733.66	3766542.00	0.00002	(81042924)	364753.66	3766542.00	0.00002	(81031524)
364773.66	3766542.00	0.00002c	(81112424)	364793.66	3766542.00	0.00002c	(81121724)
364813.66	3766542.00	0.00003c	(81121024)	364833.66	3766542.00	0.00003c	(81121024)
364853.66	3766542.00	0.00003c	(81121024)	364873.66	3766542.00	0.00002c	(81121024)
364893.66	3766542.00	0.00002c	(81030124)	364913.66	3766542.00	0.00002c	(81030124)
364933.66	3766542.00	0.00002c	(81030124)	364953.66	3766542.00	0.00002c	(81030124)
364973.66	3766542.00	0.00002c	(81030124)	364993.66	3766542.00	0.00003c	(81030124)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
 L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
 L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365013.66	3766542.00	0.00003c	(81030124)	365033.66	3766542.00	0.00003c	(81030124)
365053.66	3766542.00	0.00003c	(81030124)	365073.66	3766542.00	0.00003c	(81030124)
365093.66	3766542.00	0.00004c	(81030124)	365113.66	3766542.00	0.00004c	(81030124)
365133.66	3766542.00	0.00004c	(81030124)	365153.66	3766542.00	0.00004c	(81030124)
365173.66	3766542.00	0.00005c	(81030124)	365193.66	3766542.00	0.00005c	(81030124)
365213.66	3766542.00	0.00005c	(81030124)	365233.66	3766542.00	0.00006c	(81030124)
365253.66	3766542.00	0.00006c	(81030124)	365273.66	3766542.00	0.00006c	(81030124)
365293.66	3766542.00	0.00007c	(81030124)	365313.66	3766542.00	0.00007c	(81030124)
365333.66	3766542.00	0.00008c	(81030124)	365353.66	3766542.00	0.00008c	(81030124)
365373.66	3766542.00	0.00009c	(81030124)	365393.66	3766542.00	0.00009c	(81030124)
365413.66	3766542.00	0.00010c	(81030124)	365433.66	3766542.00	0.00011c	(81030124)
365453.66	3766542.00	0.00013c	(81041924)	365473.66	3766542.00	0.00015c	(81041924)
365493.66	3766542.00	0.00018c	(81041924)	365513.66	3766542.00	0.00020c	(81041924)
365533.66	3766542.00	0.00023c	(81041924)	365553.66	3766542.00	0.00028c	(81123124)
365573.66	3766542.00	0.00035c	(81123124)	365593.66	3766542.00	0.00044c	(81123124)
365613.66	3766542.00	0.00055c	(81123124)	365633.66	3766542.00	0.00066c	(81123124)
365653.66	3766542.00	0.00068c	(81041924)	365673.66	3766542.00	0.00069c	(81101124)
365693.66	3766542.00	0.00067c	(81101124)	365713.66	3766542.00	0.00062c	(81121024)
365733.66	3766542.00	0.00055c	(81121924)	365753.66	3766542.00	0.00049c	(81122524)
365773.66	3766542.00	0.00045c	(81112524)	365793.66	3766542.00	0.00038c	(81112524)
365813.66	3766542.00	0.00037c	(81103124)	365833.66	3766542.00	0.00032c	(81011224)
365853.66	3766542.00	0.00030c	(81011224)	365873.66	3766542.00	0.00028c	(81103124)
365893.66	3766542.00	0.00025c	(81103124)	365913.66	3766542.00	0.00021c	(81103024)
365933.66	3766542.00	0.00019c	(81011224)	365953.66	3766542.00	0.00016c	(81011224)
365973.66	3766542.00	0.00014c	(81011224)	365993.66	3766542.00	0.00012c	(81011224)
366013.66	3766542.00	0.00012c	(81103124)	366033.66	3766542.00	0.00012c	(81103124)
366053.66	3766542.00	0.00012c	(81103124)	366073.66	3766542.00	0.00012c	(81103124)
366093.66	3766542.00	0.00011c	(81103124)	366113.66	3766542.00	0.00011c	(81103124)
366133.66	3766542.00	0.00010c	(81103124)	366153.66	3766542.00	0.00010c	(81103124)
366173.66	3766542.00	0.00010c	(81103124)	366193.66	3766542.00	0.00009c	(81103124)

366213.66 3766542.00 0.00009c (81103124) PM25op.POU.txt 366233.66 3766542.00 0.00009c (81103124)
366253.66 3766542.00 0.00008c (81103124) 366273.66 3766542.00 0.00008c (81103124)
366293.66 3766542.00 0.00008c (81103124) 366313.66 3766542.00 0.00007c (81103124)
366333.66 3766542.00 0.00007c (81103024) 366353.66 3766542.00 0.00006c (81103024)
366373.66 3766542.00 0.00006c (81103024) 366393.66 3766542.00 0.00005c (81103124)
366413.66 3766542.00 0.00005c (81103124) 366433.66 3766542.00 0.00005c (81103124)
366453.66 3766542.00 0.00004c (81103124) 366473.66 3766542.00 0.00004c (81103124)
366493.66 3766542.00 0.00004c (8110224) 364713.66 3766562.00 0.00002 (81042924)
364733.66 3766562.00 0.00002c (81041924) 364753.66 3766562.00 0.00002 (81031524)
364773.66 3766562.00 0.00002c (8112424) 364793.66 3766562.00 0.00002c (81121024)
1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\Expo\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
364813.66 3766562.00 0.00002c (81121024) 364833.66 3766562.00 0.00002c (81121024)
364853.66 3766562.00 0.00002c (81121024) 364873.66 3766562.00 0.00002c (81121024)
364893.66 3766562.00 0.00002c (81030124) 364913.66 3766562.00 0.00002c (81030124)
364933.66 3766562.00 0.00002c (81030124) 364953.66 3766562.00 0.00003c (81030124)
364973.66 3766562.00 0.00003c (81030124) 364993.66 3766562.00 0.00003c (81030124)
365013.66 3766562.00 0.00003c (81030124) 365033.66 3766562.00 0.00003c (81030124)
365053.66 3766562.00 0.00003c (81030124) 365073.66 3766562.00 0.00003c (81030124)
365093.66 3766562.00 0.00004c (81030124) 365113.66 3766562.00 0.00004c (81030124)
365133.66 3766562.00 0.00004c (81030124) 365153.66 3766562.00 0.00004c (81030124)
365173.66 3766562.00 0.00005c (81030124) 365193.66 3766562.00 0.00005c (81030124)
365213.66 3766562.00 0.00005c (81030124) 365233.66 3766562.00 0.00005c (81030124)
365253.66 3766562.00 0.00006c (81030124) 365273.66 3766562.00 0.00006c (81030124)
365293.66 3766562.00 0.00006c (81030124) 365313.66 3766562.00 0.00007c (81030124)
365333.66 3766562.00 0.00007c (81030124) 365353.66 3766562.00 0.00007c (81030124)
365373.66 3766562.00 0.00008c (81030124) 365393.66 3766562.00 0.00008c (81030124)
365413.66 3766562.00 0.00009c (81030124) 365433.66 3766562.00 0.00010c (81123124)
365453.66 3766562.00 0.00011c (81123124) 365473.66 3766562.00 0.00013c (81123124)
365493.66 3766562.00 0.00014c (81041924) 365513.66 3766562.00 0.00016c (81123124)
365533.66 3766562.00 0.00018c (81123124) 365553.66 3766562.00 0.00021c (81123124)
365573.66 3766562.00 0.00024c (81123124) 365593.66 3766562.00 0.00029c (81123124)
365613.66 3766562.00 0.00033c (81123124) 365633.66 3766562.00 0.00038c (81123124)
365653.66 3766562.00 0.00043c (81123124) 365673.66 3766562.00 0.00050c (81123124)
365693.66 3766562.00 0.00059c (81123124) 365713.66 3766562.00 0.00066c (81082524)
365733.66 3766562.00 0.00065c (81081024) 365753.66 3766562.00 0.00064c (81051424)
365773.66 3766562.00 0.00048c (81121024) 365793.66 3766562.00 0.00042c (81121024)
365813.66 3766562.00 0.00038c (81121924) 365833.66 3766562.00 0.00035c (81112524)
365853.66 3766562.00 0.00042c (81112524) 365873.66 3766562.00 0.00031c (81112524)
365893.66 3766562.00 0.00043c (81011224) 365913.66 3766562.00 0.00041c (81103024)
365933.66 3766562.00 0.00024c (81110224) 365953.66 3766562.00 0.00020c (81103124)
365973.66 3766562.00 0.00018c (81011224) 365993.66 3766562.00 0.00016c (81011224)
366013.66 3766562.00 0.00015c (81011224) 366033.66 3766562.00 0.00015c (81103124)
366053.66 3766562.00 0.00015c (81103124) 366073.66 3766562.00 0.00014c (81103124)
366093.66 3766562.00 0.00014c (81103124) 366113.66 3766562.00 0.00013c (81103124)
366133.66 3766562.00 0.00012c (81103124) 366153.66 3766562.00 0.00012c (81103124)
366173.66 3766562.00 0.00011c (81103124) 366193.66 3766562.00 0.00011c (81103124)
366213.66 3766562.00 0.00010c (81103124) 366233.66 3766562.00 0.00010c (81103124)
366253.66 3766562.00 0.00010c (81103124) 366273.66 3766562.00 0.00009c (81103124)
366293.66 3766562.00 0.00009c (81103124) 366313.66 3766562.00 0.00008c (81103124)
366333.66 3766562.00 0.00008c (81103024) 366353.66 3766562.00 0.00007c (81103024)
366373.66 3766562.00 0.00006c (81103024) 366393.66 3766562.00 0.00006c (81103124)
1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\Expo\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
366413.66 3766562.00 0.00005c (81103124) 366433.66 3766562.00 0.00005c (81103124)
366453.66 3766562.00 0.00005c (81103124) 366473.66 3766562.00 0.00005c (81103124)
366493.66 3766562.00 0.00004c (81110224) 364713.66 3766582.00 0.00002c (81030124)
364733.66 3766582.00 0.00002c (81030124) 364753.66 3766582.00 0.00002c (81030124)
364773.66 3766582.00 0.00002c (81030124) 364793.66 3766582.00 0.00002c (81121024)
364813.66 3766582.00 0.00002c (81121024) 364833.66 3766582.00 0.00002c (81121024)
364853.66 3766582.00 0.00002c (81121024) 364873.66 3766582.00 0.00002c (81030124)
364893.66 3766582.00 0.00002c (81030124) 364913.66 3766582.00 0.00002c (81030124)
364933.66 3766582.00 0.00002c (81030124) 364953.66 3766582.00 0.00003c (81030124)
364973.66 3766582.00 0.00003c (81030124) 364993.66 3766582.00 0.00003c (81030124)
365013.66 3766582.00 0.00003c (81030124) 365033.66 3766582.00 0.00003c (81030124)
365053.66 3766582.00 0.00003c (81030124) 365073.66 3766582.00 0.00003c (81030124)
365093.66 3766582.00 0.00004c (81030124) 365113.66 3766582.00 0.00004c (81030124)
365133.66 3766582.00 0.00004c (81030124) 365153.66 3766582.00 0.00004c (81030124)
365173.66 3766582.00 0.00004c (81030124) 365193.66 3766582.00 0.00005c (81030124)
365213.66 3766582.00 0.00005c (81030124) 365233.66 3766582.00 0.00005c (81030124)
365253.66 3766582.00 0.00005c (81030124) 365273.66 3766582.00 0.00006c (81030124)
365293.66 3766582.00 0.00006c (81030124) 365313.66 3766582.00 0.00006c (81030124)
365333.66 3766582.00 0.00006c (81030124) 365353.66 3766582.00 0.00007c (81030124)
365373.66 3766582.00 0.00007c (81030124) 365393.66 3766582.00 0.00007c (81123124)
365413.66 3766582.00 0.00008c (81123124) 365433.66 3766582.00 0.00009c (81123124)
365453.66 3766582.00 0.00010c (81123124) 365473.66 3766582.00 0.00011c (81123124)
365493.66 3766582.00 0.00012c (81123124) 365513.66 3766582.00 0.00013c (81123124)
365533.66 3766582.00 0.00014c (81123124) 365553.66 3766582.00 0.00016c (81123124)
365573.66 3766582.00 0.00018c (81123124) 365593.66 3766582.00 0.00020c (81123124)
365613.66 3766582.00 0.00022c (81123124) 365633.66 3766582.00 0.00024c (81123124)
365653.66 3766582.00 0.00027c (81021424) 365673.66 3766582.00 0.00029c (81021424)
365693.66 3766582.00 0.00032c (81021424) 365713.66 3766582.00 0.00035c (81082524)
365733.66 3766582.00 0.00039c (81050224) 365753.66 3766582.00 0.00044c (81050224)
365773.66 3766582.00 0.00043c (81081024) 365793.66 3766582.00 0.00044c (81121024)
365813.66 3766582.00 0.00043c (81101124) 365833.66 3766582.00 0.00048c (81030124)
365853.66 3766582.00 0.00043c (81121024) 365873.66 3766582.00 0.00044c (81121024)
365893.66 3766582.00 0.00068c (81112724) 365913.66 3766582.00 0.00074 (81032624)
365933.66 3766582.00 0.00035c (81112524) 365953.66 3766582.00 0.00029c (81121924)
365973.66 3766582.00 0.00027c (81011224) 365993.66 3766582.00 0.00025c (81011224)
366013.66 3766582.00 0.00023c (81011224) 366033.66 3766582.00 0.00022c (81011224)
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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365413.66	3766662.00	0.00005c	(81123124)	365433.66	3766662.00	0.00006c	(81123124)
365453.66	3766662.00	0.00006c	(81123124)	365473.66	3766662.00	0.00006c	(81123124)
365493.66	3766662.00	0.00007c	(81123124)	365513.66	3766662.00	0.00007c	(81123124)
365533.66	3766662.00	0.00007c	(81123124)	365553.66	3766662.00	0.00008c	(81123124)
365573.66	3766662.00	0.00008c	(81123124)	365593.66	3766662.00	0.00008c	(81123124)
365613.66	3766662.00	0.00009c	(81123124)	365633.66	3766662.00	0.00009c	(81021424)
365653.66	3766662.00	0.00010c	(81021424)	365673.66	3766662.00	0.00010c	(81021424)
365693.66	3766662.00	0.00011c	(81021424)	365713.66	3766662.00	0.00011c	(81021424)
365733.66	3766662.00	0.00011c	(81021424)	365753.66	3766662.00	0.00011c	(81021424)
365773.66	3766662.00	0.00012c	(81050224)	365793.66	3766662.00	0.00012c	(81050224)
365813.66	3766662.00	0.00012c	(81050224)	365833.66	3766662.00	0.00012c	(81050224)
365853.66	3766662.00	0.00012c	(81082724)	365873.66	3766662.00	0.00012c	(81102724)
365893.66	3766662.00	0.00013c	(81123124)	365913.66	3766662.00	0.00014c	(81123124)
365933.66	3766662.00	0.00015c	(81123124)	365953.66	3766662.00	0.00016c	(81123124)
365973.66	3766662.00	0.00019c	(81123124)	365993.66	3766662.00	0.00022c	(81123124)
366013.66	3766662.00	0.00026c	(81123124)	366033.66	3766662.00	0.00030c	(81123124)
366053.66	3766662.00	0.00035c	(81123124)	366073.66	3766662.00	0.00042c	(81123124)
366093.66	3766662.00	0.00048c	(81123124)	366113.66	3766662.00	0.00044c	(81121024)
366133.66	3766662.00	0.00039c	(81092824)	366153.66	3766662.00	0.00040c	(81121024)
366173.66	3766662.00	0.00039c	(81121924)	366193.66	3766662.00	0.00034c	(81121924)
366213.66	3766662.00	0.00043c	(81112524)	366233.66	3766662.00	0.00041c	(81112524)
366253.66	3766662.00	0.00045c	(81103124)	366273.66	3766662.00	0.00042c	(81103124)
366293.66	3766662.00	0.00036c	(81103124)	366313.66	3766662.00	0.00028c	(81103124)
366333.66	3766662.00	0.00021c	(81103124)	366353.66	3766662.00	0.00017c	(81103124)
366373.66	3766662.00	0.00015c	(81103124)	366393.66	3766662.00	0.00013c	(81103124)
366413.66	3766662.00	0.00012c	(81103124)	366433.66	3766662.00	0.00011c	(81103124)
366453.66	3766662.00	0.00010c	(81103124)	366473.66	3766662.00	0.00009c	(81103124)
366493.66	3766662.00	0.00008c	(81103124)	366493.66	3766682.00	0.00002c	(81030124)
366473.66	3766682.00	0.00002c	(81030124)	366473.66	3766682.00	0.00002c	(81030124)
3664773.66	3766682.00	0.00002c	(81030124)	3664793.66	3766682.00	0.00002c	(81030124)
3664813.66	3766682.00	0.00002c	(81030124)	3664833.66	3766682.00	0.00002c	(81030124)
3664853.66	3766682.00	0.00002c	(81030124)	3664873.66	3766682.00	0.00002c	(81030124)
3664893.66	3766682.00	0.00002c	(81030124)	3664913.66	3766682.00	0.00002c	(81030124)
3664933.66	3766682.00	0.00002c	(81030124)	3664953.66	3766682.00	0.00002c	(81030124)
3664973.66	3766682.00	0.00002c	(81030124)	3664993.66	3766682.00	0.00002c	(81030124)
365013.66	3766682.00	0.00002c	(81030124)	365033.66	3766682.00	0.00002c	(81030124)
365053.66	3766682.00	0.00002c	(81030124)	365073.66	3766682.00	0.00002c	(81030124)
365093.66	3766682.00	0.00002c	(81030124)	365113.66	3766682.00	0.00002c	(81030124)
365133.66	3766682.00	0.00003c	(81030124)	365153.66	3766682.00	0.00003c	(81030124)
365173.66	3766682.00	0.00003c	(81123124)	365193.66	3766682.00	0.00003c	(81123124)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332, L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344, L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365213.66	3766682.00	0.00003c	(81123124)	365233.66	3766682.00	0.00003c	(81123124)
365253.66	3766682.00	0.00003c	(81123124)	365273.66	3766682.00	0.00003c	(81123124)
365293.66	3766682.00	0.00004c	(81123124)	365313.66	3766682.00	0.00004c	(81123124)
365333.66	3766682.00	0.00004c	(81123124)	365353.66	3766682.00	0.00004c	(81123124)
365373.66	3766682.00	0.00004c	(81123124)	365393.66	3766682.00	0.00005c	(81123124)
365413.66	3766682.00	0.00005c	(81123124)	365433.66	3766682.00	0.00005c	(81123124)
365453.66	3766682.00	0.00005c	(81123124)	365473.66	3766682.00	0.00006c	(81123124)
365493.66	3766682.00	0.00006c	(81123124)	365513.66	3766682.00	0.00006c	(81123124)
365533.66	3766682.00	0.00006c	(81123124)	365553.66	3766682.00	0.00007c	(81123124)
365573.66	3766682.00	0.00007c	(81123124)	365593.66	3766682.00	0.00007c	(81123124)
365613.66	3766682.00	0.00007c	(81021424)	365633.66	3766682.00	0.00008c	(81021424)
365653.66	3766682.00	0.00008c	(81021424)	365673.66	3766682.00	0.00009c	(81021424)
365693.66	3766682.00	0.00009c	(81021424)	365713.66	3766682.00	0.00009c	(81021424)
365733.66	3766682.00	0.00009c	(81021424)	365753.66	3766682.00	0.00009c	(81021424)
365773.66	3766682.00	0.00009c	(81050224)	365793.66	3766682.00	0.00010c	(81050224)
365813.66	3766682.00	0.00010c	(81050224)	365833.66	3766682.00	0.00010c	(81050224)
365853.66	3766682.00	0.00010c	(81123124)	365873.66	3766682.00	0.00011c	(81123124)
365893.66	3766682.00	0.00011c	(81123124)	365913.66	3766682.00	0.00012c	(81123124)
365933.66	3766682.00	0.00012c	(81123124)	365953.66	3766682.00	0.00013c	(81123124)
365973.66	3766682.00	0.00015c	(81123124)	365993.66	3766682.00	0.00017c	(81123124)
366013.66	3766682.00	0.00018c	(81123124)	366033.66	3766682.00	0.00020c	(81123124)
366053.66	3766682.00	0.00022c	(81123124)	366073.66	3766682.00	0.00025c	(81123124)
366093.66	3766682.00	0.00028c	(81123124)	366113.66	3766682.00	0.00032c	(81123124)
366133.66	3766682.00	0.00037c	(81123124)	366153.66	3766682.00	0.00043c	(81123124)
366173.66	3766682.00	0.00048c	(81041924)	366193.66	3766682.00	0.00045c	(81022424)
366213.66	3766682.00	0.00044c	(81101124)	366233.66	3766682.00	0.00045c	(81121024)
366253.66	3766682.00	0.00043c	(81121024)	366273.66	3766682.00	0.00038c	(81121924)
366293.66	3766682.00	0.00032c	(81121924)	366313.66	3766682.00	0.00032c	(81112524)
366333.66	3766682.00	0.00031c	(81103124)	366353.66	3766682.00	0.00025c	(81103124)
366373.66	3766682.00	0.00021c	(81103124)	366393.66	3766682.00	0.00018c	(81103124)
366413.66	3766682.00	0.00015c	(81103124)	366433.66	3766682.00	0.00013c	(81103124)
366453.66	3766682.00	0.00012c	(81103124)	366473.66	3766682.00	0.00011c	(81103124)
366493.66	3766682.00	0.00010c	(81103024)	364713.66	3766702.00	0.00002c	(81030124)
364733.66	3766702.00	0.00002c	(81030124)	364753.66	3766702.00	0.00002c	(81030124)
364773.66	3766702.00	0.00002c	(81030124)	364793.66	3766702.00	0.00002c	(81030124)
364813.66	3766702.00	0.00002c	(81030124)	364833.66	3766702.00	0.00002c	(81123124)
364853.66	3766702.00	0.00002c	(81123124)	364873.66	3766702.00	0.00002c	(81030124)
364893.66	3766702.00	0.00002c	(81030124)	364913.66	3766702.00	0.00002c	(81030124)
364933.66	3766702.00	0.00002c	(81030124)	364953.66	3766702.00	0.00002c	(81030124)
364973.66	3766702.00	0.00002c	(81041924)	364993.66	3766702.00	0.00002c	(81041924)

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332, L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344, L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

				PM25op.POU.txt			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365013.66	3766702.00	0.00002c	(81030124)	365033.66	3766702.00	0.00002c	(81030124)
365053.66	3766702.00	0.00002c	(81030124)	365073.66	3766702.00	0.00002c	(81030124)
365093.66	3766702.00	0.00002c	(81123124)	365113.66	3766702.00	0.00002c	(81123124)
365133.66	3766702.00	0.00002c	(81123124)	365153.66	3766702.00	0.00002c	(81123124)
365173.66	3766702.00	0.00003c	(81123124)	365193.66	3766702.00	0.00003c	(81123124)
365213.66	3766702.00	0.00003c	(81123124)	365233.66	3766702.00	0.00003c	(81123124)
365253.66	3766702.00	0.00003c	(81123124)	365273.66	3766702.00	0.00003c	(81123124)
365293.66	3766702.00	0.00003c	(81123124)	365313.66	3766702.00	0.00004c	(81123124)
365333.66	3766702.00	0.00004c	(81123124)	365353.66	3766702.00	0.00004c	(81123124)
365373.66	3766702.00	0.00004c	(81123124)	365393.66	3766702.00	0.00004c	(81123124)
365413.66	3766702.00	0.00004c	(81123124)	365433.66	3766702.00	0.00005c	(81123124)
365453.66	3766702.00	0.00005c	(81123124)	365473.66	3766702.00	0.00005c	(81123124)
365493.66	3766702.00	0.00006c	(81123124)	365513.66	3766702.00	0.00006c	(81123124)
365533.66	3766702.00	0.00006c	(81123124)	365553.66	3766702.00	0.00006c	(81123124)
365573.66	3766702.00	0.00006c	(81123124)	365593.66	3766702.00	0.00006c	(81123124)
365613.66	3766702.00	0.00006c	(81021424)	365633.66	3766702.00	0.00007c	(81021424)
365653.66	3766702.00	0.00007c	(81021424)	365673.66	3766702.00	0.00008c	(81021424)
365693.66	3766702.00	0.00008c	(81021424)	365713.66	3766702.00	0.00008c	(81021424)
365733.66	3766702.00	0.00008c	(81021424)	365753.66	3766702.00	0.00008c	(81021424)
365773.66	3766702.00	0.00008c	(81021424)	365793.66	3766702.00	0.00008c	(81050224)
365813.66	3766702.00	0.00009c	(81050224)	365833.66	3766702.00	0.00009c	(81050224)
365853.66	3766702.00	0.00009c	(81123124)	365873.66	3766702.00	0.00009c	(81123124)
365893.66	3766702.00	0.00010c	(81123124)	365913.66	3766702.00	0.00010c	(81123124)
365933.66	3766702.00	0.00011c	(81123124)	365953.66	3766702.00	0.00011c	(81123124)
365973.66	3766702.00	0.00012c	(81123124)	365993.66	3766702.00	0.00013c	(81123124)
366013.66	3766702.00	0.00014c	(81123124)	366033.66	3766702.00	0.00015c	(81123124)
366053.66	3766702.00	0.00016c	(81123124)	366073.66	3766702.00	0.00018c	(81123124)
366093.66	3766702.00	0.00019c	(81123124)	366113.66	3766702.00	0.00021c	(81123124)
366133.66	3766702.00	0.00023c	(81123124)	366153.66	3766702.00	0.00026c	(81123124)
366173.66	3766702.00	0.00029c	(81123124)	366193.66	3766702.00	0.00033c	(81123124)
366213.66	3766702.00	0.00038c	(81123124)	366233.66	3766702.00	0.00043c	(81123124)
366253.66	3766702.00	0.00048c	(81082524)	366273.66	3766702.00	0.00049c	(81081024)
366293.66	3766702.00	0.00041c	(81101124)	366313.66	3766702.00	0.00040c	(81121024)
366333.66	3766702.00	0.00036c	(81121024)	366353.66	3766702.00	0.00030c	(81121924)
366373.66	3766702.00	0.00025c	(81121924)	366393.66	3766702.00	0.00021c	(81121524)
366413.66	3766702.00	0.00021c	(81103124)	366433.66	3766702.00	0.00021c	(81103124)
366453.66	3766702.00	0.00018c	(81103124)	366473.66	3766702.00	0.00017c	(81103124)
366493.66	3766702.00	0.00014c	(81103024)	364713.66	3766722.00	0.00002c	(81030124)
364733.66	3766722.00	0.00002c	(81030124)	364753.66	3766722.00	0.00002c	(81030124)
364773.66	3766722.00	0.00002c	(81030124)	364793.66	3766722.00	0.00002c	(81123124)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332, L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344, L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364813.66	3766722.00	0.00002c	(81123124)	364833.66	3766722.00	0.00002c	(81123124)
364853.66	3766722.00	0.00002c	(81123124)	364873.66	3766722.00	0.00002c	(81123124)
364893.66	3766722.00	0.00002c	(81123124)	364913.66	3766722.00	0.00002c	(81123124)
364933.66	3766722.00	0.00002c	(81123124)	364953.66	3766722.00	0.00002c	(81041924)
364973.66	3766722.00	0.00002c	(81041924)	364993.66	3766722.00	0.00002c	(81041924)
365013.66	3766722.00	0.00002c	(81041924)	365033.66	3766722.00	0.00002c	(81123124)
365053.66	3766722.00	0.00002c	(81123124)	365073.66	3766722.00	0.00002c	(81123124)
365093.66	3766722.00	0.00002c	(81123124)	365113.66	3766722.00	0.00002c	(81123124)
365133.66	3766722.00	0.00002c	(81123124)	365153.66	3766722.00	0.00002c	(81123124)
365173.66	3766722.00	0.00002c	(81123124)	365193.66	3766722.00	0.00003c	(81123124)
365213.66	3766722.00	0.00003c	(81123124)	365233.66	3766722.00	0.00003c	(81123124)
365253.66	3766722.00	0.00003c	(81123124)	365273.66	3766722.00	0.00003c	(81123124)
365293.66	3766722.00	0.00003c	(81123124)	365313.66	3766722.00	0.00003c	(81123124)
365333.66	3766722.00	0.00003c	(81123124)	365353.66	3766722.00	0.00004c	(81123124)
365373.66	3766722.00	0.00004c	(81123124)	365393.66	3766722.00	0.00004c	(81123124)
365413.66	3766722.00	0.00004c	(81123124)	365433.66	3766722.00	0.00004c	(81123124)
365453.66	3766722.00	0.00005c	(81123124)	365473.66	3766722.00	0.00005c	(81123124)
365493.66	3766722.00	0.00005c	(81123124)	365513.66	3766722.00	0.00005c	(81123124)
365533.66	3766722.00	0.00005c	(81123124)	365553.66	3766722.00	0.00005c	(81123124)
365573.66	3766722.00	0.00005c	(81123124)	365593.66	3766722.00	0.00006c	(81123124)
365613.66	3766722.00	0.00006c	(81021424)	365633.66	3766722.00	0.00006c	(81021424)
365653.66	3766722.00	0.00006c	(81021424)	365673.66	3766722.00	0.00007c	(81021424)
365693.66	3766722.00	0.00007c	(81021424)	365713.66	3766722.00	0.00007c	(81021424)
365733.66	3766722.00	0.00007c	(81021424)	365753.66	3766722.00	0.00007c	(81021424)
365773.66	3766722.00	0.00007c	(81021424)	365793.66	3766722.00	0.00007c	(81021424)
365813.66	3766722.00	0.00007c	(81050224)	365833.66	3766722.00	0.00008c	(81050224)
365853.66	3766722.00	0.00008c	(81123124)	365873.66	3766722.00	0.00008c	(81123124)
365893.66	3766722.00	0.00009c	(81123124)	365913.66	3766722.00	0.00009c	(81123124)
365933.66	3766722.00	0.00009c	(81123124)	365953.66	3766722.00	0.00010c	(81123124)
365973.66	3766722.00	0.00010c	(81123124)	365993.66	3766722.00	0.00011c	(81123124)
366013.66	3766722.00	0.00012c	(81123124)	366033.66	3766722.00	0.00012c	(81123124)
366053.66	3766722.00	0.00013c	(81123124)	366073.66	3766722.00	0.00014c	(81123124)
366093.66	3766722.00	0.00014c	(81123124)	366113.66	3766722.00	0.00015c	(81123124)
366133.66	3766722.00	0.00016c	(81123124)	366153.66	3766722.00	0.00018c	(81123124)
366173.66	3766722.00	0.00019c	(81123124)	366193.66	3766722.00	0.00020c	(81123124)
366213.66	3766722.00	0.00023c	(81082524)	366233.66	3766722.00	0.00025c	(81082524)
366253.66	3766722.00	0.00028c	(81082524)	366273.66	3766722.00	0.00032c	(81082524)
366293.66	3766722.00	0.00035c	(81081024)	366313.66	3766722.00	0.00039c	(81081024)
366333.66	3766722.00	0.00034c	(81081024)	366353.66	3766722.00	0.00027c	(81101124)
366373.66	3766722.00	0.00025c	(81121024)	366393.66	3766722.00	0.00025c	(81121024)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332, L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344, L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366413.66	3766722.00	0.00023c	(81121924)	366433.66	3766722.00	0.00021c	(81121924)
366453.66	3766722.00	0.00023c	(81010624)	366473.66	3766722.00	0.00019c	(81010624)
366493.66	3766722.00	0.00017c	(81121424)	364713.66	3766742.00	0.00002c	(81030124)
364733.66	3766742.00	0.00002c	(81030124)	364753.66	3766742.00	0.00002c	(81030124)

364773.66	3766742.00	0.00002c	(81123124)	PM25op.POU.txt	364793.66	3766742.00	0.00002c	(81123124)
364813.66	3766742.00	0.00002c	(81123124)		364833.66	3766742.00	0.00002c	(81123124)
364853.66	3766742.00	0.00002c	(81123124)		364873.66	3766742.00	0.00002c	(81123124)
364893.66	3766742.00	0.00002c	(81123124)		364913.66	3766742.00	0.00002c	(81123124)
364933.66	3766742.00	0.00002c	(81123124)		364953.66	3766742.00	0.00002c	(81123124)
364973.66	3766742.00	0.00002c	(81041924)		364993.66	3766742.00	0.00002c	(81123124)
365013.66	3766742.00	0.00002c	(81123124)		365033.66	3766742.00	0.00002c	(81123124)
365053.66	3766742.00	0.00002c	(81123124)		365073.66	3766742.00	0.00002c	(81123124)
365093.66	3766742.00	0.00002c	(81123124)		365113.66	3766742.00	0.00002c	(81123124)
365133.66	3766742.00	0.00002c	(81123124)		365153.66	3766742.00	0.00002c	(81123124)
365173.66	3766742.00	0.00002c	(81123124)		365193.66	3766742.00	0.00002c	(81123124)
365213.66	3766742.00	0.00003c	(81123124)		365233.66	3766742.00	0.00003c	(81123124)
365253.66	3766742.00	0.00003c	(81123124)		365273.66	3766742.00	0.00003c	(81123124)
365293.66	3766742.00	0.00003c	(81123124)		365313.66	3766742.00	0.00003c	(81123124)
365333.66	3766742.00	0.00003c	(81123124)		365353.66	3766742.00	0.00003c	(81123124)
365373.66	3766742.00	0.00003c	(81123124)		365393.66	3766742.00	0.00004c	(81123124)
365413.66	3766742.00	0.00004c	(81123124)		365433.66	3766742.00	0.00004c	(81123124)
365453.66	3766742.00	0.00004c	(81123124)		365473.66	3766742.00	0.00005c	(81123124)
365493.66	3766742.00	0.00005c	(81123124)		365513.66	3766742.00	0.00005c	(81123124)
365533.66	3766742.00	0.00005c	(81123124)		365553.66	3766742.00	0.00005c	(81123124)
365573.66	3766742.00	0.00005c	(81123124)		365593.66	3766742.00	0.00005c	(81123124)
365613.66	3766742.00	0.00005c	(81123124)		365633.66	3766742.00	0.00005c	(81021424)
365653.66	3766742.00	0.00006c	(81021424)		365673.66	3766742.00	0.00006c	(81021424)
365693.66	3766742.00	0.00006c	(81021424)		365713.66	3766742.00	0.00006c	(81021424)
365733.66	3766742.00	0.00006c	(81021424)		365753.66	3766742.00	0.00006c	(81021424)
365773.66	3766742.00	0.00006c	(81021424)		365793.66	3766742.00	0.00006c	(81021424)
365813.66	3766742.00	0.00006c	(81021424)		365833.66	3766742.00	0.00006c	(81050224)
365853.66	3766742.00	0.00007c	(81123124)		365873.66	3766742.00	0.00007c	(81123124)
365893.66	3766742.00	0.00008c	(81123124)		365913.66	3766742.00	0.00008c	(81123124)
365933.66	3766742.00	0.00008c	(81123124)		365953.66	3766742.00	0.00009c	(81123124)
365973.66	3766742.00	0.00009c	(81123124)		365993.66	3766742.00	0.00009c	(81123124)
366013.66	3766742.00	0.00010c	(81123124)		366033.66	3766742.00	0.00010c	(81123124)
366053.66	3766742.00	0.00011c	(81123124)		366073.66	3766742.00	0.00011c	(81123124)
366093.66	3766742.00	0.00011c	(81123124)		366113.66	3766742.00	0.00012c	(81123124)
366133.66	3766742.00	0.00012c	(81123124)		366153.66	3766742.00	0.00013c	(81123124)
366173.66	3766742.00	0.00014c	(81082524)		366193.66	3766742.00	0.00015c	(81082524)

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***MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332, L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344, L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366213.66	3766742.00	0.00016c	(81082524)	366233.66	3766742.00	0.00017c	(81082524)
366253.66	3766742.00	0.00019c	(81082524)	366273.66	3766742.00	0.00020c	(81082524)
366293.66	3766742.00	0.00021c	(81081024)	366313.66	3766742.00	0.00023c	(81081024)
366333.66	3766742.00	0.00023c	(81081024)	366353.66	3766742.00	0.00023c	(81081024)
366373.66	3766742.00	0.00023c	(81081024)	366393.66	3766742.00	0.00025c	(81081024)
366413.66	3766742.00	0.00025c	(81121024)	366433.66	3766742.00	0.00024c	(81051424)
366453.66	3766742.00	0.00023c	(81051424)	366473.66	3766742.00	0.00021c	(81012624)
366493.66	3766742.00	0.00019c	(81012624)	366488.66	3766117.00	0.00004c	(81030624)
364738.66	3766117.00	0.00007c	(81030624)	364788.66	3766117.00	0.00010c	(81011224)
364838.66	3766117.00	0.00013c	(81020824)	364888.66	3766117.00	0.00035c	(81122224)
364938.66	3766117.00	0.00017c	(81103024)	364988.66	3766117.00	0.00009c	(81011224)
365038.66	3766117.00	0.00005c	(81110224)	365088.66	3766117.00	0.00004c	(81030824)
365138.66	3766117.00	0.00003c	(81011224)	365188.66	3766117.00	0.00003c	(81011224)
365238.66	3766117.00	0.00003c	(81011224)	365288.66	3766117.00	0.00002c	(81011224)
365338.66	3766117.00	0.00002c	(81011224)	365388.66	3766117.00	0.00002c	(81011224)
365438.66	3766117.00	0.00002c	(81011224)	365488.66	3766117.00	0.00002c	(81103124)
365538.66	3766117.00	0.00002c	(81103124)	365588.66	3766117.00	0.00002c	(81103124)
365638.66	3766117.00	0.00002c	(81103124)	365688.66	3766117.00	0.00003c	(81122224)
365738.66	3766117.00	0.00003c	(81122224)	365788.66	3766117.00	0.00003c	(81122224)
365838.66	3766117.00	0.00003c	(81122224)	365888.66	3766117.00	0.00003c	(81122224)
365938.66	3766117.00	0.00002c	(81103024)	365988.66	3766117.00	0.00002c	(81103024)
366038.66	3766117.00	0.00002c	(81103024)	366088.66	3766117.00	0.00002c	(81103124)
366138.66	3766117.00	0.00002c	(81103124)	366188.66	3766117.00	0.00002c	(81103124)
366238.66	3766117.00	0.00002c	(81103124)	366288.66	3766117.00	0.00002c	(81122224)
366338.66	3766117.00	0.00002c	(81122224)	366388.66	3766117.00	0.00002c	(81103024)
366438.66	3766117.00	0.00002c	(81103024)	366488.66	3766117.00	0.00002c	(81103024)
366538.66	3766117.00	0.00002c	(81103024)	366588.66	3766167.00	0.00006c	(81030224)
366638.66	3766167.00	0.00002c	(81103024)	366688.66	3766217.00	0.00009c	(81030124)
366738.66	3766217.00	0.00002c	(81103024)	366788.66	3766267.00	0.00007c	(81112724)
366838.66	3766267.00	0.00002c	(81103024)	366888.66	3766317.00	0.00006c	(81012724)
366938.66	3766317.00	0.00002c	(81103024)	366988.66	3766367.00	0.00004c	(81030424)
367038.66	3766367.00	0.00002c	(81103024)	367088.66	3766417.00	0.00003c	(81123124)
367138.66	3766417.00	0.00003c	(81110224)	367188.66	3766467.00	0.00002c	(81082524)
367238.66	3766467.00	0.00003c	(81110224)	367288.66	3766517.00	0.00002c	(81042924)
367338.66	3766517.00	0.00003c	(81110224)	367388.66	3766567.00	0.00002c	(81042924)
367438.66	3766567.00	0.00004c	(81110224)	367488.66	3766617.00	0.00002c	(81030124)
367538.66	3766617.00	0.00005c	(81110224)	367588.66	3766667.00	0.00002c	(81030124)
367638.66	3766667.00	0.00006c	(81110224)	367688.66	3766717.00	0.00002c	(81030124)
367738.66	3766717.00	0.00010c	(81121424)	367788.66	3766767.00	0.00001c	(81030124)
367838.66	3766767.00	0.00001c	(81123124)	367888.66	3766767.00	0.00002c	(81123124)

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***MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332, L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344, L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364838.66	3766767.00	0.00002c	(81123124)	364888.66	3766767.00	0.00002c	(81123124)
364938.66	3766767.00	0.00002c	(81123124)	364988.66	3766767.00	0.00002c	(81123124)
365038.66	3766767.00	0.00002c	(81123124)	365088.66	3766767.00	0.00002c	(81123124)
365138.66	3766767.00	0.00002c	(81123124)	365188.66	3766767.00	0.00002c	(81123124)
365238.66	3766767.00	0.00002c	(81123124)	365288.66	3766767.00	0.00003c	(81123124)
365338.66	3766767.00	0.00003c	(81123124)	365388.66	3766767.00	0.00003c	(81123124)
365438.66	3766767.00	0.00004c	(81123124)	365488.66	3766767.00	0.00004c	(81123124)
365538.66	3766767.00	0.00004c	(81123124)	365588.66	3766767.00	0.00005c	(81123124)
365638.66	3766767.00	0.00005c	(81123124)	365688.66	3766767.00	0.00005c	(81021424)
365738.66	3766767.00	0.00005c	(81021424)	365788.66	3766767.00	0.00006c	(81021424)

365838.66	3766767.00	0.00006c	(81123124)	PM25op.POU.txt	365888.66	3766767.00	0.00006c	(81123124)
365938.66	3766767.00	0.00007c	(81123124)		365988.66	3766767.00	0.00008c	(81123124)
366038.66	3766767.00	0.00008c	(81123124)		366088.66	3766767.00	0.00009c	(81123124)
366138.66	3766767.00	0.00009c	(81021424)		366188.66	3766767.00	0.00011c	(81082524)
366238.66	3766767.00	0.00012c	(81082524)		366288.66	3766767.00	0.00014c	(81081024)
366338.66	3766767.00	0.00015c	(81081024)		366388.66	3766767.00	0.00015c	(81081024)
366438.66	3766767.00	0.00017c	(81082524)		366488.66	3766767.00	0.00019c	(81081024)
366538.66	3766767.00	0.00010c	(81070124)		366563.66	3766092.00	0.00004c	(81030624)
364713.66	3766092.00	0.00005c	(81030624)		364763.66	3766092.00	0.00007c	(81011224)
364813.66	3766092.00	0.00006c	(81020824)		364863.66	3766092.00	0.00011c	(81122224)
364913.66	3766092.00	0.00021c	(81122224)		364963.66	3766092.00	0.00010c	(81103024)
365013.66	3766092.00	0.00007c	(81011224)		365063.66	3766092.00	0.00004c	(81022224)
365113.66	3766092.00	0.00003c	(81011224)		365163.66	3766092.00	0.00003c	(81011224)
365213.66	3766092.00	0.00003c	(81011224)		365263.66	3766092.00	0.00003c	(81011224)
365313.66	3766092.00	0.00002c	(81011224)		365363.66	3766092.00	0.00002c	(81011224)
365413.66	3766092.00	0.00002c	(81011224)		365463.66	3766092.00	0.00001c	(81011224)
365513.66	3766092.00	0.00001c	(81103124)		365563.66	3766092.00	0.00002c	(81103124)
365613.66	3766092.00	0.00002c	(81103124)		365663.66	3766092.00	0.00002c	(81122224)
365713.66	3766092.00	0.00003c	(81122224)		365763.66	3766092.00	0.00003c	(81122224)
365813.66	3766092.00	0.00003c	(81122224)		365863.66	3766092.00	0.00003c	(81122224)
365913.66	3766092.00	0.00003c	(81122224)		365963.66	3766092.00	0.00002c	(81103024)
366013.66	3766092.00	0.00002c	(81103024)		366063.66	3766092.00	0.00002c	(81103024)
366113.66	3766092.00	0.00002c	(81103124)		366163.66	3766092.00	0.00002c	(81103124)
366213.66	3766092.00	0.00002c	(81103124)		366263.66	3766092.00	0.00002c	(81122224)
366313.66	3766092.00	0.00002c	(81122224)		366363.66	3766092.00	0.00002c	(81122224)
366413.66	3766092.00	0.00002c	(81103024)		366463.66	3766092.00	0.00002c	(81103024)
366513.66	3766092.00	0.00002c	(81103024)		366563.66	3766092.00	0.00002c	(81103024)
364663.66	3766142.00	0.00004c	(81030224)		366563.66	3766142.00	0.00002c	(81103024)
364663.66	3766192.00	0.00006c	(81112724)		366563.66	3766192.00	0.00002c	(81103024)
364663.66	3766242.00	0.00008c	(81030124)		366563.66	3766242.00	0.00002c	(81103024)

1 *** ISC3P - VERSION 04269 *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332, L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344, L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364663.66	3766292.00	0.00005c	(81123124)	366563.66	3766292.00	0.00002c	(81103024)
364663.66	3766342.00	0.00004c	(81012724)	366563.66	3766342.00	0.00002c	(81103024)
364663.66	3766392.00	0.00003c	(81030424)	366563.66	3766392.00	0.00002c	(81110224)
364663.66	3766442.00	0.00002c	(81102124)	366563.66	3766442.00	0.00003c	(81110224)
364663.66	3766492.00	0.00002c	(81082524)	366563.66	3766492.00	0.00003c	(81110224)
364663.66	3766542.00	0.00002c	(81042924)	366563.66	3766542.00	0.00003c	(81110224)
364663.66	3766592.00	0.00002c	(81030124)	366563.66	3766592.00	0.00004c	(81110224)
364663.66	3766642.00	0.00002c	(81030124)	366563.66	3766642.00	0.00005c	(81110224)
364663.66	3766692.00	0.00002c	(81030124)	366563.66	3766692.00	0.00006c	(81121424)
364663.66	3766742.00	0.00001c	(81030124)	366563.66	3766742.00	0.00008c	(81031324)
364663.66	3766792.00	0.00001c	(81123124)	364713.66	3766792.00	0.00001c	(81123124)
364763.66	3766792.00	0.00002c	(81123124)	364813.66	3766792.00	0.00002c	(81123124)
364863.66	3766792.00	0.00002c	(81123124)	364913.66	3766792.00	0.00002c	(81123124)
364963.66	3766792.00	0.00002c	(81123124)	365013.66	3766792.00	0.00002c	(81123124)
365063.66	3766792.00	0.00002c	(81123124)	365113.66	3766792.00	0.00002c	(81123124)
365163.66	3766792.00	0.00002c	(81123124)	365213.66	3766792.00	0.00002c	(81123124)
365263.66	3766792.00	0.00002c	(81123124)	365313.66	3766792.00	0.00003c	(81123124)
365363.66	3766792.00	0.00003c	(81123124)	365413.66	3766792.00	0.00003c	(81123124)
365463.66	3766792.00	0.00004c	(81123124)	365513.66	3766792.00	0.00004c	(81123124)
365563.66	3766792.00	0.00004c	(81123124)	365613.66	3766792.00	0.00004c	(81123124)
365663.66	3766792.00	0.00005c	(81123124)	365713.66	3766792.00	0.00005c	(81021424)
365763.66	3766792.00	0.00005c	(81021424)	365813.66	3766792.00	0.00005c	(81021424)
365863.66	3766792.00	0.00005c	(81123124)	365913.66	3766792.00	0.00006c	(81123124)
365963.66	3766792.00	0.00006c	(81123124)	366013.66	3766792.00	0.00007c	(81123124)
366063.66	3766792.00	0.00007c	(81123124)	366113.66	3766792.00	0.00007c	(81021424)
366163.66	3766792.00	0.00008c	(81082524)	366213.66	3766792.00	0.00009c	(81082524)
366263.66	3766792.00	0.00010c	(81081024)	366313.66	3766792.00	0.00011c	(81081024)
366363.66	3766792.00	0.00011c	(81081024)	366413.66	3766792.00	0.00011c	(81081024)
366463.66	3766792.00	0.00012c	(81081024)	366513.66	3766792.00	0.00011c	(81051424)
366563.66	3766792.00	0.00007c	(81070124)	364613.66	3766042.00	0.00003c	(81030624)
364688.66	3766042.00	0.00004c	(81011224)	364763.66	3766042.00	0.00003c	(81011224)
364838.66	3766042.00	0.00006c	(81020824)	364913.66	3766042.00	0.00011c	(81122224)
364988.66	3766042.00	0.00007c	(81103024)	365063.66	3766042.00	0.00005c	(81011224)
365138.66	3766042.00	0.00003c	(81011224)	365213.66	3766042.00	0.00003c	(81011224)
365288.66	3766042.00	0.00002c	(81011224)	365363.66	3766042.00	0.00002c	(81011224)
365438.66	3766042.00	0.00001c	(81011224)	365513.66	3766042.00	0.00001c	(81011224)
365588.66	3766042.00	0.00001c	(81103124)	365663.66	3766042.00	0.00002c	(81122224)
365738.66	3766042.00	0.00002c	(81122224)	365813.66	3766042.00	0.00003c	(81122224)
365888.66	3766042.00	0.00002c	(81122224)	365963.66	3766042.00	0.00002c	(81122224)
366038.66	3766042.00	0.00002c	(81103024)	366113.66	3766042.00	0.00002c	(81103124)

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332, L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344, L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366188.66	3766042.00	0.00002c	(81103124)	366263.66	3766042.00	0.00002c	(81103124)
366338.66	3766042.00	0.00002c	(81122224)	366413.66	3766042.00	0.00002c	(81103024)
366488.66	3766042.00	0.00002c	(81103024)	366563.66	3766042.00	0.00001c	(81103024)
364613.66	3766117.00	0.00003c	(81101224)	366563.66	3766117.00	0.00002c	(81103024)
364613.66	3766192.00	0.00004c	(81112724)	366563.66	3766192.00	0.00002c	(81103024)
364613.66	3766267.00	0.00005c	(81030124)	366563.66	3766267.00	0.00002c	(81103024)
364613.66	3766342.00	0.00003c	(81012724)	366563.66	3766342.00	0.00002c	(81103024)
364613.66	3766417.00	0.00003c	(81030424)	366563.66	3766417.00	0.00003c	(81110224)
364613.66	3766492.00	0.00002c	(81060524)	366563.66	3766492.00	0.00003c	(81110224)
364613.66	3766567.00	0.00001c	(81030124)	366563.66	3766567.00	0.00004c	(81110224)
364613.66	3766642.00	0.00002c	(81030124)	366563.66	3766642.00	0.00005c	(81110224)
364613.66	3766717.00	0.00001c	(81030124)	366563.66	3766717.00	0.00007c	(81121424)
364613.66	3766792.00	0.00001c	(81123124)	366563.66	3766792.00	0.00007c	(81070124)
364613.66	3766867.00	0.00001c	(81123124)	364688.66	3766867.00	0.00001c	(81123124)
364763.66	3766867.00	0.00001c	(81123124)	364838.66	3766867.00	0.00002c	(81123124)
364913.66	3766867.00	0.00002c	(81123124)	364988.66	3766867.00	0.00002c	(81123124)

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365063.66 3766867.00 0.00002c (81123124) PM25op.POU.txt 365138.66 3766867.00 0.00002c (81123124)
365213.66 3766867.00 0.00002c (81123124) 365288.66 3766867.00 0.00002c (81123124)
365363.66 3766867.00 0.00003c (81123124) 365438.66 3766867.00 0.00003c (81123124)
365513.66 3766867.00 0.00003c (81123124) 365588.66 3766867.00 0.00003c (81123124)
365663.66 3766867.00 0.00003c (81021424) 365738.66 3766867.00 0.00004c (81021424)
365813.66 3766867.00 0.00004c (81021424) 365888.66 3766867.00 0.00004c (81021424)
365963.66 3766867.00 0.00004c (81082524) 366038.66 3766867.00 0.00004c (81082524)
366113.66 3766867.00 0.00005c (81082524) 366188.66 3766867.00 0.00005c (81021424)
366263.66 3766867.00 0.00005c (81050224) 366338.66 3766867.00 0.00006c (81050224)
366413.66 3766867.00 0.00006c (81081024) 366488.66 3766867.00 0.00006c (81081024)
366563.66 3766867.00 0.00006c (81101124) 364513.66 3765942.00 0.00002c (81030624)
364613.66 3765942.00 0.00002c (81011224) 364713.66 3765942.00 0.00001c (81122024)
364813.66 3765942.00 0.00003c (81020824) 364913.66 3765942.00 0.00004c (81122224)
365013.66 3765942.00 0.00004c (81122224) 365113.66 3765942.00 0.00003c (81011224)
365213.66 3765942.00 0.00003c (81011224) 365313.66 3765942.00 0.00002c (81011224)
365413.66 3765942.00 0.00002c (81011224) 365513.66 3765942.00 0.00001c (81011224)
365613.66 3765942.00 0.00001c (81103124) 365713.66 3765942.00 0.00002c (81122224)
365813.66 3765942.00 0.00002c (81122224) 365913.66 3765942.00 0.00002c (81122224)
366013.66 3765942.00 0.00002c (81122224) 366113.66 3765942.00 0.00002c (81103024)
366213.66 3765942.00 0.00002c (81103024) 366313.66 3765942.00 0.00001c (81103024)
366413.66 3765942.00 0.00001c (81103024) 366513.66 3765942.00 0.00001c (81103024)
366613.66 3765942.00 0.00001c (81103024) 366713.66 3765942.00 0.00001c (81103024)
364513.66 3766042.00 0.00002c (81101224) 366613.66 3766042.00 0.00001c (81103024)
366713.66 3766042.00 0.00001c (81103024) 364513.66 3766142.00 0.00003c (81030224)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
366613.66 3766142.00 0.00002c (81103024) 366713.66 3766142.00 0.00001c (81103024)
364513.66 3766242.00 0.00004c (81030124) 366613.66 3766242.00 0.00002c (81103024)
366713.66 3766242.00 0.00001c (81110224) 364513.66 3766342.00 0.00003c (81112724)
366613.66 3766342.00 0.00002c (81110224) 366713.66 3766342.00 0.00002c (81110224)
364513.66 3766442.00 0.00002c (81012724) 366613.66 3766442.00 0.00003c (81110224)
366713.66 3766442.00 0.00002c (81110224) 364513.66 3766542.00 0.00001c (81030424)
366613.66 3766542.00 0.00003c (81110224) 366713.66 3766542.00 0.00002c (81110224)
364513.66 3766642.00 0.00001c (81030124) 366613.66 3766642.00 0.00004c (81121424)
366713.66 3766642.00 0.00003c (81032624) 364513.66 3766742.00 0.00001c (81030124)
366613.66 3766742.00 0.00005c (81031324) 366713.66 3766742.00 0.00004c (81121424)
364513.66 3766842.00 0.00001c (81123124) 366613.66 3766842.00 0.00005c (81051424)
366713.66 3766842.00 0.00003c (81032224) 364513.66 3766942.00 0.00001c (81123124)
364613.66 3766942.00 0.00001c (81123124) 364713.66 3766942.00 0.00001c (81123124)
364813.66 3766942.00 0.00001c (81123124) 364913.66 3766942.00 0.00001c (81123124)
365013.66 3766942.00 0.00001c (81123124) 365113.66 3766942.00 0.00002c (81123124)
365213.66 3766942.00 0.00002c (81123124) 365313.66 3766942.00 0.00002c (81123124)
365413.66 3766942.00 0.00002c (81123124) 365513.66 3766942.00 0.00002c (81123124)
365613.66 3766942.00 0.00002c (81021424) 365713.66 3766942.00 0.00003c (81021424)
365813.66 3766942.00 0.00003c (81021424) 365913.66 3766942.00 0.00003c (81021424)
366013.66 3766942.00 0.00003c (81082524) 366113.66 3766942.00 0.00003c (81082524)
366213.66 3766942.00 0.00003c (81082724) 366313.66 3766942.00 0.00004c (81050224)
366413.66 3766942.00 0.00004c (81050224) 366513.66 3766942.00 0.00004c (81101124)
366613.66 3766942.00 0.00004c (81101124) 366713.66 3766942.00 0.00003c (81101124)
364213.66 3765642.00 0.00001c (81030624) 364413.66 3765642.00 0.00001c (81011224)
364613.66 3765642.00 0.00001c (81011224) 364813.66 3765642.00 0.00001c (81020824)
365013.66 3765642.00 0.00001c (81122224) 365213.66 3765642.00 0.00001c (81103024)
365413.66 3765642.00 0.00001c (81011224) 365613.66 3765642.00 0.00001c (81121124)
365813.66 3765642.00 0.00001c (81122224) 366013.66 3765642.00 0.00001c (81122224)
366213.66 3765642.00 0.00001c (81122224) 366413.66 3765642.00 0.00001c (81103024)
366613.66 3765642.00 0.00001c (81103024) 366813.66 3765642.00 0.00001c (81103024)
367013.66 3765642.00 0.00001c (81011224) 364213.66 3765842.00 0.00001c (81030624)
364413.66 3765842.00 0.00001c (81030624) 364613.66 3765842.00 0.00001c (81122024)
364813.66 3765842.00 0.00002c (81020824) 365013.66 3765842.00 0.00003c (81122224)
365213.66 3765842.00 0.00002c (81011224) 365413.66 3765842.00 0.00001c (81011224)
365613.66 3765842.00 0.00001c (81020824) 365813.66 3765842.00 0.00002c (81122224)
366013.66 3765842.00 0.00002c (81122224) 366213.66 3765842.00 0.00001c (81103024)
366413.66 3765842.00 0.00001c (81103024) 366613.66 3765842.00 0.00001c (81103024)
366813.66 3765842.00 0.00001c (81103024) 367013.66 3765842.00 0.00001c (81110224)
364213.66 3766042.00 0.00001c (81030224) 364413.66 3766042.00 0.00001c (81101224)
366813.66 3766042.00 0.00001c (81101324) 367013.66 3766042.00 0.00001c (81110224)
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**MODELOPTS: CONC URBAN FLAT DEFAULT

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
364213.66 3766242.00 0.00001c (81030124) 364413.66 3766242.00 0.00003c (81030124)
366813.66 3766242.00 0.00001c (81110224) 367013.66 3766242.00 0.00001c (81110224)
364213.66 3766442.00 0.00001c (81112724) 364413.66 3766442.00 0.00001c (81012724)
366813.66 3766442.00 0.00002c (81110224) 367013.66 3766442.00 0.00001c (81071824)
364213.66 3766642.00 0.00001c (81030124) 364413.66 3766642.00 0.00001c (81030124)
366813.66 3766642.00 0.00003c (81032624) 367013.66 3766642.00 0.00002c (81032624)
364213.66 3766842.00 0.00001c (81030124) 364413.66 3766842.00 0.00001c (81123124)
366813.66 3766842.00 0.00003c (81032224) 367013.66 3766842.00 0.00002c (81031324)
364213.66 3767042.00 0.00001c (81123124) 364413.66 3767042.00 0.00001c (81123124)
364613.66 3767042.00 0.00001c (81123124) 364813.66 3767042.00 0.00001c (81123124)
365013.66 3767042.00 0.00001c (81123124) 365213.66 3767042.00 0.00001c (81123124)
365413.66 3767042.00 0.00002c (81021424) 365613.66 3767042.00 0.00002c (81021424)
365813.66 3767042.00 0.00002c (81021424) 366013.66 3767042.00 0.00002c (81082524)
366213.66 3767042.00 0.00003c (81032924) 366413.66 3767042.00 0.00003c (81050224)
366613.66 3767042.00 0.00003c (81101124) 366813.66 3767042.00 0.00003c (81101124)
367013.66 3767042.00 0.00002c (81100724) 364213.66 3767242.00 0.00001c (81123124)
364413.66 3767242.00 0.00001c (81123124) 364613.66 3767242.00 0.00001c (81030424)
364813.66 3767242.00 0.00001c (81123124) 365013.66 3767242.00 0.00001c (81040624)
365213.66 3767242.00 0.00001c (81021424) 365413.66 3767242.00 0.00001c (81021424)
365613.66 3767242.00 0.00001c (81021424) 365813.66 3767242.00 0.00001c (81021424)
366013.66 3767242.00 0.00002c (81021424) 366213.66 3767242.00 0.00002c (81050224)
366413.66 3767242.00 0.00002c (81050224) 366613.66 3767242.00 0.00002c (81050224)

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366813.66 3767242.00 0.00002c (81101124) PM25op.POU.txt 367013.66 3767242.00 0.00002c (81101124)
364749.41 3766145.50 0.00008c (81030624) 365164.66 3766254.25 0.00005c (81032624)
365136.59 3766369.25 0.00005c (81101124) 364719.78 3766265.75 0.00009c (81123124)
366491.12 3766752.50 0.00026c (81081024) 366496.31 3766728.25 0.00017c (81031324)
365453.47 3766452.00 0.00029c (81011224) 365450.00 3766474.50 0.00055c (81112724)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364763.69	3766123.25	0.00005c	(81112924)	364877.00	3766157.50	0.00057c	(81121124)
364996.62	3766189.25	0.00008c	(81103124)	365152.53	3766233.75	0.00004c	(81120624)
365186.06	3766252.75	0.00004c	(81021024)	364813.56	3766040.75	0.00002c	(81020624)
364906.91	3766067.00	0.00006c	(81121124)	365017.50	3766096.00	0.00005c	(81101724)
365171.56	3766136.75	0.00002c	(81013124)	364901.47	3765939.25	0.00002c	(81101524)
364943.16	3765956.50	0.00002c	(81112924)	365049.19	3765981.75	0.00003c	(81010624)
365196.03	3766026.25	0.00002c	(81013124)	365319.28	3766299.00	0.00002c	(81101224)
365341.03	3766259.00	0.00002c	(81110124)	365370.97	3766205.50	0.00002c	(81021024)
365416.25	3766100.50	0.00001c	(81022824)	365711.59	3766502.00	0.00035c	(81102924)
366498.19	3766709.25	0.00014c	(81103124)	365730.53	3766430.25	0.00010c	(81102924)
366513.31	3766637.25	0.00005c	(81010624)	365475.88	3766363.75	0.00004c	(81122724)
365509.72	3766271.00	0.00002c	(81121324)	365760.62	3766338.75	0.00005c	(81011124)
366539.66	3766543.25	0.00003c	(81110924)	364713.66	3766142.00	0.00004c	(81011224)
364733.66	3766142.00	0.00005c	(81040324)	364753.66	3766142.00	0.00006c	(81012024)
364773.66	3766142.00	0.00007c	(81112924)	364793.66	3766142.00	0.00008c	(81112924)
364813.66	3766142.00	0.00009c	(81012024)	364833.66	3766142.00	0.00009c	(81022824)
364853.66	3766142.00	0.00013c	(81103124)	364873.66	3766142.00	0.00030c	(81012424)
364893.66	3766142.00	0.00027c	(81101624)	364913.66	3766142.00	0.00022c	(81013124)
364933.66	3766142.00	0.00017c	(81100524)	364953.66	3766142.00	0.00012c	(81022224)
364973.66	3766142.00	0.00009c	(81101324)	364993.66	3766142.00	0.00007c	(81080324)
365013.66	3766142.00	0.00005c	(81121224)	365033.66	3766142.00	0.00004c	(81110724)
365053.66	3766142.00	0.00004c	(81122724)	365073.66	3766142.00	0.00004c	(81110724)
365093.66	3766142.00	0.00003c	(81120124)	365113.66	3766142.00	0.00003c	(81103024)
365133.66	3766142.00	0.00003c	(81103024)	365153.66	3766142.00	0.00002c	(81013124)
365173.66	3766142.00	0.00002c	(81122724)	365193.66	3766142.00	0.00002c	(81071824)
365213.66	3766142.00	0.00002c	(81113024)	365233.66	3766142.00	0.00002c	(81113024)
365253.66	3766142.00	0.00002c	(81113024)	365273.66	3766142.00	0.00002c	(81113024)
365293.66	3766142.00	0.00002c	(81113024)	365313.66	3766142.00	0.00002c	(81113024)
365333.66	3766142.00	0.00001c	(81122024)	365353.66	3766142.00	0.00001c	(81020624)
365373.66	3766142.00	0.00001c	(81110724)	365393.66	3766142.00	0.00001c	(81113024)
365413.66	3766142.00	0.00001c	(81113024)	365433.66	3766142.00	0.00001c	(81071824)
365453.66	3766142.00	0.00001c	(81122024)	365473.66	3766142.00	0.00001c	(81122024)
365493.66	3766142.00	0.00001c	(81122724)	365513.66	3766142.00	0.00001c	(81011224)
365533.66	3766142.00	0.00001c	(81011224)	365553.66	3766142.00	0.00001c	(81122724)
365573.66	3766142.00	0.00001c	(81121124)	365593.66	3766142.00	0.00001c	(81031024)
365613.66	3766142.00	0.00002c	(81031024)	365633.66	3766142.00	0.00002c	(81101524)
365653.66	3766142.00	0.00002c	(81020824)	365673.66	3766142.00	0.00002c	(81102924)
365693.66	3766142.00	0.00002c	(81121124)	365713.66	3766142.00	0.00002c	(81113024)
365733.66	3766142.00	0.00002c	(81121124)	365753.66	3766142.00	0.00002c	(81121124)
365773.66	3766142.00	0.00002c	(81121124)	365793.66	3766142.00	0.00002c	(81121124)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365813.66	3766142.00	0.00002c	(81121124)	365833.66	3766142.00	0.00002c	(81121124)
365853.66	3766142.00	0.00002c	(81011224)	365873.66	3766142.00	0.00002c	(81101524)
365893.66	3766142.00	0.00002c	(81101524)	365913.66	3766142.00	0.00002c	(81011124)
365933.66	3766142.00	0.00002c	(81011124)	365953.66	3766142.00	0.00002c	(81011124)
365973.66	3766142.00	0.00002c	(81011124)	365993.66	3766142.00	0.00002c	(81011124)
366013.66	3766142.00	0.00002c	(81011124)	366033.66	3766142.00	0.00002c	(81011124)
366053.66	3766142.00	0.00002c	(81011124)	366073.66	3766142.00	0.00002c	(81011124)
366093.66	3766142.00	0.00002c	(81011124)	366113.66	3766142.00	0.00002c	(81011124)
366133.66	3766142.00	0.00002c	(81011124)	366153.66	3766142.00	0.00002c	(81011124)
366173.66	3766142.00	0.00002c	(81101724)	366193.66	3766142.00	0.00002c	(81101724)
366213.66	3766142.00	0.00002c	(81011224)	366233.66	3766142.00	0.00002c	(81011224)
366253.66	3766142.00	0.00002c	(81101824)	366273.66	3766142.00	0.00002c	(81101824)
366293.66	3766142.00	0.00002c	(81101824)	366313.66	3766142.00	0.00002c	(81022224)
366333.66	3766142.00	0.00002c	(81101824)	366353.66	3766142.00	0.00002c	(81101824)
366373.66	3766142.00	0.00001c	(81101824)	366393.66	3766142.00	0.00001c	(81101824)
366413.66	3766142.00	0.00001c	(81101724)	366433.66	3766142.00	0.00001c	(81011224)
366453.66	3766142.00	0.00001c	(81022224)	366473.66	3766142.00	0.00001c	(81022224)
366493.66	3766142.00	0.00001c	(81101324)	364713.66	3766162.00	0.00005c	(81012924)
364733.66	3766162.00	0.00006c	(81012924)	364753.66	3766162.00	0.00007c	(81042824)
364773.66	3766162.00	0.00009c	(81112824)	364793.66	3766162.00	0.00011c	(81040324)
364813.66	3766162.00	0.00015c	(81101224)	364833.66	3766162.00	0.00019c	(81012024)
364853.66	3766162.00	0.00026c	(81040324)	364873.66	3766162.00	0.00073c	(81101524)
364893.66	3766162.00	0.00054c	(81013124)	364913.66	3766162.00	0.00032c	(81110224)
364933.66	3766162.00	0.00019c	(81101824)	364953.66	3766162.00	0.00013c	(81101424)
364973.66	3766162.00	0.00009c	(81121224)	364993.66	3766162.00	0.00007c	(81120124)
365013.66	3766162.00	0.00006c	(81071224)	365033.66	3766162.00	0.00005c	(81120124)
365053.66	3766162.00	0.00004c	(81122724)	365073.66	3766162.00	0.00004c	(81122724)
365093.66	3766162.00	0.00003c	(81122724)	365113.66	3766162.00	0.00003c	(81122724)
365133.66	3766162.00	0.00003c	(81020624)	365153.66	3766162.00	0.00003c	(81071824)
365173.66	3766162.00	0.00003c	(81071824)	365193.66	3766162.00	0.00003c	(81103124)
365213.66	3766162.00	0.00002c	(81103124)	365233.66	3766162.00	0.00002c	(81113024)
365253.66	3766162.00	0.00002c	(81113024)	365273.66	3766162.00	0.00002c	(81113024)
365293.66	3766162.00	0.00002c	(81113024)	365313.66	3766162.00	0.00002c	(81110224)
365333.66	3766162.00	0.00002c	(81122024)	365353.66	3766162.00	0.00002c	(81110724)
365373.66	3766162.00	0.00002c	(81113024)	365393.66	3766162.00	0.00002c	(81103124)
365413.66	3766162.00	0.00001c	(81103124)	365433.66	3766162.00	0.00001c	(81071824)
365453.66	3766162.00	0.00001c	(81122024)	365473.66	3766162.00	0.00001c	(81122024)
365493.66	3766162.00	0.00001c	(81122024)	365513.66	3766162.00	0.00001c	(81122724)
365533.66	3766162.00	0.00001c	(81011224)	365553.66	3766162.00	0.00001c	(81111924)
365573.66	3766162.00	0.00001c	(81020624)	365593.66	3766162.00	0.00002c	(81031024)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,

L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365613.66	3766162.00	0.00002c	(81101524)	365633.66	3766162.00	0.00002c	(81101524)
365653.66	3766162.00	0.00002c	(81121124)	365673.66	3766162.00	0.00002c	(81102924)
365693.66	3766162.00	0.00002c	(81121124)	365713.66	3766162.00	0.00002c	(81121124)
365733.66	3766162.00	0.00002c	(81121124)	365753.66	3766162.00	0.00002c	(81121124)
365773.66	3766162.00	0.00002c	(81121124)	365793.66	3766162.00	0.00002c	(81121124)
365813.66	3766162.00	0.00002c	(81011224)	365833.66	3766162.00	0.00002c	(81101524)
365853.66	3766162.00	0.00002c	(81101524)	365873.66	3766162.00	0.00002c	(81011124)
365893.66	3766162.00	0.00002c	(81011124)	365913.66	3766162.00	0.00002c	(81011124)
365933.66	3766162.00	0.00002c	(81011124)	365953.66	3766162.00	0.00002c	(81011124)
365973.66	3766162.00	0.00002c	(81011124)	365993.66	3766162.00	0.00002c	(81011124)
366013.66	3766162.00	0.00002c	(81121124)	366033.66	3766162.00	0.00002c	(81011124)
366053.66	3766162.00	0.00002c	(81011124)	366073.66	3766162.00	0.00002c	(81011124)
366093.66	3766162.00	0.00002c	(81011124)	366113.66	3766162.00	0.00002c	(81011124)
366133.66	3766162.00	0.00002c	(81011124)	366153.66	3766162.00	0.00002c	(81101724)
366173.66	3766162.00	0.00002c	(81101724)	366193.66	3766162.00	0.00002c	(81011224)
366213.66	3766162.00	0.00002c	(81011224)	366233.66	3766162.00	0.00002c	(81101824)
366253.66	3766162.00	0.00002c	(81022224)	366273.66	3766162.00	0.00002c	(81022224)
366293.66	3766162.00	0.00002c	(81022224)	366313.66	3766162.00	0.00002c	(81121124)
366333.66	3766162.00	0.00002c	(81102924)	366353.66	3766162.00	0.00002c	(81102924)
366373.66	3766162.00	0.00002c	(81101724)	366393.66	3766162.00	0.00001c	(81011124)
366413.66	3766162.00	0.00001c	(81102924)	366433.66	3766162.00	0.00001c	(81011224)
366453.66	3766162.00	0.00001c	(81022224)	366473.66	3766162.00	0.00001c	(81101324)
366493.66	3766162.00	0.00001c	(81101324)	364713.66	3766182.00	0.00006c	(81012924)
364733.66	3766182.00	0.00007c	(81101224)	364753.66	3766182.00	0.00009c	(81042824)
364773.66	3766182.00	0.00012c	(81101224)	364793.66	3766182.00	0.00016c	(81030224)
364813.66	3766182.00	0.00024c	(81112824)	364833.66	3766182.00	0.00040c	(81101224)
364853.66	3766182.00	0.00089c	(81112824)	364873.66	3766182.00	0.00099c	(81121124)
364893.66	3766182.00	0.00082c	(81110124)	364913.66	3766182.00	0.00036c	(81101324)
364933.66	3766182.00	0.00021c	(81103124)	364953.66	3766182.00	0.00014c	(81103124)
364973.66	3766182.00	0.00010c	(81030824)	364993.66	3766182.00	0.00008c	(81113024)
365013.66	3766182.00	0.00007c	(81121424)	365033.66	3766182.00	0.00005c	(81121424)
365053.66	3766182.00	0.00005c	(81032624)	365073.66	3766182.00	0.00004c	(81110924)
365093.66	3766182.00	0.00004c	(81020624)	365113.66	3766182.00	0.00004c	(81110924)
365133.66	3766182.00	0.00003c	(81110924)	365153.66	3766182.00	0.00003c	(81011224)
365173.66	3766182.00	0.00003c	(81103124)	365193.66	3766182.00	0.00002c	(81103124)
365213.66	3766182.00	0.00002c	(81103124)	365233.66	3766182.00	0.00002c	(81103124)
365253.66	3766182.00	0.00002c	(81103124)	365273.66	3766182.00	0.00002c	(81110224)
365293.66	3766182.00	0.00002c	(81110424)	365313.66	3766182.00	0.00002c	(81020624)
365333.66	3766182.00	0.00002c	(81110724)	365353.66	3766182.00	0.00002c	(81020624)
365373.66	3766182.00	0.00002c	(81103124)	365393.66	3766182.00	0.00002c	(81103124)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,

L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365413.66	3766182.00	0.00001c	(81103124)	365433.66	3766182.00	0.00002c	(81103124)
365453.66	3766182.00	0.00002c	(81103124)	365473.66	3766182.00	0.00002c	(81122024)
365493.66	3766182.00	0.00002c	(81122024)	365513.66	3766182.00	0.00001c	(81111924)
365533.66	3766182.00	0.00001c	(81112924)	365553.66	3766182.00	0.00002c	(81121324)
365573.66	3766182.00	0.00002c	(81101524)	365593.66	3766182.00	0.00002c	(81101524)
365613.66	3766182.00	0.00002c	(81121324)	365633.66	3766182.00	0.00002c	(81121124)
365653.66	3766182.00	0.00002c	(81121124)	365673.66	3766182.00	0.00002c	(81121124)
365693.66	3766182.00	0.00002c	(81113024)	365713.66	3766182.00	0.00002c	(81121124)
365733.66	3766182.00	0.00002c	(81121124)	365753.66	3766182.00	0.00002c	(81121124)
365773.66	3766182.00	0.00002c	(81121124)	365793.66	3766182.00	0.00002c	(81011224)
365813.66	3766182.00	0.00002c	(81101524)	365833.66	3766182.00	0.00002c	(81101524)
365853.66	3766182.00	0.00002c	(81101524)	365873.66	3766182.00	0.00002c	(81011124)
365893.66	3766182.00	0.00002c	(81011124)	365913.66	3766182.00	0.00002c	(81011124)
365933.66	3766182.00	0.00002c	(81011124)	365953.66	3766182.00	0.00002c	(81011124)
365973.66	3766182.00	0.00002c	(81011124)	365993.66	3766182.00	0.00002c	(81102924)
366013.66	3766182.00	0.00002c	(81121124)	366033.66	3766182.00	0.00002c	(81122224)
366053.66	3766182.00	0.00002c	(81011124)	366073.66	3766182.00	0.00002c	(81011124)
366093.66	3766182.00	0.00002c	(81011124)	366113.66	3766182.00	0.00002c	(81011124)
366133.66	3766182.00	0.00002c	(81101724)	366153.66	3766182.00	0.00002c	(81101724)
366173.66	3766182.00	0.00002c	(81011224)	366193.66	3766182.00	0.00002c	(81011224)
366213.66	3766182.00	0.00002c	(81022224)	366233.66	3766182.00	0.00002c	(81022224)
366253.66	3766182.00	0.00002c	(81022224)	366273.66	3766182.00	0.00002c	(81022224)
366293.66	3766182.00	0.00002c	(81121124)	366313.66	3766182.00	0.00002c	(81102924)
366333.66	3766182.00	0.00002c	(81102924)	366353.66	3766182.00	0.00002c	(81101724)
366373.66	3766182.00	0.00002c	(81011124)	366393.66	3766182.00	0.00002c	(81011124)
366413.66	3766182.00	0.00002c	(81022224)	366433.66	3766182.00	0.00001c	(81102924)
366453.66	3766182.00	0.00001c	(81101324)	366473.66	3766182.00	0.00001c	(81101324)
366493.66	3766182.00	0.00001c	(81122224)	364713.66	3766202.00	0.00007c	(81061224)
364733.66	3766202.00	0.00008c	(81061224)	364753.66	3766202.00	0.00010c	(81061224)
364773.66	3766202.00	0.00014c	(81061224)	364793.66	3766202.00	0.00020c	(81061224)
364813.66	3766202.00	0.00031c	(81101224)	364833.66	3766202.00	0.00060c	(81112924)
364853.66	3766202.00	0.00103c	(81030424)	364873.66	3766202.00	0.00102c	(81010624)
364893.66	3766202.00	0.00095c	(81052224)	364913.66	3766202.00	0.00042c	(81012624)
364933.66	3766202.00	0.00025c	(81110724)	364953.66	3766202.00	0.00016c	(81110224)
364973.66	3766202.00	0.00012c	(81071824)	364993.66	3766202.00	0.00009c	(81112224)
365013.66	3766202.00	0.00007c	(81112224)	365033.66	3766202.00	0.00006c	(81112224)
365053.66	3766202.00	0.00005c	(81071824)	365073.66	3766202.00	0.00005c	(81121424)
365093.66	3766202.00	0.00004c	(81010624)	365113.66	3766202.00	0.00004c	(81103024)
365133.66	3766202.00	0.00004c	(81022224)	365153.66	3766202.00	0.00003c	(81112524)
365173.66	3766202.00	0.00003c	(81110124)	365193.66	3766202.00	0.00003c	(81112524)

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**MODELOPTS: CONC

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,

PM25op.POU.txt
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365213.66	3766202.00	0.00002c	(81110424)	365233.66	3766202.00	0.00002c	(81110724)
365253.66	3766202.00	0.00002c	(81110724)	365273.66	3766202.00	0.00002c	(81030624)
365293.66	3766202.00	0.00002c	(81021024)	365313.66	3766202.00	0.00002c	(81021024)
365333.66	3766202.00	0.00002c	(81122024)	365353.66	3766202.00	0.00002c	(81030624)
365373.66	3766202.00	0.00002c	(81032624)	365393.66	3766202.00	0.00002c	(81032624)
365413.66	3766202.00	0.00002c	(81071824)	365433.66	3766202.00	0.00001c	(81012124)
365453.66	3766202.00	0.00002c	(81103124)	365473.66	3766202.00	0.00002c	(81103124)
365493.66	3766202.00	0.00002c	(81020624)	365513.66	3766202.00	0.00002c	(81020624)
365533.66	3766202.00	0.00002c	(81020624)	365553.66	3766202.00	0.00002c	(81112924)
365573.66	3766202.00	0.00002c	(81111924)	365593.66	3766202.00	0.00002c	(81101524)
365613.66	3766202.00	0.00002c	(81121324)	365633.66	3766202.00	0.00002c	(81121324)
365653.66	3766202.00	0.00002c	(81102924)	365673.66	3766202.00	0.00002c	(81121124)
365693.66	3766202.00	0.00002c	(81121124)	365713.66	3766202.00	0.00002c	(81121124)
365733.66	3766202.00	0.00002c	(81121124)	365753.66	3766202.00	0.00002c	(81121124)
365773.66	3766202.00	0.00002c	(81101524)	365793.66	3766202.00	0.00002c	(81101524)
365813.66	3766202.00	0.00002c	(81101524)	365833.66	3766202.00	0.00002c	(81101524)
365853.66	3766202.00	0.00002c	(81011124)	365873.66	3766202.00	0.00002c	(81011124)
365893.66	3766202.00	0.00002c	(81011124)	365913.66	3766202.00	0.00002c	(81011124)
365933.66	3766202.00	0.00002c	(81011124)	365953.66	3766202.00	0.00002c	(81011124)
365973.66	3766202.00	0.00002c	(81102924)	365993.66	3766202.00	0.00002c	(81121124)
366013.66	3766202.00	0.00002c	(81121124)	366033.66	3766202.00	0.00002c	(81122224)
366053.66	3766202.00	0.00002c	(81122224)	366073.66	3766202.00	0.00002c	(81011124)
366093.66	3766202.00	0.00002c	(81011124)	366113.66	3766202.00	0.00002c	(81101724)
366133.66	3766202.00	0.00002c	(81101724)	366153.66	3766202.00	0.00002c	(81011224)
366173.66	3766202.00	0.00002c	(81011224)	366193.66	3766202.00	0.00002c	(81022224)
366213.66	3766202.00	0.00002c	(81022224)	366233.66	3766202.00	0.00002c	(81022224)
366253.66	3766202.00	0.00002c	(81022224)	366273.66	3766202.00	0.00002c	(81121124)
366293.66	3766202.00	0.00002c	(81102924)	366313.66	3766202.00	0.00002c	(81101724)
366333.66	3766202.00	0.00002c	(81101724)	366353.66	3766202.00	0.00002c	(81011124)
366373.66	3766202.00	0.00002c	(81011124)	366393.66	3766202.00	0.00002c	(81022224)
366413.66	3766202.00	0.00002c	(81011224)	366433.66	3766202.00	0.00002c	(81102924)
366453.66	3766202.00	0.00002c	(81101324)	366473.66	3766202.00	0.00002c	(81101324)
366493.66	3766202.00	0.00001c	(81122224)	364713.66	3766222.00	0.00006c	(81012724)
364733.66	3766222.00	0.00008c	(81012724)	364753.66	3766222.00	0.00011c	(81012724)
364773.66	3766222.00	0.00016c	(81123124)	364793.66	3766222.00	0.00022c	(81022824)
364813.66	3766222.00	0.00034c	(81022824)	364833.66	3766222.00	0.00062c	(81092924)
364853.66	3766222.00	0.00062c	(81092924)	364873.66	3766222.00	0.00080c	(81041124)
364893.66	3766222.00	0.00087c	(81082724)	364913.66	3766222.00	0.00044c	(81091524)
364933.66	3766222.00	0.00025c	(81012624)	364953.66	3766222.00	0.00017c	(81031324)
364973.66	3766222.00	0.00012c	(81010124)	364993.66	3766222.00	0.00010c	(81121424)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365013.66	3766222.00	0.00008c	(81010624)	365033.66	3766222.00	0.00007c	(81122424)
365053.66	3766222.00	0.00006c	(81121424)	365073.66	3766222.00	0.00006c	(81103124)
365093.66	3766222.00	0.00005c	(81011224)	365113.66	3766222.00	0.00005c	(81101824)
365133.66	3766222.00	0.00004c	(81101824)	365153.66	3766222.00	0.00004c	(81112224)
365173.66	3766222.00	0.00003c	(81113024)	365193.66	3766222.00	0.00003c	(81071824)
365213.66	3766222.00	0.00003c	(81071824)	365233.66	3766222.00	0.00002c	(81121424)
365253.66	3766222.00	0.00002c	(81110424)	365273.66	3766222.00	0.00002c	(81112524)
365293.66	3766222.00	0.00002c	(81112524)	365313.66	3766222.00	0.00002c	(81112524)
365333.66	3766222.00	0.00002c	(81122024)	365353.66	3766222.00	0.00002c	(81113024)
365373.66	3766222.00	0.00002c	(81113024)	365393.66	3766222.00	0.00002c	(81012124)
365413.66	3766222.00	0.00002c	(81030624)	365433.66	3766222.00	0.00002c	(81032624)
365453.66	3766222.00	0.00002c	(81012124)	365473.66	3766222.00	0.00002c	(81112924)
365493.66	3766222.00	0.00002c	(81103124)	365513.66	3766222.00	0.00002c	(81011224)
365533.66	3766222.00	0.00002c	(81121324)	365553.66	3766222.00	0.00002c	(81111924)
365573.66	3766222.00	0.00002c	(81112924)	365593.66	3766222.00	0.00002c	(81101524)
365613.66	3766222.00	0.00002c	(81121324)	365633.66	3766222.00	0.00002c	(81102924)
365653.66	3766222.00	0.00002c	(81113024)	365673.66	3766222.00	0.00002c	(81020824)
365693.66	3766222.00	0.00002c	(81121124)	365713.66	3766222.00	0.00003c	(81121124)
365733.66	3766222.00	0.00003c	(81121124)	365753.66	3766222.00	0.00003c	(81101524)
365773.66	3766222.00	0.00003c	(81101524)	365793.66	3766222.00	0.00003c	(81101524)
365813.66	3766222.00	0.00002c	(81101524)	365833.66	3766222.00	0.00002c	(81011124)
365853.66	3766222.00	0.00003c	(81011124)	365873.66	3766222.00	0.00003c	(81011124)
365893.66	3766222.00	0.00003c	(81011124)	365913.66	3766222.00	0.00002c	(81011124)
365933.66	3766222.00	0.00002c	(81011124)	365953.66	3766222.00	0.00002c	(81102924)
365973.66	3766222.00	0.00002c	(81102924)	365993.66	3766222.00	0.00002c	(81121124)
366013.66	3766222.00	0.00002c	(81122224)	366033.66	3766222.00	0.00002c	(81122224)
366053.66	3766222.00	0.00002c	(81122224)	366073.66	3766222.00	0.00002c	(81011124)
366093.66	3766222.00	0.00002c	(81101724)	366113.66	3766222.00	0.00002c	(81101724)
366133.66	3766222.00	0.00002c	(81101724)	366153.66	3766222.00	0.00002c	(81011224)
366173.66	3766222.00	0.00002c	(81011224)	366193.66	3766222.00	0.00002c	(81022224)
366213.66	3766222.00	0.00002c	(81022224)	366233.66	3766222.00	0.00002c	(81022224)
366253.66	3766222.00	0.00002c	(81121124)	366273.66	3766222.00	0.00002c	(81121124)
366293.66	3766222.00	0.00002c	(81101724)	366313.66	3766222.00	0.00002c	(81101724)
366333.66	3766222.00	0.00002c	(81011124)	366353.66	3766222.00	0.00002c	(81011124)
366373.66	3766222.00	0.00002c	(81022224)	366393.66	3766222.00	0.00002c	(81011224)
366413.66	3766222.00	0.00002c	(81011224)	366433.66	3766222.00	0.00002c	(81102924)
366453.66	3766222.00	0.00002c	(81101324)	366473.66	3766222.00	0.00002c	(81101324)
366493.66	3766222.00	0.00002c	(81022624)	364713.66	3766242.00	0.00007c	(81061224)
364733.66	3766242.00	0.00009c	(81061224)	364753.66	3766242.00	0.00011c	(81061224)
364773.66	3766242.00	0.00015c	(81092924)	364793.66	3766242.00	0.00023c	(81092924)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364813.66	3766242.00	0.00037c	(81092924)	364833.66	3766242.00	0.00050c	(81012724)
364853.66	3766242.00	0.00062c	(81012224)	364873.66	3766242.00	0.00075c	(81061724)
364893.66	3766242.00	0.00064c	(81071924)	364913.66	3766242.00	0.00041c	(81081024)
364933.66	3766242.00	0.00026c	(81102724)	364953.66	3766242.00	0.00017c	(81032124)
364973.66	3766242.00	0.00012c	(81121024)	364993.66	3766242.00	0.00010c	(81010124)
365013.66	3766242.00	0.00008c	(81122924)	365033.66	3766242.00	0.00008c	(81121024)
365053.66	3766242.00	0.00007c	(81121424)	365073.66	3766242.00	0.00007c	(81121424)
365093.66	3766242.00	0.00007c	(81010624)	365113.66	3766242.00	0.00006c	(81032624)
365133.66	3766242.00	0.00006c	(81120624)	365153.66	3766242.00	0.00004c	(81120624)
365173.66	3766242.00	0.00004c	(81121924)	365193.66	3766242.00	0.00003c	(81113024)
365213.66	3766242.00	0.00003c	(81021024)	365233.66	3766242.00	0.00003c	(81021024)
365253.66	3766242.00	0.00002c	(81110124)	365273.66	3766242.00	0.00002c	(81011724)
365293.66	3766242.00	0.00002c	(81110124)	365313.66	3766242.00	0.00002c	(81110124)
365333.66	3766242.00	0.00002c	(81110124)	365353.66	3766242.00	0.00002c	(81122024)
365373.66	3766242.00	0.00002c	(81112524)	365393.66	3766242.00	0.00002c	(81112524)
365413.66	3766242.00	0.00002c	(81032624)	365433.66	3766242.00	0.00002c	(81012124)
365453.66	3766242.00	0.00002c	(81021024)	365473.66	3766242.00	0.00002c	(81113024)
365493.66	3766242.00	0.00002c	(81121324)	365513.66	3766242.00	0.00002c	(81121324)
365533.66	3766242.00	0.00002c	(81121324)	365553.66	3766242.00	0.00002c	(81121324)
365573.66	3766242.00	0.00002c	(81113024)	365593.66	3766242.00	0.00002c	(81113024)
365613.66	3766242.00	0.00002c	(81102924)	365633.66	3766242.00	0.00002c	(81011224)
365653.66	3766242.00	0.00002c	(81103024)	365673.66	3766242.00	0.00003c	(81121124)
365693.66	3766242.00	0.00003c	(81121124)	365713.66	3766242.00	0.00003c	(81101524)
365733.66	3766242.00	0.00003c	(81121124)	365753.66	3766242.00	0.00003c	(81101524)
365773.66	3766242.00	0.00003c	(81101524)	365793.66	3766242.00	0.00003c	(81101524)
365813.66	3766242.00	0.00003c	(81011124)	365833.66	3766242.00	0.00003c	(81011124)
365853.66	3766242.00	0.00003c	(81011124)	365873.66	3766242.00	0.00003c	(81011124)
365893.66	3766242.00	0.00003c	(81011124)	365913.66	3766242.00	0.00003c	(81102924)
365933.66	3766242.00	0.00003c	(81102924)	365953.66	3766242.00	0.00002c	(81102924)
365973.66	3766242.00	0.00002c	(81121124)	365993.66	3766242.00	0.00002c	(81122224)
366013.66	3766242.00	0.00002c	(81122224)	366033.66	3766242.00	0.00002c	(81101724)
366053.66	3766242.00	0.00002c	(81101724)	366073.66	3766242.00	0.00002c	(81101824)
366093.66	3766242.00	0.00002c	(81122224)	366113.66	3766242.00	0.00002c	(81122224)
366133.66	3766242.00	0.00002c	(81101724)	366153.66	3766242.00	0.00002c	(81011224)
366173.66	3766242.00	0.00002c	(81022224)	366193.66	3766242.00	0.00002c	(81022224)
366213.66	3766242.00	0.00002c	(81022224)	366233.66	3766242.00	0.00002c	(81022224)
366253.66	3766242.00	0.00002c	(81121124)	366273.66	3766242.00	0.00002c	(81101724)
366293.66	3766242.00	0.00002c	(81101724)	366313.66	3766242.00	0.00002c	(81101724)
366333.66	3766242.00	0.00002c	(81011124)	366353.66	3766242.00	0.00002c	(81011224)
366373.66	3766242.00	0.00002c	(81011224)	366393.66	3766242.00	0.00002c	(81011224)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
 L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
 L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366413.66	3766242.00	0.00002c	(81011224)	366433.66	3766242.00	0.00002c	(81102924)
366453.66	3766242.00	0.00002c	(81101324)	366473.66	3766242.00	0.00002c	(81122224)
366493.66	3766242.00	0.00002c	(81022624)	366493.66	3766262.00	0.00006c	(81122824)
366473.66	3766262.00	0.00008c	(81092924)	366453.66	3766262.00	0.00011c	(81030424)
3664773.66	3766262.00	0.00015c	(81112724)	366493.66	3766262.00	0.00019c	(81102124)
3664813.66	3766262.00	0.00029c	(81041924)	3664833.66	3766262.00	0.00043c	(81092924)
3664853.66	3766262.00	0.00046c	(81082524)	3664873.66	3766262.00	0.00059c	(81081424)
3664893.66	3766262.00	0.00041c	(81051924)	3664913.66	3766262.00	0.00031c	(81080824)
3664933.66	3766262.00	0.00024c	(81090924)	3664953.66	3766262.00	0.00017c	(81082624)
3664973.66	3766262.00	0.00012c	(81102724)	3664993.66	3766262.00	0.00010c	(81021124)
365013.66	3766262.00	0.00009c	(81021124)	365033.66	3766262.00	0.00008c	(81021124)
365053.66	3766262.00	0.00008c	(81012624)	365073.66	3766262.00	0.00009c	(81032624)
365093.66	3766262.00	0.00008c	(81121024)	365113.66	3766262.00	0.00009c	(81012624)
365133.66	3766262.00	0.00007c	(81012624)	365153.66	3766262.00	0.00005c	(81010624)
365173.66	3766262.00	0.00004c	(81010624)	365193.66	3766262.00	0.00003c	(81120624)
365213.66	3766262.00	0.00003c	(81031324)	365233.66	3766262.00	0.00003c	(81110124)
365253.66	3766262.00	0.00003c	(81121924)	365273.66	3766262.00	0.00002c	(81121924)
365293.66	3766262.00	0.00002c	(81011224)	365313.66	3766262.00	0.00002c	(81110124)
365333.66	3766262.00	0.00002c	(81110124)	365353.66	3766262.00	0.00002c	(81122024)
365373.66	3766262.00	0.00002c	(81032624)	365393.66	3766262.00	0.00002c	(81012124)
365413.66	3766262.00	0.00002c	(81020824)	365433.66	3766262.00	0.00002c	(81112524)
365453.66	3766262.00	0.00002c	(81021024)	365473.66	3766262.00	0.00002c	(81030624)
365493.66	3766262.00	0.00002c	(81122324)	365513.66	3766262.00	0.00002c	(81121324)
365533.66	3766262.00	0.00002c	(81122324)	365553.66	3766262.00	0.00002c	(81121324)
365573.66	3766262.00	0.00002c	(81101524)	365593.66	3766262.00	0.00002c	(81102924)
365613.66	3766262.00	0.00002c	(81011224)	365633.66	3766262.00	0.00003c	(81011224)
365653.66	3766262.00	0.00003c	(81103024)	365673.66	3766262.00	0.00003c	(81121124)
365693.66	3766262.00	0.00003c	(81101524)	365713.66	3766262.00	0.00003c	(81121124)
365733.66	3766262.00	0.00003c	(81121124)	365753.66	3766262.00	0.00003c	(81101524)
365773.66	3766262.00	0.00003c	(81101524)	365793.66	3766262.00	0.00003c	(81011124)
365813.66	3766262.00	0.00003c	(81011124)	365833.66	3766262.00	0.00003c	(81011124)
365853.66	3766262.00	0.00003c	(81011124)	365873.66	3766262.00	0.00003c	(81011124)
365893.66	3766262.00	0.00003c	(81102924)	365913.66	3766262.00	0.00003c	(81102924)
365933.66	3766262.00	0.00003c	(81122324)	365953.66	3766262.00	0.00003c	(81122324)
365973.66	3766262.00	0.00002c	(81121124)	365993.66	3766262.00	0.00002c	(81122224)
366013.66	3766262.00	0.00002c	(81121124)	366033.66	3766262.00	0.00002c	(81101824)
366053.66	3766262.00	0.00002c	(81011124)	366073.66	3766262.00	0.00002c	(81121124)
366093.66	3766262.00	0.00002c	(81101824)	366113.66	3766262.00	0.00002c	(81121124)
366133.66	3766262.00	0.00002c	(81121124)	366153.66	3766262.00	0.00002c	(81011224)
366173.66	3766262.00	0.00002c	(81022224)	366193.66	3766262.00	0.00002c	(81022224)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
 L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
 L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366213.66	3766262.00	0.00002c	(81022224)	366233.66	3766262.00	0.00002c	(81022224)
366253.66	3766262.00	0.00002c	(81121124)	366273.66	3766262.00	0.00002c	(81022224)
366293.66	3766262.00	0.00002c	(81022224)	366313.66	3766262.00	0.00002c	(81101724)

```

366333.66 3766262.00 0.00002c (81011224) PM25op.POU.txt 366333.66 3766262.00 0.00002c (81011224)
366373.66 3766262.00 0.00002c (81011224) 366393.66 3766262.00 0.00002c (81011224)
366413.66 3766262.00 0.00002c (81011224) 366433.66 3766262.00 0.00002c (81102924)
366453.66 3766262.00 0.00002c (81022624) 366473.66 3766262.00 0.00002c (81101324)
366493.66 3766262.00 0.00002c (81022624) 364713.66 3766282.00 0.00006c (81030424)
364733.66 3766282.00 0.00007c (81112724) 364753.66 3766282.00 0.00008c (81041924)
364773.66 3766282.00 0.00011c (81060524) 364793.66 3766282.00 0.00013c (81040624)
364813.66 3766282.00 0.00016c (81012524) 364833.66 3766282.00 0.00023c (81012224)
364853.66 3766282.00 0.00028c (81121724) 364873.66 3766282.00 0.00029c (81061724)
364893.66 3766282.00 0.00025c (81051924) 364913.66 3766282.00 0.00022c (81090924)
364933.66 3766282.00 0.00019c (81080824) 364953.66 3766282.00 0.00016c (81082724)
364973.66 3766282.00 0.00012c (81082724) 364993.66 3766282.00 0.00010c (81051424)
365013.66 3766282.00 0.00008c (81051424) 365033.66 3766282.00 0.00009c (81011624)
365053.66 3766282.00 0.00009c (81100724) 365073.66 3766282.00 0.00010c (81090924)
365093.66 3766282.00 0.00008c (81052624) 365113.66 3766282.00 0.00007c (81052624)
365133.66 3766282.00 0.00006c (81070124) 365153.66 3766282.00 0.00005c (81120624)
365173.66 3766282.00 0.00004c (81012624) 365193.66 3766282.00 0.00004c (81032224)
365213.66 3766282.00 0.00003c (81011624) 365233.66 3766282.00 0.00003c (81011624)
365253.66 3766282.00 0.00003c (81121024) 365273.66 3766282.00 0.00003c (81110124)
365293.66 3766282.00 0.00002c (81011224) 365313.66 3766282.00 0.00002c (81011624)
365333.66 3766282.00 0.00002c (81122024) 365353.66 3766282.00 0.00002c (81110124)
365373.66 3766282.00 0.00002c (81110124) 365393.66 3766282.00 0.00002c (81012124)
365413.66 3766282.00 0.00002c (81012124) 365433.66 3766282.00 0.00002c (81112524)
365453.66 3766282.00 0.00002c (81012124) 365473.66 3766282.00 0.00002c (81112924)
365493.66 3766282.00 0.00002c (81121324) 365513.66 3766282.00 0.00002c (81121324)
365533.66 3766282.00 0.00002c (81122324) 365553.66 3766282.00 0.00002c (81103124)
365573.66 3766282.00 0.00002c (81101524) 365593.66 3766282.00 0.00003c (81102924)
365613.66 3766282.00 0.00003c (81102924) 365633.66 3766282.00 0.00003c (81101524)
365653.66 3766282.00 0.00003c (81011224) 365673.66 3766282.00 0.00003c (81101524)
365693.66 3766282.00 0.00003c (81011224) 365713.66 3766282.00 0.00003c (81121124)
365733.66 3766282.00 0.00003c (81121124) 365753.66 3766282.00 0.00003c (81101524)
365773.66 3766282.00 0.00003c (81101524) 365793.66 3766282.00 0.00003c (81011124)
365813.66 3766282.00 0.00003c (81011124) 365833.66 3766282.00 0.00003c (81101124)
365853.66 3766282.00 0.00003c (81102924) 365873.66 3766282.00 0.00003c (81102924)
365893.66 3766282.00 0.00003c (81122324) 365913.66 3766282.00 0.00003c (81122324)
365933.66 3766282.00 0.00003c (81122324) 365953.66 3766282.00 0.00003c (81122324)
365973.66 3766282.00 0.00003c (81122224) 365993.66 3766282.00 0.00003c (81101824)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
366013.66 3766282.00 0.00003c (81101824) 366033.66 3766282.00 0.00003c (81101824)
366053.66 3766282.00 0.00002c (81011124) 366073.66 3766282.00 0.00002c (81121124)
366093.66 3766282.00 0.00002c (81101824) 366113.66 3766282.00 0.00002c (81121124)
366133.66 3766282.00 0.00002c (81101724) 366153.66 3766282.00 0.00002c (81011224)
366173.66 3766282.00 0.00002c (81022224) 366193.66 3766282.00 0.00002c (81022224)
366213.66 3766282.00 0.00002c (81102924) 366233.66 3766282.00 0.00002c (81101724)
366253.66 3766282.00 0.00002c (81101724) 366273.66 3766282.00 0.00002c (81121124)
366293.66 3766282.00 0.00002c (81101724) 366313.66 3766282.00 0.00002c (81011224)
366333.66 3766282.00 0.00002c (81011224) 366353.66 3766282.00 0.00002c (81011224)
366373.66 3766282.00 0.00002c (81011224) 366393.66 3766282.00 0.00002c (81011224)
366413.66 3766282.00 0.00002c (81011224) 366433.66 3766282.00 0.00002c (81102924)
366453.66 3766282.00 0.00002c (81022624) 366473.66 3766282.00 0.00002c (81101324)
366493.66 3766282.00 0.00002c (81022624) 364713.66 3766302.00 0.00005c (81022324)
364733.66 3766302.00 0.00006c (81081124) 364753.66 3766302.00 0.00008c (81012724)
364773.66 3766302.00 0.00008c (81011324) 364793.66 3766302.00 0.00009c (81030424)
364813.66 3766302.00 0.00012c (81123124) 364833.66 3766302.00 0.00015c (81112424)
364853.66 3766302.00 0.00017c (81041524) 364873.66 3766302.00 0.00016c (81061724)
364893.66 3766302.00 0.00016c (81091824) 364913.66 3766302.00 0.00015c (81011924)
364933.66 3766302.00 0.00014c (81090924) 364953.66 3766302.00 0.00013c (81101124)
364973.66 3766302.00 0.00011c (81080824) 364993.66 3766302.00 0.00009c (81081024)
365013.66 3766302.00 0.00008c (81082724) 365033.66 3766302.00 0.00007c (81102724)
365053.66 3766302.00 0.00007c (81100724) 365073.66 3766302.00 0.00007c (81082624)
365093.66 3766302.00 0.00007c (81082624) 365113.66 3766302.00 0.00006c (81101124)
365133.66 3766302.00 0.00005c (81081424) 365153.66 3766302.00 0.00004c (81011624)
365173.66 3766302.00 0.00004c (81011624) 365193.66 3766302.00 0.00003c (81021024)
365213.66 3766302.00 0.00003c (81030624) 365233.66 3766302.00 0.00003c (81032224)
365253.66 3766302.00 0.00003c (81120624) 365273.66 3766302.00 0.00003c (81011524)
365293.66 3766302.00 0.00002c (81101224) 365313.66 3766302.00 0.00002c (81101224)
365333.66 3766302.00 0.00002c (81122024) 365353.66 3766302.00 0.00002c (81011624)
365373.66 3766302.00 0.00002c (81012124) 365393.66 3766302.00 0.00002c (81012124)
365413.66 3766302.00 0.00002c (81012124) 365433.66 3766302.00 0.00002c (81112524)
365453.66 3766302.00 0.00002c (81040324) 365473.66 3766302.00 0.00002c (81040324)
365493.66 3766302.00 0.00002c (81030624) 365513.66 3766302.00 0.00002c (81122224)
365533.66 3766302.00 0.00003c (81122324) 365553.66 3766302.00 0.00003c (81103124)
365573.66 3766302.00 0.00003c (81102924) 365593.66 3766302.00 0.00003c (81101524)
365613.66 3766302.00 0.00003c (81101524) 365633.66 3766302.00 0.00003c (81122324)
365653.66 3766302.00 0.00003c (81121124) 365673.66 3766302.00 0.00004c (81103024)
365693.66 3766302.00 0.00004c (81121124) 365713.66 3766302.00 0.00004c (81121124)
365733.66 3766302.00 0.00004c (81121124) 365753.66 3766302.00 0.00004c (81101524)
365773.66 3766302.00 0.00004c (81011124) 365793.66 3766302.00 0.00004c (81011124)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
365813.66 3766302.00 0.00004c (81011124) 365833.66 3766302.00 0.00004c (81102924)
365853.66 3766302.00 0.00004c (81102924) 365873.66 3766302.00 0.00003c (81122324)
365893.66 3766302.00 0.00003c (81122324) 365913.66 3766302.00 0.00003c (81122224)
365933.66 3766302.00 0.00003c (81122224) 365953.66 3766302.00 0.00003c (81121124)
365973.66 3766302.00 0.00003c (81101724) 365993.66 3766302.00 0.00003c (81101724)
366013.66 3766302.00 0.00003c (81101824) 366033.66 3766302.00 0.00003c (81011124)
366053.66 3766302.00 0.00002c (81011124) 366073.66 3766302.00 0.00002c (81101324)
366093.66 3766302.00 0.00002c (81121124) 366113.66 3766302.00 0.00002c (81121124)
366133.66 3766302.00 0.00002c (81101724) 366153.66 3766302.00 0.00002c (81011224)

```

366173.66 3766302.00 0.00002c (81011224) PM25op.POU.txt 366193.66 3766302.00 0.00002c (81102924)
366213.66 3766302.00 0.00002c (81101724) 366233.66 3766302.00 0.00002c (81101724)
366253.66 3766302.00 0.00002c (81101724) 366273.66 3766302.00 0.00002c (81101724)
366293.66 3766302.00 0.00002c (81022624) 366313.66 3766302.00 0.00002c (81022624)
366333.66 3766302.00 0.00002c (81022624) 366353.66 3766302.00 0.00002c (81022624)
366373.66 3766302.00 0.00002c (81022624) 366393.66 3766302.00 0.00002c (81011224)
366413.66 3766302.00 0.00002c (81011224) 366433.66 3766302.00 0.00002c (81102924)
366453.66 3766302.00 0.00002c (81102924) 366473.66 3766302.00 0.00002c (81110224)
366493.66 3766302.00 0.00002c (81101324) 364713.66 3766322.00 0.00005c (81081124)
364733.66 3766322.00 0.00005c (81040624) 364753.66 3766322.00 0.00006c (81112424)
364773.66 3766322.00 0.00006c (81040624) 364793.66 3766322.00 0.00007c (81070424)
364813.66 3766322.00 0.00008c (81070424) 364833.66 3766322.00 0.00010 (81041524)
364853.66 3766322.00 0.00011c (81012224) 364873.66 3766322.00 0.00011c (81021824)
364893.66 3766322.00 0.00011c (81102224) 364913.66 3766322.00 0.00011c (81011924)
364933.66 3766322.00 0.00010c (81082724) 364953.66 3766322.00 0.00010c (81032924)
364973.66 3766322.00 0.00009c (81102724) 364993.66 3766322.00 0.00008c (81051424)
365013.66 3766322.00 0.00007c (81091524) 365033.66 3766322.00 0.00007c (81091724)
365053.66 3766322.00 0.00007c (81081024) 365073.66 3766322.00 0.00006c (81051424)
365093.66 3766322.00 0.00006c (81021124) 365113.66 3766322.00 0.00005c (81052624)
365133.66 3766322.00 0.00005c (81091524) 365153.66 3766322.00 0.00004c (81011624)
365173.66 3766322.00 0.00004c (81081024) 365193.66 3766322.00 0.00003c (81031824)
365213.66 3766322.00 0.00003c (81052624) 365233.66 3766322.00 0.00003c (81021024)
365253.66 3766322.00 0.00003c (81121924) 365273.66 3766322.00 0.00003c (81012024)
365293.66 3766322.00 0.00003c (81012024) 365313.66 3766322.00 0.00003c (81011224)
365333.66 3766322.00 0.00003c (81101224) 365353.66 3766322.00 0.00003c (81012024)
365373.66 3766322.00 0.00003c (81011624) 365393.66 3766322.00 0.00002 (81040324)
365413.66 3766322.00 0.00002 (81040324) 365433.66 3766322.00 0.00002c (81012024)
365453.66 3766322.00 0.00003 (81040324) 365473.66 3766322.00 0.00003c (81122324)
365493.66 3766322.00 0.00003c (81122324) 365513.66 3766322.00 0.00003c (81122324)
365533.66 3766322.00 0.00003c (81122324) 365553.66 3766322.00 0.00003c (81103124)
365573.66 3766322.00 0.00003c (81102924) 365593.66 3766322.00 0.00003c (81102924)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

***MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
365613.66 3766322.00 0.00003c (81102924) 365633.66 3766322.00 0.00004c (81102924)
365653.66 3766322.00 0.00004c (81122324) 365673.66 3766322.00 0.00004c (81103024)
365693.66 3766322.00 0.00004c (81121124) 365713.66 3766322.00 0.00004c (81121124)
365733.66 3766322.00 0.00004c (81101524) 365753.66 3766322.00 0.00004c (81011124)
365773.66 3766322.00 0.00004c (81011124) 365793.66 3766322.00 0.00004c (81011124)
365813.66 3766322.00 0.00004c (81102924) 365833.66 3766322.00 0.00004c (81102924)
365853.66 3766322.00 0.00004c (81122324) 365873.66 3766322.00 0.00004c (81122324)
365893.66 3766322.00 0.00004 (81122224) 365913.66 3766322.00 0.00003 (81122224)
365933.66 3766322.00 0.00003c (81101824) 365953.66 3766322.00 0.00003c (81101724)
365973.66 3766322.00 0.00003c (81101724) 365993.66 3766322.00 0.00003c (81101724)
366013.66 3766322.00 0.00003c (81101724) 366033.66 3766322.00 0.00003c (81011124)
366053.66 3766322.00 0.00003c (81011124) 366073.66 3766322.00 0.00003c (81011124)
366093.66 3766322.00 0.00003c (81121124) 366113.66 3766322.00 0.00002c (81101724)
366133.66 3766322.00 0.00002c (81101724) 366153.66 3766322.00 0.00002c (81101724)
366173.66 3766322.00 0.00002c (81102924) 366193.66 3766322.00 0.00002c (81101724)
366213.66 3766322.00 0.00002c (81101724) 366233.66 3766322.00 0.00002c (81101724)
366253.66 3766322.00 0.00002c (81022624) 366273.66 3766322.00 0.00002c (81022624)
366293.66 3766322.00 0.00002c (81022624) 366313.66 3766322.00 0.00002c (81022624)
366333.66 3766322.00 0.00002c (81022624) 366353.66 3766322.00 0.00002c (81022624)
366373.66 3766322.00 0.00002c (81022624) 366393.66 3766322.00 0.00002c (81011224)
366413.66 3766322.00 0.00002c (81011224) 366433.66 3766322.00 0.00002c (81102924)
366453.66 3766322.00 0.00002c (81110224) 366473.66 3766322.00 0.00002c (81013124)
366493.66 3766322.00 0.00002c (81013124) 364713.66 3766342.00 0.00004c (81040624)
364733.66 3766342.00 0.00004c (81112424) 364753.66 3766342.00 0.00005c (81040624)
364773.66 3766342.00 0.00005c (81122424) 364793.66 3766342.00 0.00006c (81042424)
364813.66 3766342.00 0.00006 (81041524) 364833.66 3766342.00 0.00008 (81031524)
364853.66 3766342.00 0.00008c (81112424) 364873.66 3766342.00 0.00008c (81122424)
364893.66 3766342.00 0.00008c (81041124) 364913.66 3766342.00 0.00008c (81100624)
364933.66 3766342.00 0.00008c (81062824) 364953.66 3766342.00 0.00008c (81090924)
364973.66 3766342.00 0.00008c (81090924) 364993.66 3766342.00 0.00007c (81101124)
365013.66 3766342.00 0.00006c (81081024) 365033.66 3766342.00 0.00006c (81072624)
365053.66 3766342.00 0.00006c (81081524) 365073.66 3766342.00 0.00006c (81081024)
365093.66 3766342.00 0.00005c (81051424) 365113.66 3766342.00 0.00005c (81102724)
365133.66 3766342.00 0.00005c (81091524) 365153.66 3766342.00 0.00004c (81091524)
365173.66 3766342.00 0.00004c (81011624) 365193.66 3766342.00 0.00003c (81081024)
365213.66 3766342.00 0.00003c (81122524) 365233.66 3766342.00 0.00003c (81030624)
365253.66 3766342.00 0.00003c (81082024) 365273.66 3766342.00 0.00003c (81101224)
365293.66 3766342.00 0.00003c (81012024) 365313.66 3766342.00 0.00003c (81021124)
365333.66 3766342.00 0.00003c (81012024) 365353.66 3766342.00 0.00003c (81101224)
365373.66 3766342.00 0.00003c (81012024) 365393.66 3766342.00 0.00003c (81011624)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

***MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
365413.66 3766342.00 0.00003 (81040324) 365433.66 3766342.00 0.00003 (81040324)
365453.66 3766342.00 0.00003c (81021024) 365473.66 3766342.00 0.00003c (81122724)
365493.66 3766342.00 0.00003c (81122324) 365513.66 3766342.00 0.00003c (81122324)
365533.66 3766342.00 0.00003 (81040324) 365553.66 3766342.00 0.00003c (81102924)
365573.66 3766342.00 0.00004c (81103024) 365593.66 3766342.00 0.00004c (81103024)
365613.66 3766342.00 0.00004c (81102924) 365633.66 3766342.00 0.00004c (81101524)
365653.66 3766342.00 0.00005c (81102924) 365673.66 3766342.00 0.00005c (81121124)
365693.66 3766342.00 0.00005c (81121124) 365713.66 3766342.00 0.00005c (81121124)
365733.66 3766342.00 0.00005c (81011124) 365753.66 3766342.00 0.00005c (81011124)
365773.66 3766342.00 0.00005c (81011124) 365793.66 3766342.00 0.00005c (81102924)
365813.66 3766342.00 0.00005c (81102924) 365833.66 3766342.00 0.00004c (81102924)
365853.66 3766342.00 0.00004c (81122324) 365873.66 3766342.00 0.00004 (81122224)
365893.66 3766342.00 0.00004c (81121124) 365913.66 3766342.00 0.00004c (81121124)
365933.66 3766342.00 0.00003c (81013124) 365953.66 3766342.00 0.00003c (81101724)
365973.66 3766342.00 0.00003c (81101724) 365993.66 3766342.00 0.00003c (81101724)

366013.66 3766342.00 0.00003c (81101724) PM25op.POU.txt 366033.66 3766342.00 0.00003c (81011124)
366053.66 3766342.00 0.00003c (81110224) 366073.66 3766342.00 0.00003c (81121124)
366093.66 3766342.00 0.00003c (81022624) 366113.66 3766342.00 0.00003c (81022624)
366133.66 3766342.00 0.00003c (81022624) 366153.66 3766342.00 0.00003c (81022624)
366173.66 3766342.00 0.00002c (81022624) 366193.66 3766342.00 0.00002c (81101724)
366213.66 3766342.00 0.00002c (81022624) 366233.66 3766342.00 0.00002c (81022624)
366253.66 3766342.00 0.00002c (81022624) 366273.66 3766342.00 0.00002c (81022624)
366293.66 3766342.00 0.00002c (81011124) 366313.66 3766342.00 0.00002c (81121124)
366333.66 3766342.00 0.00002c (81022624) 366353.66 3766342.00 0.00002c (81022624)
366373.66 3766342.00 0.00002c (81011124) 366393.66 3766342.00 0.00002c (81011124)
366413.66 3766342.00 0.00002c (81011124) 366433.66 3766342.00 0.00002c (81110224)
366453.66 3766342.00 0.00002c (81013124) 366473.66 3766342.00 0.00002c (81013124)
366493.66 3766342.00 0.00002c (81013124) 364713.66 3766362.00 0.00003c (81112424)
364733.66 3766362.00 0.00004c (81040624) 364753.66 3766362.00 0.00004c (81122424)
364773.66 3766362.00 0.00004c (81012524) 364793.66 3766362.00 0.00004c (81021424)
364813.66 3766362.00 0.00005c (81041924) 364833.66 3766362.00 0.00006c (81041924)
364853.66 3766362.00 0.00006c (81011824) 364873.66 3766362.00 0.00007c (81030324)
364893.66 3766362.00 0.00006c (81030324) 364913.66 3766362.00 0.00006c (81100624)
364933.66 3766362.00 0.00006c (81011924) 364953.66 3766362.00 0.00006c (81081024)
364973.66 3766362.00 0.00006c (81090924) 364993.66 3766362.00 0.00006c (81081024)
365013.66 3766362.00 0.00006c (81101124) 365033.66 3766362.00 0.00005c (81051924)
365053.66 3766362.00 0.00005c (81072624) 365073.66 3766362.00 0.00005c (81091724)
365093.66 3766362.00 0.00005c (81081024) 365113.66 3766362.00 0.00005c (81081024)
365133.66 3766362.00 0.00004c (81081024) 365153.66 3766362.00 0.00004c (81081024)
365173.66 3766362.00 0.00004c (81091524) 365193.66 3766362.00 0.00003c (81082624)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
365213.66 3766362.00 0.00003c (81020724) 365233.66 3766362.00 0.00003c (81031424)
365253.66 3766362.00 0.00003c (81030624) 365273.66 3766362.00 0.00003c (81082024)
365293.66 3766362.00 0.00003c (81012024) 365313.66 3766362.00 0.00003c (81031824)
365333.66 3766362.00 0.00003c (81021024) 365353.66 3766362.00 0.00003c (81021024)
365373.66 3766362.00 0.00003c (81101224) 365393.66 3766362.00 0.00003c (81011624)
365413.66 3766362.00 0.00003c (81112924) 365433.66 3766362.00 0.00003c (81021024)
365453.66 3766362.00 0.00003c (81020824) 365473.66 3766362.00 0.00004c (81122724)
365493.66 3766362.00 0.00004c (81122224) 365513.66 3766362.00 0.00004c (81122324)
365533.66 3766362.00 0.00004c (81103124) 365553.66 3766362.00 0.00004c (81102924)
365573.66 3766362.00 0.00004c (81102924) 365593.66 3766362.00 0.00004c (81103024)
365613.66 3766362.00 0.00005c (81121124) 365633.66 3766362.00 0.00005c (81101524)
365653.66 3766362.00 0.00005c (81102924) 365673.66 3766362.00 0.00005c (81121124)
365693.66 3766362.00 0.00005c (81121124) 365713.66 3766362.00 0.00005c (81011124)
365733.66 3766362.00 0.00006c (81011124) 365753.66 3766362.00 0.00006c (81011124)
365773.66 3766362.00 0.00006c (81102924) 365793.66 3766362.00 0.00005c (81102924)
365813.66 3766362.00 0.00005c (81102924) 365833.66 3766362.00 0.00005c (81122324)
365853.66 3766362.00 0.00004c (81122324) 365873.66 3766362.00 0.00004c (81013124)
365893.66 3766362.00 0.00004c (81013124) 365913.66 3766362.00 0.00004c (81101824)
365933.66 3766362.00 0.00004c (81013124) 365953.66 3766362.00 0.00004c (81013124)
365973.66 3766362.00 0.00003c (81101724) 365993.66 3766362.00 0.00003c (81101824)
366013.66 3766362.00 0.00003c (81022624) 366033.66 3766362.00 0.00003c (81011124)
366053.66 3766362.00 0.00003c (81011124) 366073.66 3766362.00 0.00003c (81101224)
366093.66 3766362.00 0.00003c (81022624) 366113.66 3766362.00 0.00003c (81022624)
366133.66 3766362.00 0.00003c (81022624) 366153.66 3766362.00 0.00003c (81102924)
366173.66 3766362.00 0.00003c (81022624) 366193.66 3766362.00 0.00003c (81022624)
366213.66 3766362.00 0.00003c (81022624) 366233.66 3766362.00 0.00003c (81022624)
366253.66 3766362.00 0.00003c (81022624) 366273.66 3766362.00 0.00002c (81022624)
366293.66 3766362.00 0.00002c (81011124) 366313.66 3766362.00 0.00002c (81011124)
366333.66 3766362.00 0.00002c (81121124) 366353.66 3766362.00 0.00002c (81121124)
366373.66 3766362.00 0.00002c (81011224) 366393.66 3766362.00 0.00002c (81011224)
366413.66 3766362.00 0.00002c (81102924) 366433.66 3766362.00 0.00002c (81013124)
366453.66 3766362.00 0.00002c (81013124) 366473.66 3766362.00 0.00002c (81013124)
366493.66 3766362.00 0.00002c (81011124) 364713.66 3766382.00 0.00003c (81040624)
364733.66 3766382.00 0.00003c (81060524) 364753.66 3766382.00 0.00004c (81021724)
364773.66 3766382.00 0.00003c (81122424) 364793.66 3766382.00 0.00004c (81012524)
364813.66 3766382.00 0.00004c (81021724) 364833.66 3766382.00 0.00005c (81011824)
364853.66 3766382.00 0.00005c (81112424) 364873.66 3766382.00 0.00005c (81020324)
364893.66 3766382.00 0.00005c (81091624) 364913.66 3766382.00 0.00005c (81091824)
364933.66 3766382.00 0.00005c (81100624) 364953.66 3766382.00 0.00005c (81032924)
364973.66 3766382.00 0.00005c (81081024) 364993.66 3766382.00 0.00005c (81081024)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
365013.66 3766382.00 0.00005c (81081024) 365033.66 3766382.00 0.00005c (81090924)
365053.66 3766382.00 0.00005c (81011924) 365073.66 3766382.00 0.00004c (81051924)
365093.66 3766382.00 0.00004c (81082724) 365113.66 3766382.00 0.00004c (81050224)
365133.66 3766382.00 0.00004c (81081524) 365153.66 3766382.00 0.00004c (81051424)
365173.66 3766382.00 0.00004c (81011924) 365193.66 3766382.00 0.00003c (81102724)
365213.66 3766382.00 0.00003c (81012924) 365233.66 3766382.00 0.00003c (81012924)
365253.66 3766382.00 0.00003c (81031424) 365273.66 3766382.00 0.00003c (81020724)
365293.66 3766382.00 0.00003c (81030224) 365313.66 3766382.00 0.00003c (81012024)
365333.66 3766382.00 0.00003c (81112924) 365353.66 3766382.00 0.00003c (81020924)
365373.66 3766382.00 0.00004c (81040324) 365393.66 3766382.00 0.00004c (81040324)
365413.66 3766382.00 0.00004c (81021024) 365433.66 3766382.00 0.00004c (81040324)
365453.66 3766382.00 0.00004c (81020824) 365473.66 3766382.00 0.00005c (81122724)
365493.66 3766382.00 0.00005c (81030624) 365513.66 3766382.00 0.00005c (81122324)
365533.66 3766382.00 0.00005c (81122024) 365553.66 3766382.00 0.00005c (81103024)
365573.66 3766382.00 0.00005c (81103024) 365593.66 3766382.00 0.00005c (81103024)
365613.66 3766382.00 0.00005c (81011124) 365633.66 3766382.00 0.00006c (81101524)
365653.66 3766382.00 0.00006c (81121124) 365673.66 3766382.00 0.00006c (81121124)
365693.66 3766382.00 0.00006c (81011124) 365713.66 3766382.00 0.00007c (81011124)
365733.66 3766382.00 0.00007c (81011124) 365753.66 3766382.00 0.00007c (81102924)
365773.66 3766382.00 0.00006c (81102924) 365793.66 3766382.00 0.00006c (81102924)
365813.66 3766382.00 0.00005c (81013124) 365833.66 3766382.00 0.00005c (81013124)
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365853.66 3766382.00 0.00005c (81110124) PM25op.POU.txt 365873.66 3766382.00 0.00005c (81122324)
365893.66 3766382.00 0.00004c (81121124) 365913.66 3766382.00 0.00004c (81101824)
365933.66 3766382.00 0.00004c (81101824) 365953.66 3766382.00 0.00004c (81013124)
365973.66 3766382.00 0.00004c (81013124) 365993.66 3766382.00 0.00004c (81022624)
366013.66 3766382.00 0.00003c (81011124) 366033.66 3766382.00 0.00003c (81011124)
366053.66 3766382.00 0.00003c (81120124) 366073.66 3766382.00 0.00003c (81120124)
366093.66 3766382.00 0.00003c (81022624) 366113.66 3766382.00 0.00003c (81022624)
366133.66 3766382.00 0.00003c (81102924) 366153.66 3766382.00 0.00003c (81011224)
366173.66 3766382.00 0.00003c (81110224) 366193.66 3766382.00 0.00003c (81101524)
366213.66 3766382.00 0.00003c (81101524) 366233.66 3766382.00 0.00003c (81101524)
366253.66 3766382.00 0.00003c (81022624) 366273.66 3766382.00 0.00003c (81011124)
366293.66 3766382.00 0.00003c (81011124) 366313.66 3766382.00 0.00003c (81011124)
366333.66 3766382.00 0.00003c (81011124) 366353.66 3766382.00 0.00003c (81121124)
366373.66 3766382.00 0.00002c (81013124) 366393.66 3766382.00 0.00002c (81110224)
366413.66 3766382.00 0.00002c (81102924) 366433.66 3766382.00 0.00002c (81013124)
366453.66 3766382.00 0.00002c (81011124) 366473.66 3766382.00 0.00002c (81011124)
366493.66 3766382.00 0.00002c (81011124) 364713.66 3766402.00 0.00002c (81030424)
364733.66 3766402.00 0.00003c (81122424) 364753.66 3766402.00 0.00003c (81102124)
364773.66 3766402.00 0.00003c (81123024) 364793.66 3766402.00 0.00003c (81041924)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364813.66	3766402.00	0.00004c	(81121024)	364833.66	3766402.00	0.00004c	(81011824)
364853.66	3766402.00	0.00004c	(81011824)	364873.66	3766402.00	0.00004c	(81021824)
364893.66	3766402.00	0.00004c	(81102224)	364913.66	3766402.00	0.00004c	(81101924)
364933.66	3766402.00	0.00004c	(81101924)	364953.66	3766402.00	0.00004c	(81083024)
364973.66	3766402.00	0.00004c	(81081024)	364993.66	3766402.00	0.00004c	(81081024)
365013.66	3766402.00	0.00004c	(81082724)	365033.66	3766402.00	0.00004c	(81062824)
365053.66	3766402.00	0.00004c	(81101124)	365073.66	3766402.00	0.00004c	(81032924)
365093.66	3766402.00	0.00004c	(81080824)	365113.66	3766402.00	0.00004c	(81050224)
365133.66	3766402.00	0.00004c	(81050224)	365153.66	3766402.00	0.00004c	(81081524)
365173.66	3766402.00	0.00004c	(81012924)	365193.66	3766402.00	0.00004c	(81102724)
365213.66	3766402.00	0.00003c	(81092824)	365233.66	3766402.00	0.00003c	(81092824)
365253.66	3766402.00	0.00003c	(81092824)	365273.66	3766402.00	0.00003c	(81122524)
365293.66	3766402.00	0.00003c	(81020724)	365313.66	3766402.00	0.00003c	(81030624)
365333.66	3766402.00	0.00004c	(81011624)	365353.66	3766402.00	0.00004c	(81042824)
365373.66	3766402.00	0.00004c	(81011224)	365393.66	3766402.00	0.00005	(81040324)
365413.66	3766402.00	0.00005c	(81012024)	365433.66	3766402.00	0.00005	(81040324)
365453.66	3766402.00	0.00005c	(81012024)	365473.66	3766402.00	0.00006c	(81122724)
365493.66	3766402.00	0.00006c	(81122024)	365513.66	3766402.00	0.00007c	(81103024)
365533.66	3766402.00	0.00007c	(81103024)	365553.66	3766402.00	0.00007c	(81103024)
365573.66	3766402.00	0.00006c	(81103024)	365593.66	3766402.00	0.00006c	(81103024)
365613.66	3766402.00	0.00007c	(81121124)	365633.66	3766402.00	0.00007c	(81103024)
365653.66	3766402.00	0.00007c	(81121124)	365673.66	3766402.00	0.00008c	(81011124)
365693.66	3766402.00	0.00008c	(81011124)	365713.66	3766402.00	0.00008c	(81011124)
365733.66	3766402.00	0.00008c	(81102924)	365753.66	3766402.00	0.00008c	(81102924)
365773.66	3766402.00	0.00007c	(81102924)	365793.66	3766402.00	0.00007c	(81102924)
365813.66	3766402.00	0.00006c	(81013124)	365833.66	3766402.00	0.00006c	(81022624)
365853.66	3766402.00	0.00005c	(81022624)	365873.66	3766402.00	0.00005c	(81022624)
365893.66	3766402.00	0.00005c	(81110224)	365913.66	3766402.00	0.00005c	(81013124)
365933.66	3766402.00	0.00004c	(81013124)	365953.66	3766402.00	0.00004c	(81013124)
365973.66	3766402.00	0.00004c	(81022624)	365993.66	3766402.00	0.00004c	(81022624)
366013.66	3766402.00	0.00004c	(81011124)	366033.66	3766402.00	0.00004c	(81120124)
366053.66	3766402.00	0.00003c	(81110224)	366073.66	3766402.00	0.00003c	(81120124)
366093.66	3766402.00	0.00003c	(81110224)	366113.66	3766402.00	0.00003c	(81110224)
366133.66	3766402.00	0.00003c	(81102924)	366153.66	3766402.00	0.00003c	(81110224)
366173.66	3766402.00	0.00003c	(81110224)	366193.66	3766402.00	0.00003c	(81101524)
366213.66	3766402.00	0.00003c	(81101524)	366233.66	3766402.00	0.00003c	(81101524)
366253.66	3766402.00	0.00003c	(81101524)	366273.66	3766402.00	0.00003c	(81011124)
366293.66	3766402.00	0.00003c	(81011124)	366313.66	3766402.00	0.00003c	(81011124)
366333.66	3766402.00	0.00003c	(81011124)	366353.66	3766402.00	0.00003c	(81121124)
366373.66	3766402.00	0.00003c	(81110224)	366393.66	3766402.00	0.00003c	(81011124)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366413.66	3766402.00	0.00003c	(81013124)	366433.66	3766402.00	0.00002c	(81011124)
366453.66	3766402.00	0.00002c	(81011124)	366473.66	3766402.00	0.00002c	(81011124)
366493.66	3766402.00	0.00002c	(81011124)	364713.66	3766422.00	0.00002c	(81122424)
364733.66	3766422.00	0.00003c	(81102124)	364753.66	3766422.00	0.00002c	(81122424)
364773.66	3766422.00	0.00003c	(81021424)	364793.66	3766422.00	0.00003c	(81041924)
364813.66	3766422.00	0.00004	(81031524)	364833.66	3766422.00	0.00003c	(81011824)
364853.66	3766422.00	0.00004c	(81011824)	364873.66	3766422.00	0.00004c	(81102224)
364893.66	3766422.00	0.00004c	(81102224)	364913.66	3766422.00	0.00003c	(81091624)
364933.66	3766422.00	0.00004c	(81100624)	364953.66	3766422.00	0.00003c	(81082524)
364973.66	3766422.00	0.00004c	(81021424)	364993.66	3766422.00	0.00004c	(81021924)
365013.66	3766422.00	0.00004c	(81082524)	365033.66	3766422.00	0.00004c	(81102024)
365053.66	3766422.00	0.00004c	(81011924)	365073.66	3766422.00	0.00004c	(81070624)
365093.66	3766422.00	0.00004c	(81102024)	365113.66	3766422.00	0.00003c	(81081524)
365133.66	3766422.00	0.00004c	(81012924)	365153.66	3766422.00	0.00004c	(81080824)
365173.66	3766422.00	0.00003c	(81021124)	365193.66	3766422.00	0.00003c	(81102724)
365213.66	3766422.00	0.00004c	(81092824)	365233.66	3766422.00	0.00004c	(81092824)
365253.66	3766422.00	0.00004c	(81092824)	365273.66	3766422.00	0.00004c	(81100424)
365293.66	3766422.00	0.00004c	(81111024)	365313.66	3766422.00	0.00004c	(81111024)
365333.66	3766422.00	0.00004c	(81100424)	365353.66	3766422.00	0.00004c	(81082024)
365373.66	3766422.00	0.00005	(81030524)	365393.66	3766422.00	0.00005c	(81012024)
365413.66	3766422.00	0.00006c	(81012024)	365433.66	3766422.00	0.00007c	(81112924)
365453.66	3766422.00	0.00007c	(81012024)	365473.66	3766422.00	0.00009c	(81030624)
365493.66	3766422.00	0.00010c	(81011124)	365513.66	3766422.00	0.00010c	(81103124)
365533.66	3766422.00	0.00009c	(81103024)	365553.66	3766422.00	0.00009c	(81103024)
365573.66	3766422.00	0.00009c	(81103024)	365593.66	3766422.00	0.00008c	(81103024)
365613.66	3766422.00	0.00008c	(81103024)	365633.66	3766422.00	0.00009c	(81122324)
365653.66	3766422.00	0.00009c	(81011124)	365673.66	3766422.00	0.00010c	(81011124)

365693.66 3766422.00 0.00010c (81011124) PM25op.POU.txt 365713.66 3766422.00 0.00010c (81102924)
365733.66 3766422.00 0.00010c (81102924) 365753.66 3766422.00 0.00009c (81102924)
365773.66 3766422.00 0.00008c (81102924) 365793.66 3766422.00 0.00008c (81013124)
365813.66 3766422.00 0.00007c (81022624) 365833.66 3766422.00 0.00006c (81022624)
365853.66 3766422.00 0.00006c (81110224) 365873.66 3766422.00 0.00006c (81013124)
365893.66 3766422.00 0.00005c (81013124) 365913.66 3766422.00 0.00005c (81013124)
365933.66 3766422.00 0.00005c (81013124) 365953.66 3766422.00 0.00005c (81013124)
365973.66 3766422.00 0.00004c (81022624) 365993.66 3766422.00 0.00004c (81011124)
366013.66 3766422.00 0.00004c (81011124) 366033.66 3766422.00 0.00004c (81022624)
366053.66 3766422.00 0.00004c (81120124) 366073.66 3766422.00 0.00004c (81120124)
366093.66 3766422.00 0.00004c (81110224) 366113.66 3766422.00 0.00004c (81110224)
366133.66 3766422.00 0.00003c (81011224) 366153.66 3766422.00 0.00003c (81110224)
366173.66 3766422.00 0.00003c (8101524) 366193.66 3766422.00 0.00003c (81101524)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366213.66	3766422.00	0.00003c	(81101524)	366233.66	3766422.00	0.00003c	(81101524)
366253.66	3766422.00	0.00003c	(81101524)	366273.66	3766422.00	0.00003c	(81011124)
366293.66	3766422.00	0.00003c	(81011124)	366313.66	3766422.00	0.00003c	(81011124)
366333.66	3766422.00	0.00003c	(81011124)	366353.66	3766422.00	0.00003c	(81011124)
366373.66	3766422.00	0.00003c	(81011124)	366393.66	3766422.00	0.00003c	(81102924)
366413.66	3766422.00	0.00003c	(81011224)	366433.66	3766422.00	0.00003c	(81011124)
366453.66	3766422.00	0.00002c	(81011124)	366473.66	3766422.00	0.00002c	(81101824)
366493.66	3766422.00	0.00002c	(81101824)	364713.66	3766442.00	0.00002c	(81011324)
364733.66	3766442.00	0.00002c	(81102124)	364753.66	3766442.00	0.00002c	(81011724)
364773.66	3766442.00	0.00002c	(81092924)	364793.66	3766442.00	0.00003c	(81041924)
364813.66	3766442.00	0.00003	(81031524)	364833.66	3766442.00	0.00003c	(81041924)
364853.66	3766442.00	0.00003c	(81010324)	364873.66	3766442.00	0.00003c	(81102224)
364893.66	3766442.00	0.00003c	(81040624)	364913.66	3766442.00	0.00003c	(81021324)
364933.66	3766442.00	0.00003c	(81110824)	364953.66	3766442.00	0.00003c	(81100624)
364973.66	3766442.00	0.00003c	(81082524)	364993.66	3766442.00	0.00003c	(81083024)
365013.66	3766442.00	0.00003c	(81010324)	365033.66	3766442.00	0.00003c	(81032924)
365053.66	3766442.00	0.00003c	(81102024)	365073.66	3766442.00	0.00003c	(81070624)
365093.66	3766442.00	0.00003c	(81082724)	365113.66	3766442.00	0.00003c	(81082724)
365133.66	3766442.00	0.00003c	(81102824)	365153.66	3766442.00	0.00003c	(81102724)
365173.66	3766442.00	0.00003c	(81102724)	365193.66	3766442.00	0.00003c	(81112624)
365213.66	3766442.00	0.00003c	(81112624)	365233.66	3766442.00	0.00003c	(81031424)
365253.66	3766442.00	0.00004c	(81112724)	365273.66	3766442.00	0.00004c	(81112724)
365293.66	3766442.00	0.00004	(81030524)	365313.66	3766442.00	0.00004c	(81100424)
365333.66	3766442.00	0.00005c	(81021124)	365353.66	3766442.00	0.00005c	(81021124)
365373.66	3766442.00	0.00006c	(81111024)	365393.66	3766442.00	0.00007c	(81042824)
365413.66	3766442.00	0.00008c	(81021124)	365433.66	3766442.00	0.00011c	(81112924)
365453.66	3766442.00	0.00012c	(81012024)	365473.66	3766442.00	0.00017	(81040324)
365493.66	3766442.00	0.00018c	(81103124)	365513.66	3766442.00	0.00015c	(81103024)
365533.66	3766442.00	0.00014c	(81103024)	365553.66	3766442.00	0.00013	(81122224)
365573.66	3766442.00	0.00012	(81122224)	365593.66	3766442.00	0.00011c	(81103024)
365613.66	3766442.00	0.00012c	(81103024)	365633.66	3766442.00	0.00012c	(81102924)
365653.66	3766442.00	0.00013c	(81011124)	365673.66	3766442.00	0.00013c	(81102924)
365693.66	3766442.00	0.00013c	(81102924)	365713.66	3766442.00	0.00012c	(81102924)
365733.66	3766442.00	0.00012c	(81102924)	365753.66	3766442.00	0.00011c	(81102924)
365773.66	3766442.00	0.00010c	(81013124)	365793.66	3766442.00	0.00009	(81122224)
365813.66	3766442.00	0.00008c	(81110224)	365833.66	3766442.00	0.00008c	(81013124)
365853.66	3766442.00	0.00007c	(81013124)	365873.66	3766442.00	0.00007c	(81013124)
365893.66	3766442.00	0.00006c	(81013124)	365913.66	3766442.00	0.00006c	(81013124)
365933.66	3766442.00	0.00006c	(81013124)	365953.66	3766442.00	0.00005c	(81013124)
365973.66	3766442.00	0.00005c	(81013124)	365993.66	3766442.00	0.00005c	(81022624)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366013.66	3766442.00	0.00004c	(81011124)	366033.66	3766442.00	0.00004c	(81121124)
366053.66	3766442.00	0.00004c	(81120124)	366073.66	3766442.00	0.00004	(81122224)
366093.66	3766442.00	0.00004c	(81110224)	366113.66	3766442.00	0.00004c	(81110224)
366133.66	3766442.00	0.00004c	(81011224)	366153.66	3766442.00	0.00004c	(81011224)
366173.66	3766442.00	0.00004c	(81101524)	366193.66	3766442.00	0.00004c	(81101524)
366213.66	3766442.00	0.00004c	(81101524)	366233.66	3766442.00	0.00004c	(81101524)
366253.66	3766442.00	0.00003c	(81101524)	366273.66	3766442.00	0.00003c	(81011124)
366293.66	3766442.00	0.00003c	(81011124)	366313.66	3766442.00	0.00003c	(81110224)
366333.66	3766442.00	0.00003c	(81110224)	366353.66	3766442.00	0.00003c	(81011124)
366373.66	3766442.00	0.00003c	(81011124)	366393.66	3766442.00	0.00003c	(81011224)
366413.66	3766442.00	0.00003c	(81011124)	366433.66	3766442.00	0.00003c	(81101824)
366453.66	3766442.00	0.00003c	(81101824)	366473.66	3766442.00	0.00003c	(81101824)
366493.66	3766442.00	0.00002c	(81110724)	364713.66	3766462.00	0.00002c	(81102124)
364733.66	3766462.00	0.00002c	(81012524)	364753.66	3766462.00	0.00002c	(81011724)
364773.66	3766462.00	0.00002c	(81021424)	364793.66	3766462.00	0.00003c	(81121024)
364813.66	3766462.00	0.00003c	(81041924)	364833.66	3766462.00	0.00003c	(81041924)
364853.66	3766462.00	0.00003c	(81011824)	364873.66	3766462.00	0.00003c	(81102224)
364893.66	3766462.00	0.00003c	(81021824)	364913.66	3766462.00	0.00003c	(81021324)
364933.66	3766462.00	0.00003c	(81110824)	364953.66	3766462.00	0.00003c	(81100624)
364973.66	3766462.00	0.00003c	(81011724)	364993.66	3766462.00	0.00003c	(81082524)
365013.66	3766462.00	0.00003c	(81021924)	365033.66	3766462.00	0.00003c	(81011924)
365053.66	3766462.00	0.00003c	(81032924)	365073.66	3766462.00	0.00003c	(81102024)
365093.66	3766462.00	0.00003c	(81010324)	365113.66	3766462.00	0.00003c	(81010324)
365133.66	3766462.00	0.00003c	(81070624)	365153.66	3766462.00	0.00003c	(81102824)
365173.66	3766462.00	0.00003c	(81112624)	365193.66	3766462.00	0.00003c	(81112624)
365213.66	3766462.00	0.00003c	(81061224)	365233.66	3766462.00	0.00004c	(81112724)
365253.66	3766462.00	0.00004c	(81092824)	365273.66	3766462.00	0.00004c	(81101124)
365293.66	3766462.00	0.00004c	(81031424)	365313.66	3766462.00	0.00005c	(81031424)
365333.66	3766462.00	0.00005c	(81092824)	365353.66	3766462.00	0.00006	(81022824)
365373.66	3766462.00	0.00007c	(81031424)	365393.66	3766462.00	0.00008c	(81111024)
365413.66	3766462.00	0.00011c	(81042824)	365433.66	3766462.00	0.00019c	(81012924)
365453.66	3766462.00	0.00020	(81022824)	365473.66	3766462.00	0.00017c	(81112824)
365493.66	3766462.00	0.00026c	(81110124)	365513.66	3766462.00	0.00028	(81122224)

365533.66 3766462.00 0.00024c (81013124) PM25op.POU.txt 365533.66 3766462.00 0.00020c (81122324)
365573.66 3766462.00 0.00018c (81122724) 365593.66 3766462.00 0.00017 (81122224)
365613.66 3766462.00 0.00017c (81122324) 365633.66 3766462.00 0.00018c (81102924)
365653.66 3766462.00 0.00018c (81102924) 365673.66 3766462.00 0.00018c (81102924)
365693.66 3766462.00 0.00016c (81102924) 365713.66 3766462.00 0.00016c (81102924)
365733.66 3766462.00 0.00015c (81102924) 365753.66 3766462.00 0.00013c (81102924)
365773.66 3766462.00 0.00012 (81122224) 365793.66 3766462.00 0.00011c (81102224)
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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365813.66	3766462.00	0.00010c	(81013124)	365833.66	3766462.00	0.00009c	(81013124)
365853.66	3766462.00	0.00008c	(81013124)	365873.66	3766462.00	0.00007c	(81013124)
365893.66	3766462.00	0.00007c	(81013124)	365913.66	3766462.00	0.00007	(81122224)
365933.66	3766462.00	0.00006c	(81013124)	365953.66	3766462.00	0.00006c	(81013124)
365973.66	3766462.00	0.00006c	(81013124)	365993.66	3766462.00	0.00005c	(81120124)
366013.66	3766462.00	0.00005c	(81011124)	366033.66	3766462.00	0.00005c	(81120124)
366053.66	3766462.00	0.00004c	(81110724)	366073.66	3766462.00	0.00005c	(81121124)
366093.66	3766462.00	0.00004c	(81121124)	366113.66	3766462.00	0.00004c	(81110224)
366133.66	3766462.00	0.00004c	(81121124)	366153.66	3766462.00	0.00004c	(81121124)
366173.66	3766462.00	0.00004c	(81011224)	366193.66	3766462.00	0.00004c	(81011224)
366213.66	3766462.00	0.00004c	(81011224)	366233.66	3766462.00	0.00004c	(81101524)
366253.66	3766462.00	0.00004c	(81101524)	366273.66	3766462.00	0.00004c	(81101524)
366293.66	3766462.00	0.00004c	(81110224)	366313.66	3766462.00	0.00004c	(81110224)
366333.66	3766462.00	0.00004c	(81121124)	366353.66	3766462.00	0.00003c	(81101124)
366373.66	3766462.00	0.00003c	(81013124)	366393.66	3766462.00	0.00003c	(81101824)
366413.66	3766462.00	0.00003c	(81011224)	366433.66	3766462.00	0.00003c	(81013124)
366453.66	3766462.00	0.00003c	(81011224)	366473.66	3766462.00	0.00003c	(81101324)
366493.66	3766462.00	0.00003c	(81013124)	364713.66	3766482.00	0.00002c	(81102124)
364733.66	3766482.00	0.00002c	(81041924)	364753.66	3766482.00	0.00002c	(81070424)
364773.66	3766482.00	0.00002c	(81012224)	364793.66	3766482.00	0.00003c	(81012224)
364813.66	3766482.00	0.00002c	(81041924)	364833.66	3766482.00	0.00003c	(81041924)
364853.66	3766482.00	0.00002c	(81041924)	364873.66	3766482.00	0.00002c	(81121724)
364893.66	3766482.00	0.00002c	(81081524)	364913.66	3766482.00	0.00002c	(81021324)
364933.66	3766482.00	0.00002c	(81091824)	364953.66	3766482.00	0.00002c	(81110824)
364973.66	3766482.00	0.00002c	(81100624)	364993.66	3766482.00	0.00003c	(81010324)
365013.66	3766482.00	0.00002c	(81021924)	365033.66	3766482.00	0.00003c	(81062824)
365053.66	3766482.00	0.00003c	(81011924)	365073.66	3766482.00	0.00003c	(81032924)
365093.66	3766482.00	0.00003c	(81032924)	365113.66	3766482.00	0.00003c	(81030124)
365133.66	3766482.00	0.00003c	(81070624)	365153.66	3766482.00	0.00003c	(81121024)
365173.66	3766482.00	0.00003c	(81102824)	365193.66	3766482.00	0.00003c	(81101124)
365213.66	3766482.00	0.00003c	(81101124)	365233.66	3766482.00	0.00004c	(81101124)
365253.66	3766482.00	0.00004c	(81031424)	365273.66	3766482.00	0.00004c	(81031424)
365293.66	3766482.00	0.00005c	(81030224)	365313.66	3766482.00	0.00005c	(81031424)
365333.66	3766482.00	0.00005c	(81012924)	365353.66	3766482.00	0.00006c	(81041924)
365373.66	3766482.00	0.00008c	(81061224)	365393.66	3766482.00	0.00009c	(81030224)
365413.66	3766482.00	0.00012c	(81030224)	365433.66	3766482.00	0.00018c	(81123124)
365453.66	3766482.00	0.00037c	(81030424)	365473.66	3766482.00	0.00025c	(81021124)
365493.66	3766482.00	0.00032c	(81051424)	365513.66	3766482.00	0.00028c	(81011924)
365533.66	3766482.00	0.00027c	(81030624)	365553.66	3766482.00	0.00025c	(81122724)
365573.66	3766482.00	0.00030c	(81113024)	365593.66	3766482.00	0.00030c	(81103024)

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365613.66	3766482.00	0.00032c	(81122324)	365633.66	3766482.00	0.00031c	(81102924)
365653.66	3766482.00	0.00029c	(81102924)	365673.66	3766482.00	0.00026c	(81102924)
365693.66	3766482.00	0.00023c	(81102924)	365713.66	3766482.00	0.00021c	(81102924)
365733.66	3766482.00	0.00020c	(81102924)	365753.66	3766482.00	0.00018c	(81013124)
365773.66	3766482.00	0.00016c	(81110224)	365793.66	3766482.00	0.00014c	(81013124)
365813.66	3766482.00	0.00012c	(81013124)	365833.66	3766482.00	0.00010c	(81013124)
365853.66	3766482.00	0.00009c	(81013124)	365873.66	3766482.00	0.00008c	(81120124)
365893.66	3766482.00	0.00008	(81122224)	365913.66	3766482.00	0.00008	(81122224)
365933.66	3766482.00	0.00007c	(81013124)	365953.66	3766482.00	0.00007c	(81013124)
365973.66	3766482.00	0.00006c	(81013124)	365993.66	3766482.00	0.00006c	(81013124)
366013.66	3766482.00	0.00005c	(81120124)	366033.66	3766482.00	0.00005c	(81103024)
366053.66	3766482.00	0.00005c	(81121124)	366073.66	3766482.00	0.00005c	(81113024)
366093.66	3766482.00	0.00005c	(81110224)	366113.66	3766482.00	0.00005c	(81121124)
366133.66	3766482.00	0.00005c	(81121124)	366153.66	3766482.00	0.00005c	(81121124)
366173.66	3766482.00	0.00005c	(81121124)	366193.66	3766482.00	0.00005c	(81011224)
366213.66	3766482.00	0.00005c	(81011224)	366233.66	3766482.00	0.00004c	(81011224)
366253.66	3766482.00	0.00004c	(81011224)	366273.66	3766482.00	0.00004c	(81110224)
366293.66	3766482.00	0.00004c	(81110224)	366313.66	3766482.00	0.00004c	(81121124)
366333.66	3766482.00	0.00004c	(81011124)	366353.66	3766482.00	0.00004c	(81011124)
366373.66	3766482.00	0.00004c	(81101824)	366393.66	3766482.00	0.00003c	(81011224)
366413.66	3766482.00	0.00003c	(81101324)	366433.66	3766482.00	0.00003c	(81011224)
366453.66	3766482.00	0.00003c	(81013124)	366473.66	3766482.00	0.00003c	(81101324)
366493.66	3766482.00	0.00003c	(81101324)	364713.66	3766502.00	0.00001c	(81102124)
364733.66	3766502.00	0.00002	(81031524)	364753.66	3766502.00	0.00002c	(81021724)
364773.66	3766502.00	0.00002c	(81012224)	364793.66	3766502.00	0.00002c	(81012224)
364813.66	3766502.00	0.00002c	(81041924)	364833.66	3766502.00	0.00002c	(81041924)
364853.66	3766502.00	0.00002c	(81041924)	364873.66	3766502.00	0.00002c	(81121724)
364893.66	3766502.00	0.00002c	(81040624)	364913.66	3766502.00	0.00002c	(81041924)
364933.66	3766502.00	0.00002c	(81112624)	364953.66	3766502.00	0.00002c	(81041924)
364973.66	3766502.00	0.00002c	(81010324)	364993.66	3766502.00	0.00002c	(81083024)
365013.66	3766502.00	0.00002c	(81030124)	365033.66	3766502.00	0.00002c	(81011924)
365053.66	3766502.00	0.00002c	(81011924)	365073.66	3766502.00	0.00002	(81042924)
365093.66	3766502.00	0.00003	(81042924)	365113.66	3766502.00	0.00003c	(81070624)
365133.66	3766502.00	0.00003c	(81070624)	365153.66	3766502.00	0.00003c	(81070624)
365173.66	3766502.00	0.00003c	(81112724)	365193.66	3766502.00	0.00003c	(81121024)
365213.66	3766502.00	0.00003	(81042924)	365233.66	3766502.00	0.00003	(81042924)
365253.66	3766502.00	0.00004c	(81010324)	365273.66	3766502.00	0.00004c	(81031424)
365293.66	3766502.00	0.00004c	(81031424)	365313.66	3766502.00	0.00005c	(81031424)
365333.66	3766502.00	0.00005c	(81092824)	365353.66	3766502.00	0.00006c	(81010324)

365373.66 3766502.00 0.00006c (81010324) PM25op.POU.txt 365393.66 3766502.00 0.00008c (81012724)
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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 164

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365413.66	3766502.00	0.00010c	(81123124)	365433.66	3766502.00	0.00013c	(81030424)
365453.66	3766502.00	0.00018c	(81030424)	365473.66	3766502.00	0.00024c	(81030324)
365493.66	3766502.00	0.00029c	(81030324)	365513.66	3766502.00	0.00033c	(81010324)
365533.66	3766502.00	0.00031c	(81031424)	365553.66	3766502.00	0.00035c	(81031424)
365573.66	3766502.00	0.00030c	(81011924)	365593.66	3766502.00	0.00035c	(81030624)
365613.66	3766502.00	0.00032c	(81122724)	365633.66	3766502.00	0.00035c	(81110224)
365653.66	3766502.00	0.00051c	(81102924)	365673.66	3766502.00	0.00046c	(81102924)
365693.66	3766502.00	0.00039c	(81102924)	365713.66	3766502.00	0.00034c	(81102924)
365733.66	3766502.00	0.00030c	(81102924)	365753.66	3766502.00	0.00025c	(81013124)
365773.66	3766502.00	0.00021c	(81013124)	365793.66	3766502.00	0.00017c	(81013124)
365813.66	3766502.00	0.00014c	(81013124)	365833.66	3766502.00	0.00012c	(81110724)
365853.66	3766502.00	0.00011c	(81110724)	365873.66	3766502.00	0.00010c	(81102924)
365893.66	3766502.00	0.00010c	(81113024)	365913.66	3766502.00	0.00010c	(81110224)
365933.66	3766502.00	0.00009c	(81013124)	365953.66	3766502.00	0.00008c	(81110124)
365973.66	3766502.00	0.00007c	(81011124)	365993.66	3766502.00	0.00007c	(81110124)
366013.66	3766502.00	0.00006c	(81103024)	366033.66	3766502.00	0.00006c	(81110724)
366053.66	3766502.00	0.00006c	(81122224)	366073.66	3766502.00	0.00006c	(81113024)
366093.66	3766502.00	0.00006c	(81113024)	366113.66	3766502.00	0.00006c	(81101524)
366133.66	3766502.00	0.00005c	(81121124)	366153.66	3766502.00	0.00006c	(81121124)
366173.66	3766502.00	0.00005c	(81121124)	366193.66	3766502.00	0.00005c	(81121124)
366213.66	3766502.00	0.00005c	(81121124)	366233.66	3766502.00	0.00005c	(81011224)
366253.66	3766502.00	0.00005c	(81011224)	366273.66	3766502.00	0.00005c	(81011224)
366293.66	3766502.00	0.00005c	(81110224)	366313.66	3766502.00	0.00004c	(81121124)
366333.66	3766502.00	0.00004c	(81011124)	366353.66	3766502.00	0.00004c	(81111124)
366373.66	3766502.00	0.00004c	(81102924)	366393.66	3766502.00	0.00004c	(81011224)
366413.66	3766502.00	0.00003c	(81011224)	366433.66	3766502.00	0.00003c	(81011224)
366453.66	3766502.00	0.00003c	(81110724)	366473.66	3766502.00	0.00003c	(81101324)
366493.66	3766502.00	0.00003c	(81022224)	364713.66	3766522.00	0.00001c	(81112424)
364733.66	3766522.00	0.00002c	(81092924)	364753.66	3766522.00	0.00002c	(81021724)
364773.66	3766522.00	0.00002c	(81121024)	364793.66	3766522.00	0.00002c	(81012224)
364813.66	3766522.00	0.00002c	(81061224)	364833.66	3766522.00	0.00002c	(81041924)
364853.66	3766522.00	0.00002c	(81040624)	364873.66	3766522.00	0.00002c	(81112424)
364893.66	3766522.00	0.00002c	(81011024)	364913.66	3766522.00	0.00002c	(81091624)
364933.66	3766522.00	0.00002c	(81091624)	364953.66	3766522.00	0.00002c	(81112624)
364973.66	3766522.00	0.00002c	(81010324)	364993.66	3766522.00	0.00002c	(81083024)
365013.66	3766522.00	0.00002c	(81021424)	365033.66	3766522.00	0.00002c	(81032824)
365053.66	3766522.00	0.00002c	(81011924)	365073.66	3766522.00	0.00002c	(81042924)
365093.66	3766522.00	0.00002c	(81042924)	365113.66	3766522.00	0.00002c	(81112724)
365133.66	3766522.00	0.00003c	(81112724)	365153.66	3766522.00	0.00003c	(81070624)
365173.66	3766522.00	0.00003c	(81102824)	365193.66	3766522.00	0.00003c	(81102824)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 165

*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365213.66	3766522.00	0.00003c	(81022824)	365233.66	3766522.00	0.00003c	(81010324)
365253.66	3766522.00	0.00003c	(81100124)	365273.66	3766522.00	0.00004c	(81100124)
365293.66	3766522.00	0.00004c	(81100124)	365313.66	3766522.00	0.00004c	(81100124)
365333.66	3766522.00	0.00005c	(81123124)	365353.66	3766522.00	0.00005c	(81123124)
365373.66	3766522.00	0.00006c	(81123124)	365393.66	3766522.00	0.00008c	(81123124)
365413.66	3766522.00	0.00009c	(81061224)	365433.66	3766522.00	0.00010c	(81030424)
365453.66	3766522.00	0.00013c	(81030424)	365473.66	3766522.00	0.00015c	(81030424)
365493.66	3766522.00	0.00018c	(81021424)	365513.66	3766522.00	0.00022c	(81112724)
365533.66	3766522.00	0.00026c	(81092924)	365553.66	3766522.00	0.00033c	(81092924)
365573.66	3766522.00	0.00042c	(81092924)	365593.66	3766522.00	0.00041c	(81123024)
365613.66	3766522.00	0.00040c	(81031424)	365633.66	3766522.00	0.00048c	(81121024)
365653.66	3766522.00	0.00048c	(81030624)	365673.66	3766522.00	0.00045c	(81122524)
365693.66	3766522.00	0.00046c	(81110124)	365713.66	3766522.00	0.00047c	(81103124)
365733.66	3766522.00	0.00052c	(81011124)	365753.66	3766522.00	0.00041c	(81110124)
365773.66	3766522.00	0.00030c	(81011124)	365793.66	3766522.00	0.00023c	(81110724)
365813.66	3766522.00	0.00020c	(81110124)	365833.66	3766522.00	0.00017c	(81110124)
365853.66	3766522.00	0.00015c	(81101524)	365873.66	3766522.00	0.00014c	(81122224)
365893.66	3766522.00	0.00013c	(81113024)	365913.66	3766522.00	0.00013c	(81122224)
365933.66	3766522.00	0.00011c	(81110124)	365953.66	3766522.00	0.00010c	(81011124)
365973.66	3766522.00	0.00009c	(81011124)	365993.66	3766522.00	0.00008c	(81110724)
366013.66	3766522.00	0.00007c	(81110124)	366033.66	3766522.00	0.00007c	(81122724)
366053.66	3766522.00	0.00007c	(81102924)	366073.66	3766522.00	0.00007c	(81113024)
366093.66	3766522.00	0.00007c	(81101524)	366113.66	3766522.00	0.00007c	(81101524)
366133.66	3766522.00	0.00006c	(81121124)	366153.66	3766522.00	0.00006c	(81121124)
366173.66	3766522.00	0.00006c	(81121124)	366193.66	3766522.00	0.00006c	(81121124)
366213.66	3766522.00	0.00006c	(81121124)	366233.66	3766522.00	0.00006c	(81121124)
366253.66	3766522.00	0.00006c	(81121124)	366273.66	3766522.00	0.00005c	(81121124)
366293.66	3766522.00	0.00005c	(81121124)	366313.66	3766522.00	0.00005c	(81011224)
366333.66	3766522.00	0.00005c	(81011124)	366353.66	3766522.00	0.00004c	(81011124)
366373.66	3766522.00	0.00004c	(81011224)	366393.66	3766522.00	0.00004c	(81011224)
366413.66	3766522.00	0.00004c	(81110124)	366433.66	3766522.00	0.00004c	(81110124)
366453.66	3766522.00	0.00003c	(81101324)	366473.66	3766522.00	0.00003c	(81022224)
366493.66	3766522.00	0.00003c	(81022224)	364713.66	3766542.00	0.00001c	(81021724)
364733.66	3766542.00	0.00002c	(81100124)	364753.66	3766542.00	0.00002c	(81030124)
364773.66	3766542.00	0.00002c	(81121724)	364793.66	3766542.00	0.00002c	(81031524)
364813.66	3766542.00	0.00002c	(81041924)	364833.66	3766542.00	0.00002c	(81010324)
364853.66	3766542.00	0.00002c	(81030124)	364873.66	3766542.00	0.00002c	(81112424)
364893.66	3766542.00	0.00002c	(81121024)	364913.66	3766542.00	0.00002c	(81081524)
364933.66	3766542.00	0.00002c	(81122424)	364953.66	3766542.00	0.00002c	(81081524)
364973.66	3766542.00	0.00002c	(81061224)	364993.66	3766542.00	0.00002c	(81010324)

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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 166

PM25op.POU.txt
 *** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
 L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
 L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3				**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365013.66	3766542.00	0.00002c	(81121024)	365033.66	3766542.00	0.00002c	(81011924)
365053.66	3766542.00	0.00002c	(81050224)	365073.66	3766542.00	0.00002c	(81112724)
365093.66	3766542.00	0.00002c	(81112724)	365113.66	3766542.00	0.00002c	(81112724)
365133.66	3766542.00	0.00002c	(81050224)	365153.66	3766542.00	0.00002c	(81041924)
365173.66	3766542.00	0.00003c	(81100124)	365193.66	3766542.00	0.00003c	(81100124)
365213.66	3766542.00	0.00003c	(81010324)	365233.66	3766542.00	0.00003c	(81022824)
365253.66	3766542.00	0.00003c	(81022824)	365273.66	3766542.00	0.00004c	(81022824)
365293.66	3766542.00	0.00004c	(81100124)	365313.66	3766542.00	0.00004c	(81022824)
365333.66	3766542.00	0.00005c	(81012724)	365353.66	3766542.00	0.00005c	(81012724)
365373.66	3766542.00	0.00006c	(81012724)	365393.66	3766542.00	0.00007c	(81061224)
365413.66	3766542.00	0.00007c	(81061224)	365433.66	3766542.00	0.00008c	(81092924)
365453.66	3766542.00	0.00010c	(81030424)	365473.66	3766542.00	0.00011c	(81030424)
365493.66	3766542.00	0.00013c	(81030424)	365513.66	3766542.00	0.00015c	(81030424)
365533.66	3766542.00	0.00018c	(81061224)	365553.66	3766542.00	0.00021c	(81061224)
365573.66	3766542.00	0.00026c	(81112724)	365593.66	3766542.00	0.00033c	(81021424)
365613.66	3766542.00	0.00042c	(81030424)	365633.66	3766542.00	0.00054c	(81082524)
365653.66	3766542.00	0.00058c	(81123024)	365673.66	3766542.00	0.00063c	(81030124)
365693.66	3766542.00	0.00060c	(81052624)	365713.66	3766542.00	0.00059c	(81121924)
365733.66	3766542.00	0.00052c	(81010124)	365753.66	3766542.00	0.00046c	(81030724)
365773.66	3766542.00	0.00040c	(81121424)	365793.66	3766542.00	0.00037c	(81011224)
365813.66	3766542.00	0.00032c	(81121924)	365833.66	3766542.00	0.00026c	(81110224)
365853.66	3766542.00	0.00023c	(81113024)	365873.66	3766542.00	0.00021c	(81011124)
365893.66	3766542.00	0.00020c	(81101524)	365913.66	3766542.00	0.00019c	(81102924)
365933.66	3766542.00	0.00015c	(81110224)	365953.66	3766542.00	0.00012c	(81011124)
365973.66	3766542.00	0.00010c	(81022224)	365993.66	3766542.00	0.00009c	(81113024)
366013.66	3766542.00	0.00009c	(81110124)	366033.66	3766542.00	0.00008c	(81020624)
366053.66	3766542.00	0.00009c	(81102924)	366073.66	3766542.00	0.00008c	(81101524)
366093.66	3766542.00	0.00008c	(81101524)	366113.66	3766542.00	0.00008c	(81101524)
366133.66	3766542.00	0.00008c	(81011124)	366153.66	3766542.00	0.00007c	(81121124)
366173.66	3766542.00	0.00007c	(81121124)	366193.66	3766542.00	0.00007c	(81121124)
366213.66	3766542.00	0.00007c	(81121124)	366233.66	3766542.00	0.00006c	(81121124)
366253.66	3766542.00	0.00006c	(81121124)	366273.66	3766542.00	0.00006c	(81121124)
366293.66	3766542.00	0.00006c	(81121124)	366313.66	3766542.00	0.00006c	(81110224)
366333.66	3766542.00	0.00005c	(81011224)	366353.66	3766542.00	0.00005c	(81101824)
366373.66	3766542.00	0.00005c	(81011224)	366393.66	3766542.00	0.00004c	(81110124)
366413.66	3766542.00	0.00004c	(81110124)	366433.66	3766542.00	0.00004c	(81110724)
366453.66	3766542.00	0.00004c	(81022224)	366473.66	3766542.00	0.00003c	(81022224)
366493.66	3766542.00	0.00003c	(81022224)	364713.66	3766562.00	0.00001c	(81031524)
364733.66	3766562.00	0.00002c	(81100124)	364753.66	3766562.00	0.00001c	(81092924)
364773.66	3766562.00	0.00002c	(81121024)	364793.66	3766562.00	0.00002c	(81030124)

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**MODELOPTS: CONC

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
 L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
 L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3				**			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
364813.66	3766562.00	0.00002c	(81061224)	364833.66	3766562.00	0.00002c	(81061224)
364853.66	3766562.00	0.00002c	(81010324)	364873.66	3766562.00	0.00002c	(81112924)
364893.66	3766562.00	0.00002c	(81112924)	364913.66	3766562.00	0.00002c	(81091624)
364933.66	3766562.00	0.00002c	(81122424)	364953.66	3766562.00	0.00002c	(81030324)
364973.66	3766562.00	0.00002c	(81010324)	364993.66	3766562.00	0.00002c	(81010324)
365013.66	3766562.00	0.00002c	(81032824)	365033.66	3766562.00	0.00002c	(81112724)
365053.66	3766562.00	0.00002c	(81112724)	365073.66	3766562.00	0.00002c	(81032824)
365093.66	3766562.00	0.00002c	(81050224)	365113.66	3766562.00	0.00002c	(81050224)
365133.66	3766562.00	0.00002c	(81100124)	365153.66	3766562.00	0.00003c	(81100124)
365173.66	3766562.00	0.00003c	(81010324)	365193.66	3766562.00	0.00003c	(81010324)
365213.66	3766562.00	0.00003c	(81123124)	365233.66	3766562.00	0.00003c	(81123124)
365253.66	3766562.00	0.00003c	(81100124)	365273.66	3766562.00	0.00003c	(81100124)
365293.66	3766562.00	0.00004c	(81100124)	365313.66	3766562.00	0.00004c	(81012724)
365333.66	3766562.00	0.00005c	(81012724)	365353.66	3766562.00	0.00005c	(81012724)
365373.66	3766562.00	0.00005c	(81061224)	365393.66	3766562.00	0.00006c	(81061224)
365413.66	3766562.00	0.00006c	(81030424)	365433.66	3766562.00	0.00007c	(81092924)
365453.66	3766562.00	0.00008c	(81092924)	365473.66	3766562.00	0.00010c	(81030424)
365493.66	3766562.00	0.00011c	(81030424)	365513.66	3766562.00	0.00012c	(81112724)
365533.66	3766562.00	0.00013c	(81112724)	365553.66	3766562.00	0.00015c	(81012724)
365573.66	3766562.00	0.00018c	(81102124)	365593.66	3766562.00	0.00021c	(81030324)
365613.66	3766562.00	0.00025c	(81030424)	365633.66	3766562.00	0.00030c	(81041524)
365653.66	3766562.00	0.00036c	(81092924)	365673.66	3766562.00	0.00041c	(81041524)
365693.66	3766562.00	0.00050c	(81081024)	365713.66	3766562.00	0.00060c	(81081024)
365733.66	3766562.00	0.00058c	(81051924)	365753.66	3766562.00	0.00056c	(81011924)
365773.66	3766562.00	0.00044c	(81052624)	365793.66	3766562.00	0.00037c	(81092824)
365813.66	3766562.00	0.00034c	(81030224)	365833.66	3766562.00	0.00031c	(81030624)
365853.66	3766562.00	0.00033c	(81122524)	365873.66	3766562.00	0.00026c	(81110924)
365893.66	3766562.00	0.00036c	(81110124)	365913.66	3766562.00	0.00033c	(81102924)
365933.66	3766562.00	0.00022c	(81022224)	365953.66	3766562.00	0.00017c	(81122724)
365973.66	3766562.00	0.00014c	(81110224)	365993.66	3766562.00	0.00013c	(81020624)
366013.66	3766562.00	0.00011c	(81122724)	366033.66	3766562.00	0.00011c	(81101524)
366053.66	3766562.00	0.00011c	(81101524)	366073.66	3766562.00	0.00011c	(81101524)
366093.66	3766562.00	0.00011c	(81011124)	366113.66	3766562.00	0.00010c	(81011124)
366133.66	3766562.00	0.00010c	(81011124)	366153.66	3766562.00	0.00009c	(81011124)
366173.66	3766562.00	0.00009c	(81011124)	366193.66	3766562.00	0.00008c	(81011124)
366213.66	3766562.00	0.00008c	(81011124)	366233.66	3766562.00	0.00007c	(81121124)
366253.66	3766562.00	0.00007c	(81121124)	366273.66	3766562.00	0.00007c	(81121124)
366293.66	3766562.00	0.00007c	(81110224)	366313.66	3766562.00	0.00006c	(81110224)
366333.66	3766562.00	0.00006c	(81122224)	366353.66	3766562.00	0.00005c	(81102924)
366373.66	3766562.00	0.00005c	(81011224)	366393.66	3766562.00	0.00005c	(81110124)

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**MODELOPTS: CONC

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
 L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
 L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5

IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366413.66	3766562.00	0.00005c	(811110124)	366433.66	3766562.00	0.00004c	(81120124)
366453.66	3766562.00	0.00004c	(81022224)	366473.66	3766562.00	0.00004c	(81022224)
366493.66	3766562.00	0.00004c	(81022224)	364713.66	3766582.00	0.00001c	(81031524)
364733.66	3766582.00	0.00001c	(81042924)	364753.66	3766582.00	0.00001c	(81061224)
364773.66	3766582.00	0.00002c	(81121024)	364793.66	3766582.00	0.00002c	(81041924)
364813.66	3766582.00	0.00002c	(81061224)	364833.66	3766582.00	0.00002c	(81061224)
364853.66	3766582.00	0.00002c	(81123124)	364873.66	3766582.00	0.00002c	(81010324)
364893.66	3766582.00	0.00002c	(81121024)	364913.66	3766582.00	0.00002c	(81112924)
364933.66	3766582.00	0.00002c	(81091824)	364953.66	3766582.00	0.00002c	(81021424)
364973.66	3766582.00	0.00002c	(81112724)	364993.66	3766582.00	0.00002c	(81112724)
365013.66	3766582.00	0.00002c	(81101924)	365033.66	3766582.00	0.00002c	(81010324)
365053.66	3766582.00	0.00002c	(81010324)	365073.66	3766582.00	0.00002c	(81010324)
365093.66	3766582.00	0.00002c	(81100124)	365113.66	3766582.00	0.00002c	(81010324)
365133.66	3766582.00	0.00002c	(81010324)	365153.66	3766582.00	0.00002c	(81010324)
365173.66	3766582.00	0.00002c	(81123124)	365193.66	3766582.00	0.00003c	(81100124)
365213.66	3766582.00	0.00003c	(81100124)	365233.66	3766582.00	0.00003c	(81100124)
365253.66	3766582.00	0.00003c	(81100124)	365273.66	3766582.00	0.00003c	(81012724)
365293.66	3766582.00	0.00004c	(81012724)	365313.66	3766582.00	0.00004c	(81012724)
365333.66	3766582.00	0.00004c	(81012724)	365353.66	3766582.00	0.00005c	(81012724)
365373.66	3766582.00	0.00005c	(81061224)	365393.66	3766582.00	0.00005c	(81030424)
365413.66	3766582.00	0.00006c	(81030424)	365433.66	3766582.00	0.00006c	(81012724)
365453.66	3766582.00	0.00007c	(81092924)	365473.66	3766582.00	0.00008c	(81112724)
365493.66	3766582.00	0.00009c	(81030124)	365513.66	3766582.00	0.00009c	(81021424)
365533.66	3766582.00	0.00010c	(81012724)	365553.66	3766582.00	0.00012c	(81102124)
365573.66	3766582.00	0.00014c	(81102124)	365593.66	3766582.00	0.00015c	(81102124)
365613.66	3766582.00	0.00017c	(81030424)	365633.66	3766582.00	0.00020c	(81041524)
365653.66	3766582.00	0.00022c	(81082524)	365673.66	3766582.00	0.00025c	(81041524)
365693.66	3766582.00	0.00028c	(81041924)	365713.66	3766582.00	0.00032c	(81081024)
365733.66	3766582.00	0.00035c	(81121024)	365753.66	3766582.00	0.00039c	(81101124)
365773.66	3766582.00	0.00041c	(81051424)	365793.66	3766582.00	0.00042c	(81022424)
365813.66	3766582.00	0.00040c	(81121024)	365833.66	3766582.00	0.00045c	(81101124)
365853.66	3766582.00	0.00038c	(81032124)	365873.66	3766582.00	0.00038c	(81122524)
365893.66	3766582.00	0.00059c	(81101224)	365913.66	3766582.00	0.00070c	(81121924)
365933.66	3766582.00	0.00032c	(81031324)	365953.66	3766582.00	0.00026c	(81121424)
365973.66	3766582.00	0.00022c	(81113024)	365993.66	3766582.00	0.00019c	(81122724)
366013.66	3766582.00	0.00017c	(81122724)	366033.66	3766582.00	0.00017c	(81101524)
366053.66	3766582.00	0.00017c	(81011124)	366073.66	3766582.00	0.00016c	(81102924)
366093.66	3766582.00	0.00015c	(81102924)	366113.66	3766582.00	0.00014c	(81102924)
366133.66	3766582.00	0.00013c	(81102924)	366153.66	3766582.00	0.00012c	(81102924)
366173.66	3766582.00	0.00011c	(81011124)	366193.66	3766582.00	0.00011c	(81011124)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
 L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
 L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5

IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366213.66	3766582.00	0.00010c	(810111124)	366233.66	3766582.00	0.00009c	(810111124)
366253.66	3766582.00	0.00009c	(810111124)	366273.66	3766582.00	0.00008c	(81122124)
366293.66	3766582.00	0.00008c	(81110224)	366313.66	3766582.00	0.00007c	(81110224)
366333.66	3766582.00	0.00007c	(81101824)	366353.66	3766582.00	0.00006c	(81101324)
366373.66	3766582.00	0.00006c	(81110124)	366393.66	3766582.00	0.00005c	(81101324)
366413.66	3766582.00	0.00005c	(81110124)	366433.66	3766582.00	0.00005c	(81022224)
366453.66	3766582.00	0.00004c	(81121424)	366473.66	3766582.00	0.00004c	(81101824)
366493.66	3766582.00	0.00004c	(81110924)	364713.66	3766602.00	0.00001c	(81031524)
364733.66	3766602.00	0.00001c	(81042924)	364753.66	3766602.00	0.00001c	(81061224)
364773.66	3766602.00	0.00002c	(81061224)	364793.66	3766602.00	0.00002c	(81021424)
364813.66	3766602.00	0.00002c	(81061224)	364833.66	3766602.00	0.00002c	(81061224)
364853.66	3766602.00	0.00002c	(81112424)	364873.66	3766602.00	0.00002c	(81112924)
364893.66	3766602.00	0.00002c	(81102224)	364913.66	3766602.00	0.00002c	(81100124)
364933.66	3766602.00	0.00002c	(81100124)	364953.66	3766602.00	0.00002c	(81112724)
364973.66	3766602.00	0.00002c	(81101924)	364993.66	3766602.00	0.00002c	(81101924)
365013.66	3766602.00	0.00002c	(81101924)	365033.66	3766602.00	0.00002c	(81100124)
365053.66	3766602.00	0.00002c	(81100124)	365073.66	3766602.00	0.00002c	(81032824)
365093.66	3766602.00	0.00002c	(81123124)	365113.66	3766602.00	0.00002c	(81100124)
365133.66	3766602.00	0.00002c	(81100124)	365153.66	3766602.00	0.00002c	(81100124)
365173.66	3766602.00	0.00002c	(81100124)	365193.66	3766602.00	0.00002c	(81100124)
365213.66	3766602.00	0.00003c	(81100124)	365233.66	3766602.00	0.00003c	(81012724)
365253.66	3766602.00	0.00003c	(81012724)	365273.66	3766602.00	0.00003c	(81012724)
365293.66	3766602.00	0.00003c	(81012724)	365313.66	3766602.00	0.00004c	(81012724)
365333.66	3766602.00	0.00004c	(81012724)	365353.66	3766602.00	0.00004c	(81061224)
365373.66	3766602.00	0.00004c	(81030424)	365393.66	3766602.00	0.00005c	(81030424)
365413.66	3766602.00	0.00005c	(81030424)	365433.66	3766602.00	0.00006c	(81112724)
365453.66	3766602.00	0.00006c	(81030124)	365473.66	3766602.00	0.00006c	(81030124)
365493.66	3766602.00	0.00007c	(81030324)	365513.66	3766602.00	0.00008c	(81021424)
365533.66	3766602.00	0.00009c	(81102124)	365553.66	3766602.00	0.00010c	(81102124)
365573.66	3766602.00	0.00011c	(81102124)	365593.66	3766602.00	0.00012c	(81102124)
365613.66	3766602.00	0.00013c	(81041524)	365633.66	3766602.00	0.00014c	(81092924)
365653.66	3766602.00	0.00016c	(81082524)	365673.66	3766602.00	0.00017c	(81041924)
365693.66	3766602.00	0.00018c	(81041924)	365713.66	3766602.00	0.00020c	(81030324)
365733.66	3766602.00	0.00022c	(81082724)	365753.66	3766602.00	0.00023c	(81051924)
365773.66	3766602.00	0.00025c	(81101124)	365793.66	3766602.00	0.00027c	(81102724)
365813.66	3766602.00	0.00027c	(81082724)	365833.66	3766602.00	0.00029c	(81041924)
365853.66	3766602.00	0.00032c	(81082724)	365873.66	3766602.00	0.00035c	(81051924)
365893.66	3766602.00	0.00037c	(81081024)	365913.66	3766602.00	0.00042c	(81090924)
365933.66	3766602.00	0.00036c	(81070124)	365953.66	3766602.00	0.00031c	(81052624)
365973.66	3766602.00	0.00028c	(81032224)	365993.66	3766602.00	0.00025c	(81030224)

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**MODELOPTS: CONC

URBAN FLAT

DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
 L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
 L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5

IN MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366013.66	3766602.00	0.00025c	(81121924)	366033.66	3766602.00	0.00031c	(81102924)

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366053.66 3766602.00 0.00030c (81102924) PM25op.POU.txt 366073.66 3766602.00 0.00026c (81102924)
366093.66 3766602.00 0.00023c (81102924) 366113.66 3766602.00 0.00020c (81102924)
366133.66 3766602.00 0.00018c (81102924) 366153.66 3766602.00 0.00017c (81102924)
366173.66 3766602.00 0.00015c (81102924) 366193.66 3766602.00 0.00014c (81011124)
366213.66 3766602.00 0.00013c (81011124) 366233.66 3766602.00 0.00012c (81011124)
366253.66 3766602.00 0.00011c (81011124) 366273.66 3766602.00 0.00010c (81110224)
366293.66 3766602.00 0.00010c (81110224) 366313.66 3766602.00 0.00009c (81110224)
366333.66 3766602.00 0.00008c (81101824) 366353.66 3766602.00 0.00007c (81110124)
366373.66 3766602.00 0.00007c (81011224) 366393.66 3766602.00 0.00006c (81110724)
366413.66 3766602.00 0.00006c (81121424) 366433.66 3766602.00 0.00005c (81121424)
366453.66 3766602.00 0.00005c (81101824) 366473.66 3766602.00 0.00004c (81110924)
366493.66 3766602.00 0.00004c (81110924) 364713.66 3766622.00 0.00001c (81121424)
364733.66 3766622.00 0.00001c (81092924) 364753.66 3766622.00 0.00001c (81061224)
364773.66 3766622.00 0.00001c (81031524) 364793.66 3766622.00 0.00002c (81061224)
364813.66 3766622.00 0.00002c (81061224) 364833.66 3766622.00 0.00002c (81121724)
364853.66 3766622.00 0.00001c (81092324) 364873.66 3766622.00 0.00002c (81112924)
364893.66 3766622.00 0.00002c (81040624) 364913.66 3766622.00 0.00001c (81092924)
364933.66 3766622.00 0.00002c (81100124) 364953.66 3766622.00 0.00002c (81100124)
364973.66 3766622.00 0.00002c (81100124) 364993.66 3766622.00 0.00002c (81021424)
365013.66 3766622.00 0.00002c (81101924) 365033.66 3766622.00 0.00002c (81101924)
365053.66 3766622.00 0.00002c (81101924) 365073.66 3766622.00 0.00002c (81100124)
365093.66 3766622.00 0.00002c (81100124) 365113.66 3766622.00 0.00002c (81100124)
365133.66 3766622.00 0.00002c (81100124) 365153.66 3766622.00 0.00002c (81100124)
365173.66 3766622.00 0.00002c (81100124) 365193.66 3766622.00 0.00002c (81012724)
365213.66 3766622.00 0.00002c (81012724) 365233.66 3766622.00 0.00003c (81012724)
365253.66 3766622.00 0.00003c (81012724) 365273.66 3766622.00 0.00003c (81012724)
365293.66 3766622.00 0.00003c (81012724) 365313.66 3766622.00 0.00003c (81012724)
365333.66 3766622.00 0.00004c (81012724) 365353.66 3766622.00 0.00004c (81030424)
365373.66 3766622.00 0.00004c (81030424) 365393.66 3766622.00 0.00004c (81030424)
365413.66 3766622.00 0.00005c (81092924) 365433.66 3766622.00 0.00005c (81030124)
365453.66 3766622.00 0.00005c (81030124) 365473.66 3766622.00 0.00005c (81022324)
365493.66 3766622.00 0.00006c (81030324) 365513.66 3766622.00 0.00007c (81102124)
365533.66 3766622.00 0.00008c (81102124) 365553.66 3766622.00 0.00008c (81102124)
365573.66 3766622.00 0.00009c (81102124) 365593.66 3766622.00 0.00009c (81041524)
365613.66 3766622.00 0.00010c (81092924) 365633.66 3766622.00 0.00011c (81112424)
365653.66 3766622.00 0.00012c (81082524) 365673.66 3766622.00 0.00013c (81030324)
365693.66 3766622.00 0.00013c (81030324) 365713.66 3766622.00 0.00014c (81041524)
365733.66 3766622.00 0.00015c (81081024) 365753.66 3766622.00 0.00016c (81021424)
365773.66 3766622.00 0.00017c (81123124) 365793.66 3766622.00 0.00018c (81102724)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

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**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M*3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365813.66	3766622.00	0.00019c	(81102724)	365833.66	3766622.00	0.00019c	(81102724)
365853.66	3766622.00	0.00020c	(81051924)	365873.66	3766622.00	0.00021c	(81050224)
365893.66	3766622.00	0.00022c	(81010324)	365913.66	3766622.00	0.00024c	(81050224)
365933.66	3766622.00	0.00028c	(81051424)	365953.66	3766622.00	0.00029c	(81022424)
365973.66	3766622.00	0.00027c	(81031424)	365993.66	3766622.00	0.00030c	(81022424)
366013.66	3766622.00	0.00030c	(81021124)	366033.66	3766622.00	0.00029c	(81101224)
366053.66	3766622.00	0.00029c	(81122524)	366073.66	3766622.00	0.00034c	(81121924)
366093.66	3766622.00	0.00032c	(81121424)	366113.66	3766622.00	0.00035c	(81110124)
366133.66	3766622.00	0.00030c	(81110124)	366153.66	3766622.00	0.00026c	(81110124)
366173.66	3766622.00	0.00023c	(81122224)	366193.66	3766622.00	0.00020c	(81122224)
366213.66	3766622.00	0.00018c	(81122224)	366233.66	3766622.00	0.00016c	(81011124)
366253.66	3766622.00	0.00015c	(81011124)	366273.66	3766622.00	0.00013c	(81110224)
366293.66	3766622.00	0.00012c	(81110224)	366313.66	3766622.00	0.00011c	(81122224)
366333.66	3766622.00	0.00010c	(81110124)	366353.66	3766622.00	0.00009c	(81101824)
366373.66	3766622.00	0.00008c	(81011224)	366393.66	3766622.00	0.00007c	(81121424)
366413.66	3766622.00	0.00006c	(81101824)	366433.66	3766622.00	0.00006c	(81110924)
366453.66	3766622.00	0.00005c	(81110924)	366473.66	3766622.00	0.00005c	(81110924)
366493.66	3766622.00	0.00005c	(81110924)	364713.66	3766642.00	0.00001c	(81042924)
364733.66	3766642.00	0.00001c	(81061224)	364753.66	3766642.00	0.00001c	(81061224)
364773.66	3766642.00	0.00001c	(81123124)	364793.66	3766642.00	0.00001c	(81121724)
364813.66	3766642.00	0.00001c	(81121724)	364833.66	3766642.00	0.00001c	(81112424)
364853.66	3766642.00	0.00001c	(81092324)	364873.66	3766642.00	0.00001c	(81100124)
364893.66	3766642.00	0.00001c	(81100124)	364913.66	3766642.00	0.00001c	(81112724)
364933.66	3766642.00	0.00001c	(81061224)	364953.66	3766642.00	0.00002c	(81061224)
364973.66	3766642.00	0.00002c	(81100124)	364993.66	3766642.00	0.00002c	(81101924)
365013.66	3766642.00	0.00002c	(81061224)	365033.66	3766642.00	0.00002c	(81061224)
365053.66	3766642.00	0.00002c	(81061224)	365073.66	3766642.00	0.00002c	(81101924)
365093.66	3766642.00	0.00002c	(81101924)	365113.66	3766642.00	0.00002c	(81101924)
365133.66	3766642.00	0.00002c	(81101924)	365153.66	3766642.00	0.00002c	(81022324)
365173.66	3766642.00	0.00002c	(81012724)	365193.66	3766642.00	0.00002c	(81012724)
365213.66	3766642.00	0.00002c	(81012724)	365233.66	3766642.00	0.00003c	(81012724)
365253.66	3766642.00	0.00003c	(81012724)	365273.66	3766642.00	0.00003c	(81012724)
365293.66	3766642.00	0.00003c	(81012724)	365313.66	3766642.00	0.00003c	(81061224)
365333.66	3766642.00	0.00003c	(81030424)	365353.66	3766642.00	0.00004c	(81112724)
365373.66	3766642.00	0.00004c	(81112724)	365393.66	3766642.00	0.00004c	(81092924)
365413.66	3766642.00	0.00004c	(81030124)	365433.66	3766642.00	0.00004c	(81030124)
365453.66	3766642.00	0.00004c	(81102124)	365473.66	3766642.00	0.00005c	(81102124)
365493.66	3766642.00	0.00005c	(81102124)	365513.66	3766642.00	0.00006c	(81030324)
365533.66	3766642.00	0.00007c	(81102124)	365553.66	3766642.00	0.00007c	(81092924)
365573.66	3766642.00	0.00007c	(81102124)	365593.66	3766642.00	0.00008c	(81112424)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M*3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
365613.66	3766642.00	0.00008c	(81030324)	365633.66	3766642.00	0.00009c	(81112424)
365653.66	3766642.00	0.00009c	(81112424)	365673.66	3766642.00	0.00010c	(81082524)
365693.66	3766642.00	0.00010c	(81082524)	365713.66	3766642.00	0.00011c	(81032924)
365733.66	3766642.00	0.00012c	(81123124)	365753.66	3766642.00	0.00012c	(81082724)
365773.66	3766642.00	0.00013c	(81021424)	365793.66	3766642.00	0.00013c	(81061124)
365813.66	3766642.00	0.00014c	(81101124)	365833.66	3766642.00	0.00014c	(81102724)
365853.66	3766642.00	0.00014c	(81050224)	365873.66	3766642.00	0.00015c	(81050224)

```

365893.66 3766642.00 0.00015c (81082724) PM25op.POU.txt 365913.66 3766642.00 0.00016c (81082524)
365933.66 3766642.00 0.00018c (81050224) 365953.66 3766642.00 0.00019c (81030124)
365973.66 3766642.00 0.00022c (81092324) 365993.66 3766642.00 0.00027c (81092924)
366013.66 3766642.00 0.00034c (81121024) 366033.66 3766642.00 0.00037c (81112724)
366053.66 3766642.00 0.00045c (81011924) 366073.66 3766642.00 0.00042c (81021124)
366093.66 3766642.00 0.00042c (81032124) 366113.66 3766642.00 0.00039c (81112524)
366133.66 3766642.00 0.00034c (81021124) 366153.66 3766642.00 0.00029c (81121424)
366173.66 3766642.00 0.00036c (81011124) 366193.66 3766642.00 0.00035c (81110224)
366213.66 3766642.00 0.00030c (81110124) 366233.66 3766642.00 0.00025c (81110224)
366253.66 3766642.00 0.00022 (81122224) 366273.66 3766642.00 0.00019c (81110224)
366293.66 3766642.00 0.00017c (81110224) 366313.66 3766642.00 0.00015c (81101824)
366333.66 3766642.00 0.00013c (81101824) 366353.66 3766642.00 0.00011c (81101824)
366373.66 3766642.00 0.00010c (81101824) 366393.66 3766642.00 0.00008c (81101824)
366413.66 3766642.00 0.00007c (81110924) 366433.66 3766642.00 0.00007c (81110924)
366453.66 3766642.00 0.00006c (81110724) 366473.66 3766642.00 0.00006c (81110724)
366493.66 3766642.00 0.00006c (81110724) 364713.66 3766662.00 0.00001c (81092924)
364733.66 3766662.00 0.00001c (81112424) 364753.66 3766662.00 0.00001c (81061224)
364773.66 3766662.00 0.00001c (81112424) 364793.66 3766662.00 0.00001c (81121024)
364813.66 3766662.00 0.00001c (81121724) 364833.66 3766662.00 0.00001c (81100124)
364853.66 3766662.00 0.00001c (81061224) 364873.66 3766662.00 0.00001c (81100124)
364893.66 3766662.00 0.00001c (81100124) 364913.66 3766662.00 0.00001c (81112724)
364933.66 3766662.00 0.00001 (81042124) 364953.66 3766662.00 0.00001 (81042124)
364973.66 3766662.00 0.00001c (81030324) 364993.66 3766662.00 0.00002c (81061224)
365013.66 3766662.00 0.00002c (81061224) 365033.66 3766662.00 0.00002c (81061224)
365053.66 3766662.00 0.00002c (81061224) 365073.66 3766662.00 0.00002c (81061224)
365093.66 3766662.00 0.00002c (81061224) 365113.66 3766662.00 0.00002c (81101924)
365133.66 3766662.00 0.00002c (81022324) 365153.66 3766662.00 0.00002c (81022324)
365173.66 3766662.00 0.00002c (81012724) 365193.66 3766662.00 0.00002c (81012724)
365213.66 3766662.00 0.00002c (81012724) 365233.66 3766662.00 0.00003c (81012724)
365253.66 3766662.00 0.00003c (81012724) 365273.66 3766662.00 0.00003c (81012724)
365293.66 3766662.00 0.00003c (81061224) 365313.66 3766662.00 0.00003c (81112724)
365333.66 3766662.00 0.00003c (81112724) 365353.66 3766662.00 0.00003c (81092924)
365373.66 3766662.00 0.00003c (81092924) 365393.66 3766662.00 0.00004c (81030124)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 173
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
365413.66 3766662.00 0.00004c (81102124) 365433.66 3766662.00 0.00004c (81102124)
365453.66 3766662.00 0.00004c (81102124) 365473.66 3766662.00 0.00004c (81030324)
365493.66 3766662.00 0.00005c (81030324) 365513.66 3766662.00 0.00005c (81030324)
365533.66 3766662.00 0.00006c (81092924) 365553.66 3766662.00 0.00006c (81092924)
365573.66 3766662.00 0.00006c (81112424) 365593.66 3766662.00 0.00007c (81092924)
365613.66 3766662.00 0.00007c (81030324) 365633.66 3766662.00 0.00007c (81112424)
365653.66 3766662.00 0.00008c (81112424) 365673.66 3766662.00 0.00008c (81040624)
365693.66 3766662.00 0.00008c (81040624) 365713.66 3766662.00 0.00009c (81082524)
365733.66 3766662.00 0.00009c (81123124) 365753.66 3766662.00 0.00009c (81081024)
365773.66 3766662.00 0.00010c (81082724) 365793.66 3766662.00 0.00010c (81123124)
365813.66 3766662.00 0.00011c (81123124) 365833.66 3766662.00 0.00011c (81032924)
365853.66 3766662.00 0.00012c (81081024) 365873.66 3766662.00 0.00012c (81081024)
365893.66 3766662.00 0.00012c (81081024) 365913.66 3766662.00 0.00012c (81102724)
365933.66 3766662.00 0.00013c (81022424) 365953.66 3766662.00 0.00014c (81092324)
365973.66 3766662.00 0.00015c (81030124) 365993.66 3766662.00 0.00017c (81022424)
366013.66 3766662.00 0.00020c (81011324) 366033.66 3766662.00 0.00024c (81082524)
366053.66 3766662.00 0.00030c (81030324) 366073.66 3766662.00 0.00036c (81030324)
366093.66 3766662.00 0.00041c (81021424) 366113.66 3766662.00 0.00041c (81010324)
366133.66 3766662.00 0.00036c (81112724) 366153.66 3766662.00 0.00038c (81032224)
366173.66 3766662.00 0.00036c (81092824) 366193.66 3766662.00 0.00030c (81030224)
366213.66 3766662.00 0.00037c (81021024) 366233.66 3766662.00 0.00035c (81110224)
366253.66 3766662.00 0.00036c (81121924) 366273.66 3766662.00 0.00033c (81110124)
366293.66 3766662.00 0.00028c (81101824) 366313.66 3766662.00 0.00023c (81101824)
366333.66 3766662.00 0.00018c (81101824) 366353.66 3766662.00 0.00015c (81101824)
366373.66 3766662.00 0.00012c (81101824) 366393.66 3766662.00 0.00010c (81110924)
366413.66 3766662.00 0.00009c (81110924) 366433.66 3766662.00 0.00008c (81010624)
366453.66 3766662.00 0.00008c (81110924) 366473.66 3766662.00 0.00007c (81110924)
366493.66 3766662.00 0.00007c (81110924) 364713.66 3766682.00 0.00001c (81092924)
364733.66 3766682.00 0.00001c (81061224) 364753.66 3766682.00 0.00001c (81112424)
364773.66 3766682.00 0.00001c (81100124) 364793.66 3766682.00 0.00001c (81100124)
364813.66 3766682.00 0.00001c (81100124) 364833.66 3766682.00 0.00001c (81100124)
364853.66 3766682.00 0.00001c (81022324) 364873.66 3766682.00 0.00001c (81112724)
364893.66 3766682.00 0.00001c (81040624) 364913.66 3766682.00 0.00001c (81030324)
364933.66 3766682.00 0.00001c (81112924) 364953.66 3766682.00 0.00001 (81042124)
364973.66 3766682.00 0.00001 (81042124) 364993.66 3766682.00 0.00001 (81042124)
365013.66 3766682.00 0.00001c (81061224) 365033.66 3766682.00 0.00001c (81032324)
365053.66 3766682.00 0.00002c (81032324) 365073.66 3766682.00 0.00002c (81032324)
365093.66 3766682.00 0.00002c (81032324) 365113.66 3766682.00 0.00002c (81012724)
365133.66 3766682.00 0.00002c (81022324) 365153.66 3766682.00 0.00002c (81022324)
365173.66 3766682.00 0.00002c (81022324) 365193.66 3766682.00 0.00002c (81022324)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***
***
**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 174
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,
*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
365213.66 3766682.00 0.00002c (81022324) 365233.66 3766682.00 0.00002c (81092924)
365253.66 3766682.00 0.00002c (81092924) 365273.66 3766682.00 0.00003c (81092924)
365293.66 3766682.00 0.00003c (81092924) 365313.66 3766682.00 0.00003c (81092924)
365333.66 3766682.00 0.00003c (81092924) 365353.66 3766682.00 0.00003c (81030124)
365373.66 3766682.00 0.00003c (81102124) 365393.66 3766682.00 0.00003c (81102124)
365413.66 3766682.00 0.00004c (81102124) 365433.66 3766682.00 0.00004c (81102124)
365453.66 3766682.00 0.00004c (81012724) 365473.66 3766682.00 0.00004c (81030324)
365493.66 3766682.00 0.00004c (81030324) 365513.66 3766682.00 0.00005c (81030324)
365533.66 3766682.00 0.00005c (81030324) 365553.66 3766682.00 0.00005c (81030324)
365573.66 3766682.00 0.00005c (81030424) 365593.66 3766682.00 0.00006c (81030324)
365613.66 3766682.00 0.00006c (81030324) 365633.66 3766682.00 0.00006c (81112424)
365653.66 3766682.00 0.00006c (81040624) 365673.66 3766682.00 0.00007c (81040624)
365693.66 3766682.00 0.00007c (81040624) 365713.66 3766682.00 0.00007c (81040624)
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365733.66 3766682.00 0.00008c (81032924) PM25op.POU.txt 365733.66 3766682.00 0.00008c (81030324)
365773.66 3766682.00 0.00008c (81081024) 365793.66 3766682.00 0.00009c (81081024)
365813.66 3766682.00 0.00009c (81081024) 365833.66 3766682.00 0.00009c (81081024)
365853.66 3766682.00 0.00009c (81032924) 365873.66 3766682.00 0.00010c (81041924)
365893.66 3766682.00 0.00010c (81101124) 365913.66 3766682.00 0.00010c (81081024)
365933.66 3766682.00 0.00010c (81022424) 365953.66 3766682.00 0.00011c (81011324)
365973.66 3766682.00 0.00012c (81022424) 365993.66 3766682.00 0.00013c (81029224)
366013.66 3766682.00 0.00014c (81092324) 366033.66 3766682.00 0.00016c (81082524)
366053.66 3766682.00 0.00018c (81011324) 366073.66 3766682.00 0.00021c (81030324)
366093.66 3766682.00 0.00024c (81030324) 366113.66 3766682.00 0.00027c (81011324)
366133.66 3766682.00 0.00032c (81021424) 366153.66 3766682.00 0.00037c (81021424)
366173.66 3766682.00 0.00042c (81022424) 366193.66 3766682.00 0.00042c (81051424)
366213.66 3766682.00 0.00040c (81092824) 366233.66 3766682.00 0.00040c (81021124)
366253.66 3766682.00 0.00038c (81012624) 366273.66 3766682.00 0.00034c (81031324)
366293.66 3766682.00 0.00030c (81032624) 366313.66 3766682.00 0.00031c (81031324)
366333.66 3766682.00 0.00028c (81031324) 366353.66 3766682.00 0.00022c (81121924)
366373.66 3766682.00 0.00018c (81110224) 366393.66 3766682.00 0.00015c (81103024)
366413.66 3766682.00 0.00013c (81101824) 366433.66 3766682.00 0.00011c (81101824)
366453.66 3766682.00 0.00010c (81102924) 366473.66 3766682.00 0.00009c (81101624)
366493.66 3766682.00 0.00009c (81102924) 364713.66 3766702.00 0.00001c (81112724)
364733.66 3766702.00 0.00001c (81061224) 364753.66 3766702.00 0.00001c (81021424)
364773.66 3766702.00 0.00001c (81021424) 364793.66 3766702.00 0.00001c (81021424)
364813.66 3766702.00 0.00001c (81092324) 364833.66 3766702.00 0.00001c (81100124)
364853.66 3766702.00 0.00001c (81092324) 364873.66 3766702.00 0.00001c (81040624)
364893.66 3766702.00 0.00001c (81040624) 364913.66 3766702.00 0.00001c (81030324)
364933.66 3766702.00 0.00001c (81112924) 364953.66 3766702.00 0.00001c (81042124)
364973.66 3766702.00 0.00001c (81042124) 364993.66 3766702.00 0.00001c (81042124)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 175
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
365013.66 3766702.00 0.00001c (81042124) 365033.66 3766702.00 0.00001c (81032324)
365053.66 3766702.00 0.00002c (81032324) 365073.66 3766702.00 0.00002c (81032324)
365093.66 3766702.00 0.00002c (81032324) 365113.66 3766702.00 0.00002c (81101924)
365133.66 3766702.00 0.00002c (81022324) 365153.66 3766702.00 0.00002c (81022324)
365173.66 3766702.00 0.00002c (81022324) 365193.66 3766702.00 0.00002c (81112724)
365213.66 3766702.00 0.00002c (81092924) 365233.66 3766702.00 0.00002c (81022324)
365253.66 3766702.00 0.00002c (81030424) 365273.66 3766702.00 0.00002c (81030424)
365293.66 3766702.00 0.00003c (81030124) 365313.66 3766702.00 0.00003c (81011324)
365333.66 3766702.00 0.00003c (81041924) 365353.66 3766702.00 0.00003c (81011324)
365373.66 3766702.00 0.00003c (81102124) 365393.66 3766702.00 0.00003c (81012724)
365413.66 3766702.00 0.00003c (81012724) 365433.66 3766702.00 0.00003c (81012724)
365453.66 3766702.00 0.00003c (81030324) 365473.66 3766702.00 0.00004c (81030324)
365493.66 3766702.00 0.00004c (81030324) 365513.66 3766702.00 0.00004c (81092924)
365533.66 3766702.00 0.00004c (81030324) 365553.66 3766702.00 0.00004c (81102124)
365573.66 3766702.00 0.00005c (81030324) 365593.66 3766702.00 0.00005c (81030324)
365613.66 3766702.00 0.00005c (81030324) 365633.66 3766702.00 0.00005c (81040624)
365653.66 3766702.00 0.00006c (81040624) 365673.66 3766702.00 0.00006c (81040624)
365693.66 3766702.00 0.00006c (81040624) 365713.66 3766702.00 0.00006c (81041924)
365733.66 3766702.00 0.00006c (81082524) 365753.66 3766702.00 0.00007c (81030324)
365773.66 3766702.00 0.00007c (81070724) 365793.66 3766702.00 0.00007c (81081024)
365813.66 3766702.00 0.00007c (81082724) 365833.66 3766702.00 0.00008c (81081024)
365853.66 3766702.00 0.00008c (81082524) 365873.66 3766702.00 0.00008c (81032924)
365893.66 3766702.00 0.00008c (81050224) 365913.66 3766702.00 0.00008c (81082724)
365933.66 3766702.00 0.00008c (81082524) 365953.66 3766702.00 0.00009c (81102724)
365973.66 3766702.00 0.00009c (81101124) 365993.66 3766702.00 0.00010c (81092924)
366013.66 3766702.00 0.00011c (81030324) 366033.66 3766702.00 0.00012c (81082524)
366053.66 3766702.00 0.00013c (81011324) 366073.66 3766702.00 0.00014c (81030324)
366093.66 3766702.00 0.00016c (81030324) 366113.66 3766702.00 0.00017c (81030324)
366133.66 3766702.00 0.00020c (81081024) 366153.66 3766702.00 0.00022c (81011324)
366173.66 3766702.00 0.00025c (81011324) 366193.66 3766702.00 0.00028c (81011324)
366213.66 3766702.00 0.00033c (81121024) 366233.66 3766702.00 0.00039c (81011324)
366253.66 3766702.00 0.00043c (81041924) 366273.66 3766702.00 0.00042c (81051924)
366293.66 3766702.00 0.00037c (81081424) 366313.66 3766702.00 0.00037c (81032224)
366333.66 3766702.00 0.00034c (81030724) 366353.66 3766702.00 0.00028c (81031324)
366373.66 3766702.00 0.00022c (81030724) 366393.66 3766702.00 0.00019c (81122524)
366413.66 3766702.00 0.00020c (81101824) 366433.66 3766702.00 0.00018c (81121924)
366453.66 3766702.00 0.00015c (81010624) 366473.66 3766702.00 0.00014 (81122224)
366493.66 3766702.00 0.00012c (81110224) 364713.66 3766722.00 0.00001 (81031524)
364733.66 3766722.00 0.00001c (81061224) 364753.66 3766722.00 0.00001c (81112724)
364773.66 3766722.00 0.00001c (81021424) 364793.66 3766722.00 0.00001c (81112724)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

***MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 176
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
364813.66 3766722.00 0.00001c (81112724) 364833.66 3766722.00 0.00001c (81061224)
364853.66 3766722.00 0.00001c (81092324) 364873.66 3766722.00 0.00001c (81022324)
364893.66 3766722.00 0.00001c (81022324) 364913.66 3766722.00 0.00001c (81030324)
364933.66 3766722.00 0.00001c (81030324) 364953.66 3766722.00 0.00001c (81112924)
364973.66 3766722.00 0.00001 (81042124) 364993.66 3766722.00 0.00001 (81042124)
365013.66 3766722.00 0.00001 (81042124) 365033.66 3766722.00 0.00001c (81032324)
365053.66 3766722.00 0.00002c (81032324) 365073.66 3766722.00 0.00002c (81032324)
365093.66 3766722.00 0.00002c (81032324) 365113.66 3766722.00 0.00002c (81032324)
365133.66 3766722.00 0.00002c (81022324) 365153.66 3766722.00 0.00002c (81112724)
365173.66 3766722.00 0.00002c (81092924) 365193.66 3766722.00 0.00002c (81092924)
365213.66 3766722.00 0.00002c (81030124) 365233.66 3766722.00 0.00002c (81030424)
365253.66 3766722.00 0.00002c (81041924) 365273.66 3766722.00 0.00002c (81041924)
365293.66 3766722.00 0.00002c (81022324) 365313.66 3766722.00 0.00002c (81102124)
365333.66 3766722.00 0.00003c (81102124) 365353.66 3766722.00 0.00003c (81011324)
365373.66 3766722.00 0.00003c (81011324) 365393.66 3766722.00 0.00003c (81012724)
365413.66 3766722.00 0.00003c (81012724) 365433.66 3766722.00 0.00003c (81030324)
365453.66 3766722.00 0.00003c (81030324) 365473.66 3766722.00 0.00003c (81030324)
365493.66 3766722.00 0.00003c (81092924) 365513.66 3766722.00 0.00004c (81092924)
365533.66 3766722.00 0.00004c (81030424) 365553.66 3766722.00 0.00004c (81102124)

365573.66 3766722.00 0.00004c (81112424) PM25op.POU.txt 365593.66 3766722.00 0.00004c (81030324)

365613.66 3766722.00 0.00005c (81030324) 365633.66 3766722.00 0.00005c (81040624)

365653.66 3766722.00 0.00005c (81040624) 365673.66 3766722.00 0.00005c (81040624)

365693.66 3766722.00 0.00005c (81040624) 365713.66 3766722.00 0.00006c (81041524)

365733.66 3766722.00 0.00006c (81040624) 365753.66 3766722.00 0.00006c (81030324)

365773.66 3766722.00 0.00006c (81041924) 365793.66 3766722.00 0.00006c (81070724)

365813.66 3766722.00 0.00006c (81070724) 365833.66 3766722.00 0.00006c (81082724)

365853.66 3766722.00 0.00007c (81081024) 365873.66 3766722.00 0.00007c (81081024)

365893.66 3766722.00 0.00007c (81102724) 365913.66 3766722.00 0.00007c (81041924)

365933.66 3766722.00 0.00007c (81101124) 365953.66 3766722.00 0.00008c (81101124)

365973.66 3766722.00 0.00008c (81092324) 365993.66 3766722.00 0.00008c (81102724)

366013.66 3766722.00 0.00009c (81021424) 366033.66 3766722.00 0.00010c (81030324)

366053.66 3766722.00 0.00010c (81011324) 366073.66 3766722.00 0.00011c (81030324)

366093.66 3766722.00 0.00012c (81030324) 366113.66 3766722.00 0.00013c (81030324)

366133.66 3766722.00 0.00014c (81081024) 366153.66 3766722.00 0.00015c (81041924)

366173.66 3766722.00 0.00016c (81041924) 366193.66 3766722.00 0.00018c (81050224)

366213.66 3766722.00 0.00020c (81050224) 366233.66 3766722.00 0.00022c (81050224)

366253.66 3766722.00 0.00025c (81082724) 366273.66 3766722.00 0.00027c (81021424)

366293.66 3766722.00 0.00032c (81121024) 366313.66 3766722.00 0.00035c (81082724)

366333.66 3766722.00 0.00032c (81050224) 366353.66 3766722.00 0.00024c (81081024)

366373.66 3766722.00 0.00023c (81052624) 366393.66 3766722.00 0.00021c (81092824)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,

L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,

L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366413.66	3766722.00	0.00019c	(81122924)	366433.66	3766722.00	0.00018c	(81121024)
366453.66	3766722.00	0.00021c	(81122524)	366473.66	3766722.00	0.00017c	(81112524)
366493.66	3766722.00	0.00015c	(81012624)	364713.66	3766742.00	0.00001c	(81122824)
364733.66	3766742.00	0.00001c	(81061224)	364753.66	3766742.00	0.00001c	(81112724)
364773.66	3766742.00	0.00001c	(81100124)	364793.66	3766742.00	0.00001c	(81022324)
364813.66	3766742.00	0.00001c	(81112724)	364833.66	3766742.00	0.00001c	(81092324)
364853.66	3766742.00	0.00001c	(81112924)	364873.66	3766742.00	0.00001c	(81022324)
364893.66	3766742.00	0.00001c	(81022324)	364913.66	3766742.00	0.00001c	(81030324)
364933.66	3766742.00	0.00001c	(81030324)	364953.66	3766742.00	0.00001c	(81112924)
364973.66	3766742.00	0.00001c	(81042124)	364993.66	3766742.00	0.00001c	(81042124)
365013.66	3766742.00	0.00001c	(81012724)	365033.66	3766742.00	0.00001c	(81032324)
365053.66	3766742.00	0.00001c	(81032324)	365073.66	3766742.00	0.00002c	(81032324)
365093.66	3766742.00	0.00002c	(81101924)	365113.66	3766742.00	0.00002c	(81112724)
365133.66	3766742.00	0.00002c	(81032324)	365153.66	3766742.00	0.00002c	(81092924)
365173.66	3766742.00	0.00002c	(81030424)	365193.66	3766742.00	0.00002c	(81030424)
365213.66	3766742.00	0.00002c	(81041924)	365233.66	3766742.00	0.00002c	(81041924)
365253.66	3766742.00	0.00002c	(81011324)	365273.66	3766742.00	0.00002c	(81022324)
365293.66	3766742.00	0.00002c	(81022324)	365313.66	3766742.00	0.00002c	(81102124)
365333.66	3766742.00	0.00002c	(81012724)	365353.66	3766742.00	0.00002c	(81012724)
365373.66	3766742.00	0.00003c	(81041924)	365393.66	3766742.00	0.00003c	(81011324)
365413.66	3766742.00	0.00003c	(81030324)	365433.66	3766742.00	0.00003c	(81030324)
365453.66	3766742.00	0.00003c	(81030324)	365473.66	3766742.00	0.00003c	(81092924)
365493.66	3766742.00	0.00003c	(81092924)	365513.66	3766742.00	0.00003c	(81021424)
365533.66	3766742.00	0.00003c	(81030424)	365553.66	3766742.00	0.00003c	(81112424)
365573.66	3766742.00	0.00004c	(81112424)	365593.66	3766742.00	0.00004c	(81112424)
365613.66	3766742.00	0.00004c	(81112424)	365633.66	3766742.00	0.00004c	(81040624)
365653.66	3766742.00	0.00005c	(81040624)	365673.66	3766742.00	0.00005c	(81040624)
365693.66	3766742.00	0.00005c	(81041524)	365713.66	3766742.00	0.00005c	(81041524)
365733.66	3766742.00	0.00005c	(81030324)	365753.66	3766742.00	0.00005c	(81030324)
365773.66	3766742.00	0.00005c	(81041924)	365793.66	3766742.00	0.00005c	(81070724)
365813.66	3766742.00	0.00005c	(81070724)	365833.66	3766742.00	0.00006c	(81070724)
365853.66	3766742.00	0.00006c	(81082724)	365873.66	3766742.00	0.00006c	(81021424)
365893.66	3766742.00	0.00006c	(81082524)	365913.66	3766742.00	0.00006c	(81082724)
365933.66	3766742.00	0.00007c	(81011324)	365953.66	3766742.00	0.00007c	(81082724)
365973.66	3766742.00	0.00007c	(81092324)	365993.66	3766742.00	0.00007c	(81021424)
366013.66	3766742.00	0.00007c	(81092324)	366033.66	3766742.00	0.00008c	(81030324)
366053.66	3766742.00	0.00008c	(81030324)	366073.66	3766742.00	0.00009c	(81030324)
366093.66	3766742.00	0.00009c	(81030324)	366113.66	3766742.00	0.00010c	(81030324)
366133.66	3766742.00	0.00010c	(81030324)	366153.66	3766742.00	0.00011c	(81030324)
366173.66	3766742.00	0.00012c	(81050224)	366193.66	3766742.00	0.00013c	(81050224)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,

L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,

L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366213.66	3766742.00	0.00014c	(81011324)	366233.66	3766742.00	0.00015c	(81082724)
366253.66	3766742.00	0.00016c	(81051924)	366273.66	3766742.00	0.00017c	(81021424)
366293.66	3766742.00	0.00018c	(81051424)	366313.66	3766742.00	0.00020c	(81051424)
366333.66	3766742.00	0.00021c	(81101124)	366353.66	3766742.00	0.00020c	(81082724)
366373.66	3766742.00	0.00021c	(81091524)	366393.66	3766742.00	0.00022c	(81091524)
366413.66	3766742.00	0.00023c	(81051424)	366433.66	3766742.00	0.00023c	(81032224)
366453.66	3766742.00	0.00021c	(81012624)	366473.66	3766742.00	0.00020c	(81051424)
366493.66	3766742.00	0.00018c	(81030724)	364688.66	3766117.00	0.00003c	(81042824)
364738.66	3766117.00	0.00004c	(81112924)	364788.66	3766117.00	0.00005c	(81012024)
364838.66	3766117.00	0.00005c	(81020624)	364888.66	3766117.00	0.00016c	(81122124)
364938.66	3766117.00	0.00012c	(81010624)	364988.66	3766117.00	0.00007c	(81101324)
365038.66	3766117.00	0.00004c	(81101824)	365088.66	3766117.00	0.00003c	(81101424)
365138.66	3766117.00	0.00002c	(81103024)	365188.66	3766117.00	0.00002c	(81120124)
365238.66	3766117.00	0.00002c	(81013124)	365288.66	3766117.00	0.00001c	(81030824)
365338.66	3766117.00	0.00001c	(81122024)	365388.66	3766117.00	0.00001c	(81110224)
365438.66	3766117.00	0.00001c	(81071824)	365488.66	3766117.00	0.00001c	(81020624)
365538.66	3766117.00	0.00001c	(81031024)	365588.66	3766117.00	0.00001c	(81031024)
365638.66	3766117.00	0.00001c	(81101524)	365688.66	3766117.00	0.00002c	(81102924)
365738.66	3766117.00	0.00002c	(81122124)	365788.66	3766117.00	0.00002c	(81122124)
365838.66	3766117.00	0.00002c	(81122124)	365888.66	3766117.00	0.00002c	(81122124)
365938.66	3766117.00	0.00002c	(81101524)	365988.66	3766117.00	0.00002c	(81011124)
366038.66	3766117.00	0.00002c	(81102924)	366088.66	3766117.00	0.00002c	(81011124)
366138.66	3766117.00	0.00002c	(81011124)	366188.66	3766117.00	0.00002c	(81011124)
366238.66	3766117.00	0.00002c	(81011224)	366288.66	3766117.00	0.00001c	(81101824)
366338.66	3766117.00	0.00001c	(81101824)	366388.66	3766117.00	0.00001c	(81022224)

366438.66 3766117.00 0.00001c (81011124) PM25op.POU.txt 366488.66 3766117.00 0.00001c (81110224)

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

*** CONC OF PM2.5 IN MICROGRAMS/M**3 ***

1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

364663.66 3766292.00 0.00004c (81092924) 366563.66 3766292.00 0.00002c (81101324)

364838.66 3766042.00 0.00003 (81031524) PM25op.POU.txt 364913.66 3766042.00 0.00005c (81112924)
364988.66 3766042.00 0.00004c (81122624) 365063.66 3766042.00 0.00003 (81040524)
365138.66 3766042.00 0.00002c (81011124) 365213.66 3766042.00 0.00002c (81013124)
365288.66 3766042.00 0.00001c (81011124) 365363.66 3766042.00 0.00001c (81101424)
365438.66 3766042.00 0.00001 (81020824) 365513.66 3766042.00 0.00001c (81120124)
365588.66 3766042.00 0.00001c (81121124) 365663.66 3766042.00 0.00001c (81031024)
365738.66 3766042.00 0.00001c (81103024) 365813.66 3766042.00 0.00001c (81121124)
365888.66 3766042.00 0.00001c (81121124) 365963.66 3766042.00 0.00001c (81101624)
366038.66 3766042.00 0.00001c (81101524) 366113.66 3766042.00 0.00001c (81011124)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC

URBAN FLAT DEFAULT

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366188.66	3766042.00	0.00001c	(81011224)	366263.66	3766042.00	0.00001c	(81011124)
366338.66	3766042.00	0.00001c	(81102924)	366413.66	3766042.00	0.00001c	(81121124)
366488.66	3766042.00	0.00001c	(81011124)	366563.66	3766042.00	0.00001c	(81011124)
366613.66	3766117.00	0.00002c	(81021124)	366563.66	3766117.00	0.00001c	(81110224)
366613.66	3766192.00	0.00003	(81030524)	366563.66	3766192.00	0.00001c	(81110224)
366613.66	3766267.00	0.00003c	(81012724)	366563.66	3766267.00	0.00002c	(81110224)
366613.66	3766342.00	0.00003c	(81092924)	366563.66	3766342.00	0.00002c	(81011124)
366613.66	3766417.00	0.00002c	(81123124)	366563.66	3766417.00	0.00002c	(81101824)
366613.66	3766492.00	0.00001c	(81040624)	366563.66	3766492.00	0.00002c	(81022224)
366613.66	3766567.00	0.00001c	(81011324)	366563.66	3766567.00	0.00003c	(81110124)
366613.66	3766642.00	0.00001c	(81070424)	366563.66	3766642.00	0.00004c	(81110724)
366613.66	3766717.00	0.00001c	(81070424)	366563.66	3766717.00	0.00006c	(81112524)
366613.66	3766792.00	0.00001c	(81112724)	366563.66	3766792.00	0.00007c	(81082624)
366613.66	3766867.00	0.00001c	(81112724)	366688.66	3766867.00	0.00001c	(81112724)
364763.66	3766867.00	0.00001c	(81022324)	364838.66	3766867.00	0.00001c	(81032324)
364913.66	3766867.00	0.00001c	(81030424)	364988.66	3766867.00	0.00001c	(81022324)
365063.66	3766867.00	0.00001c	(81040624)	365138.66	3766867.00	0.00001c	(81012724)
365213.66	3766867.00	0.00001c	(81021424)	365288.66	3766867.00	0.00002c	(81040624)
365363.66	3766867.00	0.00002c	(81092924)	365438.66	3766867.00	0.00002c	(81021424)
365513.66	3766867.00	0.00002c	(81041324)	365588.66	3766867.00	0.00002c	(81030424)
365663.66	3766867.00	0.00003	(81041524)	365738.66	3766867.00	0.00003c	(81041924)
365813.66	3766867.00	0.00003c	(81011324)	365888.66	3766867.00	0.00003c	(81102124)
365963.66	3766867.00	0.00004c	(81123124)	366038.66	3766867.00	0.00004c	(81050224)
366113.66	3766867.00	0.00004c	(81123124)	366188.66	3766867.00	0.00004c	(81032924)
366263.66	3766867.00	0.00005c	(81051924)	366338.66	3766867.00	0.00005c	(81051924)
366413.66	3766867.00	0.00005c	(81051924)	366488.66	3766867.00	0.00005c	(81102724)
366563.66	3766867.00	0.00005c	(81102724)	364513.66	3765942.00	0.00001c	(81011624)
364613.66	3765942.00	0.00001	(81022824)	364713.66	3765942.00	0.00001c	(81122324)
364813.66	3765942.00	0.00001	(81031524)	364913.66	3765942.00	0.00002c	(81121124)
365013.66	3765942.00	0.00002c	(81101624)	365113.66	3765942.00	0.00002c	(81010624)
365213.66	3765942.00	0.00001c	(81013124)	365313.66	3765942.00	0.00001c	(81013124)
365413.66	3765942.00	0.00001c	(81101324)	365513.66	3765942.00	0.00001c	(81120124)
365613.66	3765942.00	0.00001c	(81121124)	365713.66	3765942.00	0.00001c	(81101524)
365813.66	3765942.00	0.00001c	(81121124)	365913.66	3765942.00	0.00001c	(81101624)
366013.66	3765942.00	0.00001c	(81101524)	366113.66	3765942.00	0.00001c	(81101524)
366213.66	3765942.00	0.00001c	(81011124)	366313.66	3765942.00	0.00001c	(81011124)
366413.66	3765942.00	0.00001c	(81102924)	366513.66	3765942.00	0.00001c	(81101824)
366613.66	3765942.00	0.00001c	(81011124)	366713.66	3765942.00	0.00001c	(81013124)
364513.66	3766042.00	0.00001c	(81082024)	366613.66	3766042.00	0.00001c	(81011124)
366713.66	3766042.00	0.00001c	(81103124)	364513.66	3766142.00	0.00002	(81032724)

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**MODELOPTS: CONC

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*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM2.5 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
366613.66	3766142.00	0.00001c	(81110224)	366713.66	3766142.00	0.00001c	(81022624)
364513.66	3766242.00	0.00002c	(81100124)	366613.66	3766242.00	0.00001c	(81103124)
366713.66	3766242.00	0.00001c	(81013124)	364513.66	3766342.00	0.00002c	(81030424)
366613.66	3766342.00	0.00002c	(81101324)	366713.66	3766342.00	0.00001c	(81013124)
364513.66	3766442.00	0.00001c	(81112724)	366613.66	3766442.00	0.00002c	(81101324)
366713.66	3766442.00	0.00002c	(81030824)	364513.66	3766542.00	0.00001c	(81030324)
366613.66	3766542.00	0.00002c	(81121424)	366713.66	3766542.00	0.00002c	(81103124)
364513.66	3766642.00	0.00001c	(81061224)	366613.66	3766642.00	0.00003c	(81110924)
366713.66	3766642.00	0.00002c	(81031324)	364513.66	3766742.00	0.00001c	(81112724)
366613.66	3766742.00	0.00005c	(81121924)	366713.66	3766742.00	0.00003c	(81112524)
364513.66	3766842.00	0.00001c	(81100124)	366613.66	3766842.00	0.00004c	(81091524)
366713.66	3766842.00	0.00003c	(81051424)	364513.66	3766942.00	0.00001c	(81030424)
364613.66	3766942.00	0.00001c	(81112724)	364713.66	3766942.00	0.00001c	(81092924)
364813.66	3766942.00	0.00001c	(81021424)	364913.66	3766942.00	0.00001c	(81012724)
365013.66	3766942.00	0.00001c	(81022324)	365113.66	3766942.00	0.00001c	(81011324)
365213.66	3766942.00	0.00001c	(81040624)	365313.66	3766942.00	0.00001c	(81021424)
365413.66	3766942.00	0.00002c	(81012524)	365513.66	3766942.00	0.00002	(81041524)
365613.66	3766942.00	0.00002c	(81040624)	365713.66	3766942.00	0.00002c	(81102124)
365813.66	3766942.00	0.00002c	(81011324)	365913.66	3766942.00	0.00002c	(81050224)
366013.66	3766942.00	0.00003c	(81082724)	366113.66	3766942.00	0.00003c	(81091824)
366213.66	3766942.00	0.00003c	(81081024)	366313.66	3766942.00	0.00003c	(81051924)
366413.66	3766942.00	0.00004c	(81102724)	366513.66	3766942.00	0.00004c	(81102724)
366613.66	3766942.00	0.00003c	(81082624)	366713.66	3766942.00	0.00003c	(81100724)
364213.66	3765642.00	0.00000c	(81101224)	364413.66	3765642.00	0.00000c	(81012124)
364613.66	3765642.00	0.00000c	(81122324)	364813.66	3765642.00	0.00001	(81031524)
365013.66	3765642.00	0.00001c	(81112924)	365213.66	3765642.00	0.00001c	(81101624)
365413.66	3765642.00	0.00001c	(81122624)	365613.66	3765642.00	0.00001c	(81103124)
365813.66	3765642.00	0.00001c	(81103124)	366013.66	3765642.00	0.00001c	(81101724)
366213.66	3765642.00	0.00001c	(81122624)	366413.66	3765642.00	0.00001c	(81011224)
366613.66	3765642.00	0.00001c	(81103124)	366813.66	3765642.00	0.00001c	(81013124)
367013.66	3765642.00	0.00001c	(81101824)	364213.66	3765842.00	0.00000c	(81012024)
364413.66	3765842.00	0.00001c	(81011624)	364613.66	3765842.00	0.00001c	(81011924)
364813.66	3765842.00	0.00001c	(81122924)	365013.66	3765842.00	0.00001	(81040324)
365213.66	3765842.00	0.00001c	(81013124)	365413.66	3765842.00	0.00001c	(81110124)
365613.66	3765842.00	0.00001c	(81050824)	365813.66	3765842.00	0.00001c	(81121124)
366013.66	3765842.00	0.00001c	(81101524)	366213.66	3765842.00	0.00001c	(81101524)
366413.66	3765842.00	0.00001c	(81011124)	366613.66	3765842.00	0.00001c	(81101824)

366813.66 3765842.00 0.00001c (81100524) PM25op.POU.txt 367013.66 3765842.00 0.00001c (81011124)
364213.66 3766042.00 0.00001c (81032724) 364413.66 3766042.00 0.00001c (81030224)
366813.66 3766042.00 0.00001c (81110124) 367013.66 3766042.00 0.00001c (81101824)
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**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 183
*** THE 6TH HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0002326, L0002327, L0002328, L0002329, L0002330, L0002331, L0002332,
L0002333, L0002334, L0002335, L0002336, L0002337, L0002338, L0002339, L0002340, L0002341, L0002342, L0002343, L0002344,
L0002345, L0002346, L0002347, L0002348, L0002349, L0002350, L0002351, L0002352, L0002353, L0002354, L0002355, . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
X-COORD (M) Y-COORD (M) CONC (YYMMDDHH) X-COORD (M) Y-COORD (M) CONC (YYMMDDHH)
364213.66 3766242.00 0.00001c (81111024) 364413.66 3766242.00 0.00001c (81111024)
366813.66 3766242.00 0.00001c (81120124) 367013.66 3766242.00 0.00001c (81022224)
364213.66 3766442.00 0.00001c (81030424) 364413.66 3766442.00 0.00001c (81123124)
366813.66 3766442.00 0.00001c (81103124) 367013.66 3766442.00 0.00001c (81120124)
364213.66 3766642.00 0.00001c (81032324) 364413.66 3766642.00 0.00001c (81030324)
366813.66 3766642.00 0.00002c (81082124) 367013.66 3766642.00 0.00001c (81112024)
364213.66 3766842.00 0.00001c (81022324) 364413.66 3766842.00 0.00001c (81070824)
366813.66 3766842.00 0.00002c (81121924) 367013.66 3766842.00 0.00002c (81010624)
364213.66 3767042.00 0.00000c (81030124) 364413.66 3767042.00 0.00000c (81012724)
364613.66 3767042.00 0.00001c (81051524) 364813.66 3767042.00 0.00001c (81012724)
365013.66 3767042.00 0.00001c (81011324) 365213.66 3767042.00 0.00001c (81040624)
365413.66 3767042.00 0.00001c (81011324) 365613.66 3767042.00 0.00002c (81041524)
365813.66 3767042.00 0.00002c (81091824) 366013.66 3767042.00 0.00002c (81011724)
366213.66 3767042.00 0.00002c (81081024) 366413.66 3767042.00 0.00002c (81102724)
366613.66 3767042.00 0.00002c (81081024) 366813.66 3767042.00 0.00002c (81051424)
367013.66 3767042.00 0.00001c (81082624) 364213.66 3767242.00 0.00000c (81122824)
364413.66 3767242.00 0.00000c (81041924) 364613.66 3767242.00 0.00001c (81022324)
364813.66 3767242.00 0.00001c (81030324) 365013.66 3767242.00 0.00001c (81030424)
365213.66 3767242.00 0.00001c (81041524) 365413.66 3767242.00 0.00001c (81031524)
365613.66 3767242.00 0.00001c (81121024) 365813.66 3767242.00 0.00001c (81082524)
366013.66 3767242.00 0.00001c (81011724) 366213.66 3767242.00 0.00001c (81091824)
366413.66 3767242.00 0.00001c (81011924) 366613.66 3767242.00 0.00001c (81081024)
366813.66 3767242.00 0.00001c (81100224) 367013.66 3767242.00 0.00001c (81082624)
364749.41 3766145.50 0.00006c (81030524) 365164.66 3766254.25 0.00004c (81010624)
365136.59 3766369.25 0.00004c (81081024) 364719.78 3766265.75 0.00007c (81092924)
366491.12 3766752.50 0.00024c (81091524) 366496.31 3766728.25 0.00016c (81030724)
365453.47 3766452.00 0.00021c (81112924) 365450.00 3766474.50 0.00038c (81022824)
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 184

*** THE SUMMARY OF MAXIMUM PERIOD (8760 HRS) RESULTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZFLAG) OF TYPE NETWORK GRID-ID
ALL 1ST HIGHEST VALUE IS 0.00071 AT (364873.66, 3766202.00, 0.00, 0.00) DC NA
2ND HIGHEST VALUE IS 0.00056 AT (364893.66, 3766202.00, 0.00, 0.00) DC NA
3RD HIGHEST VALUE IS 0.00053 AT (364893.66, 3766222.00, 0.00, 0.00) DC NA
4TH HIGHEST VALUE IS 0.00050 AT (364873.66, 3766222.00, 0.00, 0.00) DC NA
5TH HIGHEST VALUE IS 0.00049 AT (364873.66, 3766242.00, 0.00, 0.00) DC NA
6TH HIGHEST VALUE IS 0.00040 AT (365673.66, 3766542.00, 0.00, 0.00) DC NA
*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 185
*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***
** CONC OF PM2.5 IN MICROGRAMS/M**3 **
GROUP ID AVERAGE CONC DATE (YYMMDDHH) RECEPTOR (XR, YR, ZELEV, ZFLAG) OF TYPE NETWORK GRID-ID
ALL HIGH 1ST HIGH VALUE IS 0.00169 ON 81122224: AT (364873.66, 3766182.00, 0.00, 0.00) DC NA
HIGH 6TH HIGH VALUE IS 0.00103c ON 81030424: AT (364853.66, 3766202.00, 0.00, 0.00) DC NA
*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY
1 *** ISC3P - VERSION 04269 *** *** C:\AERMOD Projects\EXPO\Expo HRA\EXPohra.isc ***

**MODELOPTS: CONC URBAN FLAT DEFAULT PAGE 186

*** Message Summary : ISC3P Model Execution ***

----- Summary of Total Messages -----
A Total of 0 Fatal Error Message(s)
A Total of 1 Warning Message(s)
A Total of 1673 Informational Message(s)
A Total of 1673 Calm Hours Identified

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

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

SO W320 858 PPARM :Source Parameter May Be Out-of-Range for Parameter PM25op.POU.txt
VS

*** ISC3P Finishes Successfully ***
